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Journal of the Intellectual Property Office of Ireland

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**CLÁR INNSTE**

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**Iris um Oifig Maoine Intleachtúla na hÉireann**  
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**Cuid I**

**Paitinní agus Dearachtaí**

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**No. 2509**

**Wednesday, 14 February, 2024**

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## Applications for Patents

### From 02/01/2024 to 22/01/2024

The names of applicants are in alphabetical order. In the case of joint applicants, each name is given independently. The title of the invention should not be regarded as an exhaustive indication of the subject-matter. The date immediately following the title is that on which the application was filed; in the case of a divisional application, the filing date of the earlier application is added within parentheses. Where an application has been filed pursuant to Section 127A, the filing date shall be either the date of the originating PCT filing, where applicable, or the date directed by the Controller. Where the application invokes the Paris Convention, the Convention country and priority date(s) claimed are given in square brackets. Where an application claimed the priority of an earlier application filed at this Office, this information is given within the square brackets. The number is that of the application and should be used for correspondence purposes up to the date of grant of a patent. The letter S preceding the number indicates that the application is for a short-term patent. A new number will be given when a patent is granted and this new number should be quoted in all correspondence subsequent to grant.

|   |                  |
|---|------------------|
| ABBVIE INC. Clostridium botulinum Serotype A Neurotoxin (BoNT/A) Sequence Variants 19 January 2024 [United States of America-20 January 2023]   | <b>20240045</b>  |
| ABBVIE INC. CLOSTRIDIUM BOTULINUM NEUROTOXIN SEROTYPE A COMPOSITIONS 19 January 2024 [United States of America-20 January 2023]   | <b>20240046</b>  |
| BASTOW ETAOIN HEALY Wound Protection Cage 11 January 2024   | <b>S20240031</b> |
| BEIJING NORMAL UNIVERSITY A lake ecological replenishment method based on wavelet multiresolution transformation 18 January 2024  | <b>S20240042</b> |
| BEIJING NORMAL UNIVERSITY A method for optimizing the regulation of the layout of paddy fields to promote the spread of grassy wetlands and the dominance of marsh vegetation 18 January 2024   | <b>S20240043</b> |
| CHANG GUO; LIXIN CHANG; YING LI; XIUFANG XIA; YING WANG; XIAODAN WU; ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16 January 2024 | <b>S20240034</b> |
| CHONGQING JIAOTONG UNIVERSITY A double-stator axial-flux switched reluctance motor for hub motor drive system 15 January 2024 [China-18 October 2023]   | <b>S20240035</b> |
| CHONGQING JIAOTONG UNIVERSITY A differential steering control method for an autonomous vehicle driven by hub motors on all four wheels 15 January 2024 [China-31 August 2023]   | <b>S20240038</b> |

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| CHONGQING JIAOTONG UNIVERSITY A monocular 3D object detection method aided by Transformer-assisted deep information fusion 22 January 2024 [China-12 October 2023]                                 | <b>S20240052</b> |
| DALI UNIVERSITY; DALI NATIONALITY AUTONOMOUS PREFECTURE HOSPITAL A method for preparing monoclonal antibodies against Escherichia coli O157:H7, gold nanorods, and its preparation 15 January 2024 | <b>S20240037</b> |
| EEKOWALL LIMITED WALL PANEL 27 June 2022 [United Kingdom-25 June 2021]   | <b>20220223</b>  |
| EEKOWALL LIMITED WALL PANEL 27 June 2022 [United Kingdom-25 June 2021]   | <b>20220224</b>  |
| EEKOWALL LIMITED WALL PANEL 27 June 2022 [United Kingdom-25 June 2021]   | <b>20220225</b>  |
| EEKOWALL LIMITED WALL PANEL 27 June 2022 [United Kingdom-02 August 2021]   | <b>20220226</b>  |
| ENVIROGRAF LTD Fire Protection & Mould Retardant Coating 25 January 2024 [United Kingdom-25 January 2023 United Kingdom-27 April 2023 United Kingdom-08 December 2023]                             | <b>20240059</b>  |
| FUDAN UNIVERSITY A combination of SNP (Single Nucleotide Polymorphism) markers for paternity testing, along with their detection primer pairs and applications 24 January 2024                     | <b>S20240057</b> |
| GANSU PROVINCE ACADEMY OF QILIAN WATER RESOURCE CONSERVATION FORESTS RESEARCH INSTITUTE A portable wild moss sampling and storage device 22 January 2024   | <b>S20240050</b> |
| GUANGZHOU COLLEGE OF TECHNOLOGY AND BUSINESS A rapid analysis device for food components based on spectral analysis 22 January 2024  | <b>S20240053</b> |
| HANGZHOU NORMAL UNIVERSITY A contactless life signs monitoring system 18 January 2024  | <b>S20240040</b> |
| HAO ZHANG; CHANG GUO; LIXIN CHANG; YING LI; XIUFANG XIA; YING WANG; XIAODAN WU; ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; XINJIANG LOU METHOD FOR REDUCING                        | <b>S20240034</b> |

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| GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16<br>January 2024  |                  |
| HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; ZHIYONG KANG;<br>XIAODAN WU; YING WANG; XIUFANG XIA; YING LI; LIXIN CHANG;<br>CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING<br>GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16<br>January 2024 | <b>S20240034</b> |
| KIERAN JAMES Protection for images to be sent using a Smart Phone 19 January<br>2024  | <b>S20240048</b> |
| KRIDICHART LYLE Theory Test Learner & ADI Stage 1 Car/Motorcycle - Pilot<br>Driving School 02 January 2024  | <b>S20240030</b> |
| LIXIN CHANG; YING LI; XIUFANG XIA; YING WANG; XIAODAN WU;<br>ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD;<br>CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING<br>GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16<br>January 2024 | <b>S20240034</b> |
| METLOC SYSTEMS LTD. A BUILDING ASSEMBLY COMPRISING A<br>MECHANICAL FIXING ARRANGEMENT AND A MECHANICAL FIXING<br>ARRANGEMENT FOR A BUIDING ASSEMBLY 25 January 2024 [United<br>Kingdom-01 February 2023]  | <b>20240058</b>  |
| MOORE PHILIP Horse Riding Safety Device 11 January 2024   | <b>S20240032</b> |
| NANJING TECH UNIVERSITY; CHINA CONSTRUCTION INDUSTRIAL &<br>ENERGY ENGINEERING GROUP CO., LTD. LONG-TERM MONITORING<br>DEVICE AND METHOD FOR BEARING PERFORMANCE OF STRENGTH<br>COMPOSITE PILES 15 January 2024   | <b>S20240033</b> |
| NORTHWEST INSTITUTE OF PLATEAU BIOLOGY, CHINESE ACADEMY OF<br>SCIENCES A method for detecting mutations in the 7th exon of the ACSL1 gene in<br>animals 15 January 2024   | <b>S20240036</b> |
| PALACE MODULAR HOUSING (CHONGQING) CO., LTD HINGE<br>STRUCTURE AND FOLDABLE CONTAINER HOUSE 23 January 2024 [China-07<br>November 2023]   | <b>S20240055</b> |

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|---|------------------|
| PALACE MODULAR HOUSING (CHONGQING) CO., LTD FOLDING HOUSE<br>23 January 2024 [China-08 November 2023]   | <b>S20240056</b> |
| PUMA SOCIAL LIMITED AN ELECTRIC VEHICLE HYBRID AIR<br>CONDITIONING SYSTEM CONFIGURED FOR CHARGING AN ELECTRIC<br>VEHICLE 16 July 2021   | <b>20210238</b>  |
| SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE An extraction<br>method and application of sea buckthorn-derived exosome-like nanoparticles 19<br>January 2024   | <b>S20240047</b> |
| WUHAN VOCATIONAL COLLEGE OF SOFTWARE AND ENGINEERING<br>(WUHAN OPEN UNIVERSITY); WUHAN VOCATIONAL COLLEGE<br>COMMUNICATIONS AND PUBLISHING An industrial robot control device 18<br>January 2024  | <b>S20240039</b> |
| XIANYANG RUNYUAN BIOTECHNOLOGY CO., LTD; WU XINGYOU;<br>CHUNFENG WU A composite microbial agent for treating waste vegetable leaves<br>and its application 18 January 2024  | <b>S20240041</b> |
| XIAODAN WU; ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES<br>GROUP CO., LTD; YING WANG; XIUFANG XIA; YING LI; LIXIN CHANG;<br>CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING<br>GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16<br>January 2024 | <b>S20240034</b> |
| XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE<br>ACADEMY OF SCIENCES A removable method for irrigating plants in sandbag<br>sand barriers 18 January 2024  | <b>S20240044</b> |
| XINJIANG LOU; HAO ZHANG; CHANG GUO; LIXIN CHANG; YING LI;<br>XIUFANG XIA; YING WANG; XIAODAN WU; ZHIYONG KANG;<br>HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD METHOD FOR<br>REDUCING GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE<br>COATING 16 January 2024 | <b>S20240034</b> |
| XIUFANG XIA; YING WANG; XIAODAN WU; ZHIYONG KANG;<br>HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; YING LI; LIXIN<br>CHANG; CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR  | <b>S20240034</b> |

REDUCING GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16 January 2024

XUZHOU SHENGDOUSHI BIOTECHNOLOGY CO., LTD. NEW FOLDING DEFORMATION STRETCHER TROLLEY 17 January 2024 **S20240049**

YANGZHOU UNIVERSITY A multi-epitope antigen, vaccine, preparation method, and application for piglet diarrhea 22 January 2024 **S20240054**

YING LI; XIUFANG XIA; YING WANG; XIAODAN WU; ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; LIXIN CHANG; CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16 January 2024 **S20240034**

YING WANG; XIAODAN WU; ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; XIUFANG XIA; YING LI; LIXIN CHANG; CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16 January 2024 **S20240034**

ZHEJIANG CHINESE MEDICAL UNIVERSITY A stroke hand function rehabilitation piano keyboard trainer 22 January 2024 **S20240051**

ZHIYONG KANG; HEILONGJIANG BEIYU FISHERIES GROUP CO., LTD; XIAODAN WU; YING WANG; XIUFANG XIA; YING LI; LIXIN CHANG; CHANG GUO; HAO ZHANG; XINJIANG LOU METHOD FOR REDUCING GREASE CONTENT IN FRIED FOOD BY CHITOSAN EDIBLE COATING 16 January 2024 **S20240034**

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## Applications Published Under Section 28

The following applications become open to public inspection as from the date of this issue of the journal unless otherwise specified. The date given is the date of filing of the application or the earliest priority claimed. Any application made pursuant to Section 127A, where the originating PCT application has been published under that PCT in English, is accorded the PCT publication date of that application. For these Section 127A applications, the publication date is given in bold square brackets.

|      |           |   |
|------|-----------|---|
| 2022 | 20220126  | SHIELDS, DAMIAN PATRICK, Mobile Aggregate Scrubbing System. 29 July 2022. Int. Cl. (2024.01) <b>B03B 5/00; B08B 3/00.</b>   |
| 2022 | S20220212 | ZHUHAI JUNCHI ZHILIAN TECHNOLOGY CO., LTD, An Intelligent Driving Method, Device and Storage Medium Based on Visual Inspection. 25 July 2022. Int. Cl. (2024.01) <b>B60W 30/00.</b>   |
| 2023 | S20230101 | HENAN UNIVERSITY OF TECHNOLOGY, BROADBAND CIRCULARLY POLARIZED ANTENNA. 30 June 2022. Int. Cl. (2024.01) <b>H01Q 1/00; H01Q 23/00; H01Q 3/00.</b>   |
| 2023 | S20230112 | HENAN UNIVERSITY OF TECHNOLOGY, METASURFACE PLANE WAVE LENS ANTENNA. 30 June 2022. Int. Cl. (2024.01) <b>H01Q 15/00.</b>  |
| 2023 | 20230156  | PLASCORE, INC., LIGHTING FIXTURE AND CEILING SYSTEM WITH INTEGRATED LIGHT FIXTURE. 24 May 2022. Int. Cl. (2024.01) <b>F21S 8/00; F21V 27/00; F21V 33/00.</b>  |
| 2023 | 20230159  | JOHN DOHERTY, Apparatus to prevent ring movement. 17 May 2022. Int. Cl. (2024.01) <b>E02D 29/00; B66F 19/00; B66C 1/00; B65G 7/00.</b>  |
| 2023 | 20230176  | COLLDON AUTO LIMITED, A Trailer. 24 May 2022. Int. Cl. (2024.01) <b>B60P 1/00; B60P 3/00.</b>   |
| 2023 | S20230187 | BEIJING BUILDING MATERIALS AND GEOLOGICAL ENGINEERING CO. LTD.; CHINA CONSTRUCTION THIRD BUREAU GROUP BEIJING CO. LTD.; BEIJING CITY CONSTRUCTION TECHNOLOGY PROMOTION ASSOCIATION, CHINA, Construction method of foundation pit supporting pile in non-collapse stratum based on solid waste utilization. 31 May 2022. Int. Cl. (2024.01) <b>E02D 17/00.</b> |
| 2023 | 20230278  | GILLCON CONCRETE PRODUCTS LIMITED, Retaining Wall Assembly. 21 July 2022. Int. Cl. (2024.01) <b>E02D 29/00.</b>   |

## Patents Granted Under Section 34

The number of a patent is given in heavy type; the letter S preceding the number indicates a short-term patent. The code numbers following the title of each invention are those of the International Patent Classification. The date of filing the application follows the proprietor's name. The patent application number, which follows the date of application in parenthesis, has been superseded by the patent number. In the case of an application claiming the priority of an earlier application, the name of the country where the earlier application was made and the date of the earlier application are shown in square brackets.

By virtue of Section 65(3), the application relating to any short-term patent appearing in the following list whose date of filing is later than the date which is 18 months prior to the date of this issue of the Journal becomes open to public inspection as and from the date of this issue of the Journal.

- 87476** Electricity meter with electrically-controlled electromechanical switch. Int. Cl. (2024.01) **G01R 22/00; H01H 51/00; H01H 50/00**. Secure Meters (UK) Limited 12 December 2018 (20180567) [United Kingdom-07 March 2018]
- S87477** A suction anchoring mooring device and its composite structure. Int. Cl. (2024.01) **F03B 13/00; B63B 21/00**. TIANJIN UNIVERSITY; CHINA POWER ENGINEERING CONSULTING GROUP CO., LTD 20 April 2023 (S20230116)
- S87478** BROADBAND CIRCULARLY POLARIZED ANTENNA. Int. Cl. (2024.01) **H01Q 1/00; H01Q 23/00; H01Q 3/00**. HENAN UNIVERSITY OF TECHNOLOGY 14 April 2023 (S20230101) [China-30 June 2022]
- S87479** METASURFACE PLANE WAVE LENS ANTENNA. Int. Cl. (2024.01) **H01Q 15/00**. HENAN UNIVERSITY OF TECHNOLOGY 14 April 2023 (S20230112) [China-30 June 2022]
- S87480** ANTI-CORROSION PROTECTION DEVICE FOR ROLLING MILL STEEL-PASSING SIDE STAND COLUMN AND ITS PREPARATION MATHOD. Int. Cl. (2024.01) **B05D 1/00; B05B 13/00; C23C 4/00**. WUHAN RESEARCH INSTITUTE OF MATERIALS PROTECTION 24 March 2023 (S20230083)
- S87481** Method for Producing High-efficiency and Non-oriented Silicon Steel by Thin Slab Continuous Casting and Rolling. Int. Cl. (2024.01) **C21D 8/00**. INNER MONGOLIA UNIVERSITY OF TECHNOLOGY 30 December 2022 (S20220215)
- 87482** A milking parlour. Int. Cl. (2024.01) **A01K 1/00; A01K 5/00**. WILLIAM CASHMAN 12 April 2018 (20180073) [Ireland-12 April 2017]
-

## Patents Granted Under European Patent Convention Designating Ireland

The Irish serial number appears first followed, respectively, by the proprietor's name, the date of filing of the application, the filing number and the European Patent Office publication number.

If the specification of the European patent was published in French or German the word 'French' or 'German', as appropriate, will appear as the last item of information.

### Grants Published in EPO Bulletin No. 03/24, dated 17<sup>th</sup> January 2024

|         |   |            |         |            |        |
|---------|---|------------|---------|------------|--------|
| 1914491 | BITZER Kühlmaschinenbau GmbH              | 12/10/2007 | 1914491 | 07020003.5 | German |
| 2249752 | Implantica Patent Ltd.                    | 29/01/2009 | 2249752 | 09705633.7 |        |
| 2284807 | Diebold Nixdorf Systems GmbH              | 01/07/2010 | 2284807 | 10168070.0 | German |
| 2335898 | Entex Rust & Mitschke GmbH                | 19/11/2010 | 2335898 | 10014789.1 | German |
| 2338523 | Nektar Therapeutics                       | 26/02/2004 | 2338523 | 11152599.4 |        |
| 2395968 | Boehringer Ingelheim International GmbH   | 11/02/2010 | 2395968 | 10703652.7 |        |
| 2424048 | TELEGÄRTNER KARL GÄRTNER GMBH             | 28/06/2011 | 2424048 | 11171810.2 | German |
| 2461305 | Hitachi Astemo, Ltd.                      | 23/07/2010 | 2461305 | 10804332.4 |        |
| 2499933 | Sunstar Inc.                              | 10/11/2010 | 2499933 | 10829944.7 |        |
| 2553930 | InterDigital Madison Patent Holdings, SAS | 01/04/2011 | 2553930 | 11717353.4 |        |
| 2596382 | ConocoPhillips Company                    | 19/07/2011 | 2596382 | 11810263.1 |        |
| 2600937 | Guided Therapy Systems, L.L.C.            | 02/08/2011 | 2600937 | 11814906.1 |        |
| 2606576 | Dali Systems Co. Ltd.                     | 16/08/2011 | 2606576 | 11818697.2 |        |
| 2622920 | QUALCOMM Incorporated                     | 29/09/2011 | 2622920 | 11833094.3 |        |
| 2646803 | Siemens Healthineers Nederland B.V.       | 28/11/2011 | 2646803 | 11797151.5 |        |
| 2654031 | Brenmoor Ltd                              | 19/04/2013 | 2654031 | 13164562.4 |        |
| 2666589 | Satisloh AG                               | 26/04/2013 | 2666589 | 13002206.4 | German |
| 2673712 | Vertiv IT Systems, Inc.                   | 09/02/2012 | 2673712 | 12705553.1 |        |
| 2703600 | IHI Corporation                           | 27/04/2012 | 2703600 | 12776447.0 |        |
| 2711539 | Hitachi Astemo, Ltd.                      | 07/08/2013 | 2711539 | 13003938.1 |        |
| 2716925 | NTN Corporation                           | 27/04/2012 | 2716925 | 12789972.2 |        |
| 2732951 | SMP Deutschland GmbH                      | 16/11/2012 | 2732951 | 12193099.4 | German |
| 2733036 | Kramer-Werke GmbH                         | 08/11/2013 | 2733036 | 13005274.9 | German |
| 2745223 | Safran Aircraft Engines                   | 14/08/2012 | 2745223 | 12772118.1 | French |
| 2754457 | Reapplix APS                              | 20/09/2011 | 2754457 | 14163852.8 |        |
| 2787434 | Samsung Electronics Co., Ltd.             | 28/03/2014 | 2787434 | 14162204.3 |        |

|         |  |            |         |            |        |
|---------|--|------------|---------|------------|--------|
| 2791493 | Robert Bosch GmbH                                  | 17/10/2012 | 2791493 | 12779013.7 | German |
| 2803961 | Micro-Hybrid Electronic GmbH                       | 07/05/2014 | 2803961 | 14167351.7 | German |
| 2818145 | Urgo Recherche Innovation et<br>Développement      | 23/03/2007 | 2818145 | 13156061.7 | French |
| 2819425 | Comcast Cable Communications, LLC                  | 26/06/2014 | 2819425 | 14174100.9 |        |
| 2879862 | Essilor International                              | 01/08/2013 | 2879862 | 13744560.7 |        |
| 2879879 | Ricoh Company, Ltd.                                | 19/07/2013 | 2879879 | 13825001.4 |        |
| 2881505 | Toray Industries, Inc.                             | 19/06/2013 | 2881505 | 13825976.7 |        |
| 2909908 | ABB Schweiz AG                                     | 14/10/2013 | 2909908 | 13780313.6 |        |
| 2911617 | Stryker European Operations Limited                | 29/10/2013 | 2911617 | 13785842.9 |        |
| 2932261 | Haemostromb Test Kft.                              | 03/12/2013 | 2932261 | 13824511.3 |        |
| 2944297 | 100% Speedlab, LLC                                 | 11/05/2015 | 2944297 | 15167212.8 |        |
| 2945069 | Mitsubishi Electric Corporation                    | 09/12/2013 | 2945069 | 13871196.5 |        |
| 2951794 | Crane Payment Innovations Limited                  | 04/02/2014 | 2951794 | 14704628.8 |        |
| 2979832 | Mitsubishi Gas Chemical Company,<br>Inc.           | 27/03/2014 | 2979832 | 14776369.2 |        |
| 2990937 | Samsung Electronics Co., Ltd.                      | 01/09/2015 | 2990937 | 15183370.4 |        |
| 2991309 | Idaax Technologies Private Limited                 | 25/08/2015 | 2991309 | 15182308.5 |        |
| 2992960 | Pallmann Maschinenfabrik GmbH &<br>Co. KG          | 02/09/2015 | 2992960 | 15020150.7 | German |
| 2993301 | RTX Corporation                                    | 27/08/2015 | 2993301 | 15182775.5 |        |
| 2995950 | Givaudan SA  | 20/04/2007 | 2995950 | 15182783.9 |        |
| 2998026 | Academia Sinica                                    | 26/08/2015 | 2998026 | 15182577.5 |        |
| 3000944 | J.C. Bamford Excavators Limited                    | 08/06/2015 | 3000944 | 15170945.8 |        |
| 3013488 | Illinois Tool Works Inc.                           | 06/05/2014 | 3013488 | 14729548.9 |        |
| 3020497 | The ESAB Group Inc.                                | 16/10/2015 | 3020497 | 15190301.0 |        |
| 3020513 | Krones Aktiengesellschaft                          | 03/11/2015 | 3020513 | 15192765.4 | German |
| 3021748 | St. Jude Medical International Holding<br>S.à r.l. | 21/10/2014 | 3021748 | 14808712.5 |        |
| 3022683 | The Regents of the University of<br>California     | 14/07/2014 | 3022683 | 14825944.3 |        |
| 3033669 | Apple Inc.   | 25/07/2014 | 3033669 | 14755461.2 |        |
| 3036293 | BASF SE  | 18/08/2014 | 3036293 | 14752332.8 | German |
| 3036485 | Efficient Energy GmbH                              | 19/08/2014 | 3036485 | 14755804.3 |        |
| 3037860 | Samsung Electronics Co., Ltd.                      | 16/11/2015 | 3037860 | 15194782.7 |        |
| 3037971 | Intel Corporation                                  | 27/12/2011 | 3037971 | 16154338.4 |        |
| 3041647 | Wienerberger B.V.                                  | 08/09/2014 | 3041647 | 14799225.9 |        |

|         |  |            |         |            |        |
|---------|--|------------|---------|------------|--------|
| 3042375 | Bose Corporation   | 12/08/2014 | 3042375 | 14753448.1 |        |
| 3044103 | KHS GmbH   | 19/08/2014 | 3044103 | 14756011.4 | German |
| 3071270 | Sanofi-Aventis Deutschland GmbH                                      | 17/11/2014 | 3071270 | 14799750.6 |        |
| 3074586 | Nov Downhole Eurasia Limited   | 27/11/2014 | 3074586 | 14806363.9 |        |
| 3076048 | Goodrich Corporation   | 21/03/2016 | 3076048 | 16161461.5 |        |
| 3080993 | Qualcomm Incorporated  | 12/12/2014 | 3080993 | 14815206.9 |        |
| 3081869 | Daikin Industries, Ltd.  | 02/12/2014 | 3081869 | 14868751.0 |        |
| 3082867 | Intervet International B.V.  | 19/12/2014 | 3082867 | 14815365.3 |        |
| 3085663 | Honbu Sankei Co., Ltd.   | 22/12/2014 | 3085663 | 14872746.4 |        |
| 3093854 | Essex Furukawa Magnet Wire Japan<br>Co., Ltd.                        | 21/11/2014 | 3093854 | 14877820.2 |        |
| 3093979 | Ricoh Company, Ltd.  | 10/05/2016 | 3093979 | 16168996.3 |        |
| 3100769 | Airbus Group India Private Limited                                   | 01/06/2016 | 3100769 | 16172503.1 |        |
| 3101172 | Toray Industries, Inc.   | 22/01/2015 | 3101172 | 15742525.7 |        |
| 3107424 | Lewis, Randall J.  | 11/02/2015 | 3107424 | 15751693.1 |        |
| 3108116 | RTX Corporation  | 12/02/2015 | 3108116 | 15792720.3 |        |
| 3125022 | Yulong Computer Telecommunication<br>Scientific (Shenzhen) Co., Ltd. | 29/04/2015 | 3125022 | 15785997.6 |        |
| 3132789 | Dow Toray Co., Ltd.  | 08/04/2015 | 3132789 | 15779652.5 |        |
| 3137891 | DH Technologies Development Pte.<br>Ltd.                             | 14/04/2015 | 3137891 | 15785544.6 |        |
| 3139960 | Takeda Pharmaceutical Company<br>Limited                             | 04/05/2015 | 3139960 | 15720968.5 |        |
| 3142128 | Proterial, Ltd.  | 06/09/2016 | 3142128 | 16187480.5 |        |
| 3143710 | Cirrus Logic, Inc.   | 04/05/2015 | 3143710 | 15725917.7 |        |
| 3147087 | Canon Kabushiki Kaisha   | 15/09/2016 | 3147087 | 16188894.6 |        |
| 3150568 | Nichiha Corporation  | 30/08/2016 | 3150568 | 16186276.8 |        |
| 3163581 | Joint Stock Company "Akme-<br>Engineering"                           | 11/06/2015 | 3163581 | 15805962.6 |        |
| 3167396 | Iogenetics, LLC.   | 10/07/2015 | 3167396 | 15818218.8 |        |
| 3168745 | Xiaomi Inc.  | 08/03/2016 | 3168745 | 16159165.6 |        |
| 3169149 | Philip Morris Products S.A.  | 16/07/2015 | 3169149 | 15738907.3 |        |
| 3170632 | Textor Maschinenbau GmbH   | 18/10/2016 | 3170632 | 16194337.8 | German |
| 3187560 | Furukawa Electric Co., Ltd.  | 10/08/2015 | 3187560 | 15837005.6 |        |
| 3189590 | SnapTrack, Inc.  | 05/08/2015 | 3189590 | 15745498.4 | German |
| 3189834 | Haisco Innovative Pharmaceutical PTE.<br>LTD.                        | 28/08/2015 | 3189834 | 15837862.0 |        |

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| 3189836 | Chevion, Mordechai                                  | 19/08/2010 | 3189836 | 17153101.5 |        |
| 3192327 | Signify Holding B.V.                                | 10/08/2015 | 3192327 | 15748244.9 |        |
| 3202498 | Sumitomo Heavy Industries Finetech,<br>Ltd.         | 11/09/2015 | 3202498 | 15846897.5 |        |
| 3203984 | Zambon S.p.A.                                       | 07/10/2015 | 3203984 | 15784294.9 |        |
| 3206862 | Media Lario s.r.l.                                  | 12/10/2015 | 3206862 | 15787909.9 |        |
| 3207004 | GEVO, Inc.  | 14/10/2015 | 3207004 | 15850265.8 |        |
| 3208578 | Mitsubishi Electric Corporation                     | 16/10/2014 | 3208578 | 14903972.9 |        |
| 3213444 | QUALCOMM INCORPORATED                               | 05/10/2015 | 3213444 | 15784826.8 |        |
| 3213741 | Shiseido Company Ltd.                               | 30/10/2015 | 3213741 | 15855168.9 |        |
| 3214946 | Mars, Incorporated                                  | 03/11/2015 | 3214946 | 15788081.6 |        |
| 3217283 | Luxrobo Corporation                                 | 16/11/2016 | 3217283 | 16199123.7 |        |
| 3218016 | EurA AG<br>Friedrich-Schiller-Universität Jena      | 14/10/2015 | 3218016 | 15798318.0 | German |
| 3218215 | Liebherr-Transportation Systems<br>GmbH & Co. KG    | 29/10/2015 | 3218215 | 15788329.9 | German |
| 3219805 | API Corporation                                     | 02/11/2015 | 3219805 | 15859618.9 |        |
| 3223952 | BASF SE   | 27/11/2015 | 3223952 | 15801813.5 |        |
| 3223981 | SAFRAN AIRCRAFT ENGINES                             | 24/11/2015 | 3223981 | 15817955.6 | French |
| 3227330 | Université Laval                                    | 07/12/2015 | 3227330 | 15864525.9 |        |
| 3230477 | Global Life Sciences Solutions<br>Operations UK Ltd | 02/12/2015 | 3230477 | 15868310.2 |        |
| 3232777 | FUNDACIÓ DE RECERCA CLÍNIC<br>BARCELONA-INSTITUT    | 18/12/2015 | 3232777 | 15813848.7 |        |
| 3232947 | Heartpoint Global Inc.                              | 08/12/2015 | 3232947 | 15813296.9 |        |
| 3233392 | Veolia Nuclear Solutions, Inc.                      | 18/12/2015 | 3233392 | 15823109.2 |        |
| 3234673 | Corning Research & Development<br>Corporation       | 10/12/2015 | 3234673 | 15870738.0 |        |
| 3235344 | Lutron Technology Company LLC                       | 18/12/2015 | 3235344 | 15820998.1 |        |
| 3236086 | MAC Valves, Inc.                                    | 08/02/2017 | 3236086 | 17155159.1 |        |
| 3237293 | Tetra Laval Holdings & Finance SA                   | 30/11/2015 | 3237293 | 15802094.1 |        |
| 3238286 | Merck Patent GmbH                                   | 08/12/2015 | 3238286 | 15805398.3 | German |
| 3241530 | Covidien LP   | 12/04/2010 | 3241530 | 17176714.8 |        |
| 3246355 | Nitto Denko Corporation                             | 25/12/2015 | 3246355 | 15873331.1 |        |
| 3250191 | Novo Nordisk A/S                                    | 28/01/2016 | 3250191 | 16701684.9 |        |
| 3254634 | Stryker European Operations Holdings<br>LLC         | 06/06/2017 | 3254634 | 17174582.1 |        |

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|---------|---|------------|---------|------------|--------|
| 3258874 | Covidien LP                                       | 20/01/2016 | 3258874 | 16752764.7 |        |
| 3263241 | VOLKSWAGEN<br>AKTIENGESELLSCHAFT<br>Audi AG       | 17/05/2017 | 3263241 | 17171453.8 | German |
| 3263991 | Ferel Elektronik Sanayi Ticaret Anonim<br>Sirketi | 30/06/2017 | 3263991 | 17179157.7 |        |
| 3264148 | The Boeing Company                                | 19/06/2017 | 3264148 | 17176717.1 |        |
| 3268765 | Verity AG   | 07/03/2016 | 3268765 | 16708736.0 |        |
| 3270808 | Aesculap AG                                       | 18/03/2016 | 3270808 | 16710972.7 | German |
| 3272977 | Brose Schliesssysteme GmbH & Co.<br>KG            | 13/07/2017 | 3272977 | 17181226.6 | German |
| 3275242 | Nokia Solutions and Networks Oy                   | 23/03/2015 | 3275242 | 15713412.3 |        |
| 3277453 | Alpha Assembly Solutions Inc.                     | 31/03/2016 | 3277453 | 16719889.4 |        |
| 3280445 | Cornell University                                | 11/04/2016 | 3280445 | 16777501.4 |        |
| 3282052 | Yamauchi Corporation                              | 05/04/2016 | 3282052 | 16776516.3 |        |
| 3282443 | Incus Laboratories Limited                        | 03/08/2017 | 3282443 | 17184702.3 |        |
| 3289341 | Smiths Detection Montreal Inc.                    | 28/04/2016 | 3289341 | 16786045.1 |        |
| 3289835 | Zumtobel Lighting GmbH                            | 28/04/2016 | 3289835 | 16722814.7 | German |
| 3290461 | Kolon Industries, Inc.                            | 28/04/2015 | 3290461 | 15890785.7 |        |
| 3291114 | XCOO Inc.   | 28/04/2016 | 3291114 | 16786606.0 |        |
| 3294484 | CLEVERTECH S.p.A.                                 | 13/05/2015 | 3294484 | 15747847.0 |        |
| 3294598 | Robert Bosch GmbH                                 | 27/04/2016 | 3294598 | 16724848.3 |        |
| 3299048 | Nikkiso Company Limited                           | 19/05/2016 | 3299048 | 16796556.5 |        |
| 3299355 | LG Chem, Ltd.                                     | 20/05/2016 | 3299355 | 16800261.6 |        |
| 3300658 | Abbott Diabetes Care, Inc.                        | 11/12/2012 | 3300658 | 17182379.2 |        |
| 3302356 | TriVascular, Inc.                                 | 26/05/2016 | 3302356 | 16800744.1 |        |
| 3304726 | EC Power A/S                                      | 08/06/2016 | 3304726 | 16727720.1 |        |
| 3306556 | Origami Energy Limited                            | 19/08/2014 | 3306556 | 17204782.1 |        |
| 3309552 | SFC Co., Ltd.                                     | 18/07/2016 | 3309552 | 16824767.4 |        |
| 3309750 | CANON KABUSHIKI KAISHA                            | 11/10/2017 | 3309750 | 17195945.5 |        |
| 3309954 | General Electric Company                          | 12/10/2017 | 3309954 | 17196147.7 |        |
| 3310059 | Tongji University<br>ZTE Corporation              | 06/06/2016 | 3310059 | 16806796.5 |        |
| 3310971 | Grohe AG  | 16/06/2016 | 3310971 | 16729496.6 | German |
| 3311217 | tooz technologies GmbH                            | 01/06/2016 | 3311217 | 16726322.7 | German |
| 3312086 | Goodrich Corporation                              | 18/10/2017 | 3312086 | 17197118.7 |        |
| 3313088 | Yamaha Corporation                                | 14/06/2016 | 3313088 | 16811603.6 |        |

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| 3314771 | Qualcomm Incorporated   | 25/05/2016 | 3314771 | 16729422.2 |        |
| 3317151 | Scania CV AB  | 31/05/2016 | 3317151 | 16818327.5 |        |
| 3317292 | Novetide, Ltd.  | 01/07/2016 | 3317292 | 16739362.8 |        |
| 3317637 | Gnothis Holding SA  | 28/06/2016 | 3317637 | 16732652.9 |        |
| 3317709 | Materion Corporation  | 01/06/2016 | 3317709 | 16732047.2 |        |
| 3320732 | Qualcomm Incorporated   | 03/06/2016 | 3320732 | 16730950.9 |        |
| 3321323 | Zeon Corporation  | 30/03/2016 | 3321323 | 16821071.4 |        |
| 3322437 | Hanmi Pharm. Co., Ltd.  | 29/06/2016 | 3322437 | 16818224.4 |        |
| 3324694 | Huawei Technologies Co., Ltd.   | 13/08/2015 | 3324694 | 15900780.6 |        |
| 3328971 | TotalEnergies OneTech   | 29/07/2016 | 3328971 | 16745115.2 |        |
| 3329121 | Dieterle, Hannah Sophia<br>Dieterle, Leonie Marie<br>Dieterle, Levi Lucas | 28/07/2016 | 3329121 | 16753839.6 | German |
| 3329188 | Ziehl-Abegg SE  | 20/09/2016 | 3329188 | 16788413.9 | German |
| 3332277 | Tintometer GmbH   | 07/06/2016 | 3332277 | 16808124.8 |        |
| 3334336 | The Regents of the University of<br>California                            | 12/08/2016 | 3334336 | 16754128.3 |        |
| 3334494 | Medtronic Inc.  | 03/08/2016 | 3334494 | 16756834.4 |        |
| 3335536 | Polyor SARL   | 12/10/2017 | 3335536 | 17196251.7 | French |
| 3337583 | Apple Inc.  | 15/06/2016 | 3337583 | 16837432.0 |        |
| 3342324 | Samsung Electronics Co., Ltd.   | 20/10/2016 | 3342324 | 16860138.3 |        |
| 3343171 | Sumitomo (S.H.I.) Construction<br>Machinery Co., Ltd.                     | 25/08/2016 | 3343171 | 16839338.7 |        |
| 3344144 | Mako Surgical Corp.   | 02/09/2016 | 3344144 | 16766757.5 |        |
| 3348251 | GlaxoSmithKline Consumer Healthcare<br>Holdings (US) LLC                  | 12/10/2010 | 3348251 | 18155546.7 |        |
| 3349783 | ILC Therapeutics Ltd  | 14/09/2016 | 3349783 | 16770972.4 |        |
| 3350646 | Ricoh Company, Ltd.   | 13/09/2016 | 3350646 | 16845953.5 |        |
| 3351054 | Watlow Electric Manufacturing<br>Company                                  | 24/10/2016 | 3351054 | 16795181.3 |        |
| 3352738 | The Brigham and Women's Hospital,<br>Inc.                                 | 26/09/2016 | 3352738 | 16849871.5 |        |
| 3354151 | NIKE Innovate C.V.  | 29/08/2014 | 3354151 | 18162456.0 |        |
| 3356146 | Hewlett-Packard Development<br>Company, L.P.                              | 24/02/2016 | 3356146 | 16891818.3 |        |
| 3356749 | Iceoxford Limited   | 30/09/2016 | 3356749 | 16777776.2 |        |
| 3356815 | Cytiva Sweden AB  | 29/09/2016 | 3356815 | 16785373.8 |        |



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|---------|---|------------|---------|------------|--------|
| 3359636 | Di Pompeo, Christophe<br>Forest, Olivier  | 06/10/2016 | 3359636 | 16790698.1 | French |
| 3361971 | Corinth Medtech, Inc.   | 12/10/2016 | 3361971 | 16856110.8 |        |
| 3362804 | WiTricity Corporation   | 12/10/2016 | 3362804 | 16788321.4 |        |
| 3362842 | Essilor International   | 11/10/2016 | 3362842 | 16778853.8 |        |
| 3362847 | Essilor International   | 11/10/2016 | 3362847 | 16788044.2 |        |
| 3364997 | University of Massachusetts   | 21/10/2016 | 3364997 | 16858331.8 |        |
| 3367361 | Hangzhou Hikvision Digital<br>Technology Co., Ltd.                                  | 12/06/2016 | 3367361 | 16856628.9 |        |
| 3367535 | Imagik International Corporation  | 08/02/2018 | 3367535 | 18155894.1 |        |
| 3367782 | Rijk Zwaan Zaadteelt en Zaadhandel<br>B.V.  | 28/10/2016 | 3367782 | 16790560.3 |        |
| 3368887 | Molecular Devices, LLC  | 20/10/2016 | 3368887 | 16858239.3 |        |
| 3369323 | The Nisshin OilliO Group, Ltd.  | 21/10/2016 | 3369323 | 16859710.2 |        |
| 3370956 | Teijin Carbon America, Inc.   | 01/11/2016 | 3370956 | 16862770.1 |        |
| 3372037 | QUALCOMM Incorporated   | 20/10/2016 | 3372037 | 16797676.0 |        |
| 3381201 | The University of Rochester   | 21/11/2016 | 3381201 | 16810537.7 |        |
| 3383285 | Stryker Corporation   | 30/11/2016 | 3383285 | 16819223.5 |        |
| 3384549 | Deakin University<br>Monash University  | 30/11/2016 | 3384549 | 16869406.5 |        |
| 3385490 | VKR Holding A/S   | 22/03/2018 | 3385490 | 18163303.3 |        |
| 3386566 | SHL Medical AG  | 03/11/2016 | 3386566 | 16790392.1 |        |
| 3386794 | Volkswagen Aktiengesellschaft   | 28/11/2016 | 3386794 | 16815738.6 | German |
| 3387164 | IHI Bernex AG   | 07/12/2016 | 3387164 | 16819274.8 |        |
| 3389405 | Société des Produits Nestlé S.A.  | 13/12/2016 | 3389405 | 16816627.0 |        |
| 3389747 | Sanofi-Aventis Deutschland GmbH   | 05/12/2016 | 3389747 | 16805458.3 |        |
| 3390477 | prefere Melamines GmbH  | 13/12/2016 | 3390477 | 16837973.3 |        |
| 3390530 | REHAU Automotive SE & Co. KG  | 01/12/2016 | 3390530 | 16805290.0 | German |
| 3391056 | Agilent Technologies, Inc.  | 19/12/2016 | 3391056 | 16847625.7 |        |
| 3398038 | Apple Inc.  | 03/02/2017 | 3398038 | 17748261.9 |        |
| 3398655 | Sogang University Research Foundation   | 20/12/2016 | 3398655 | 16889545.6 |        |
| 3400691 | Centripetal Limited   | 21/12/2016 | 3400691 | 16826822.5 |        |
| 3404826 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.<br>Beijing Smartmi Technology Co., Ltd. | 16/05/2018 | 3404826 | 18172559.9 |        |
| 3407497 | Stichting IMEC Nederland  | 22/05/2017 | 3407497 | 17172233.3 |        |

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| 3408017 | T.I.M.E. Service Catalyst Handling GmbH  | 26/01/2017 | 3408017 | 17701354.7 | German |
| 3408653 | Siemens Healthcare Diagnostics Inc.  | 24/01/2017 | 3408653 | 17744777.8 |        |
| 3412151 | Sumitomo Chemical Company, Limited   | 26/01/2017 | 3412151 | 17747295.8 |        |
| 3412368 | NEC Corporation  | 02/02/2017 | 3412368 | 17747521.7 |        |
| 3417768 | Middlesex University Higher Education Corporation  | 19/06/2018 | 3417768 | 18178583.3 |        |
| 3419034 | FIXTEST Prüfmittelbau GmbH<br>Lisa Dräxlmaier GmbH   | 18/06/2018 | 3419034 | 18178178.2 | German |
| 3421493 | Progastrine et Cancers S.à r.l.<br>CENTRE NATIONAL DE LA<br>RECHERCHE SCIENTIFIQUE<br>(CNRS)<br>INSTITUT NATIONAL DE LA<br>SANTE ET DE LA RECHERCHE<br>MEDICALE (INSERM) | 15/10/2010 | 3421493 | 18185172.6 |        |
| 3422141 | LG ELECTRONICS INC.  | 12/06/2015 | 3422141 | 18189656.4 |        |
| 3423533 | S. C. Johnson & Son, Inc.  | 03/03/2017 | 3423533 | 17712585.3 |        |
| 3423904 | Transocean Innovation Labs Ltd   | 03/03/2017 | 3423904 | 17760904.7 |        |
| 3425192 | Mahle International GmbH   | 24/05/2018 | 3425192 | 18174031.7 |        |
| 3425868 | New H3C Technologies Co., Ltd.   | 27/02/2017 | 3425868 | 17759197.1 |        |
| 3426189 | Boston Scientific Scimed, Inc.   | 06/03/2017 | 3426189 | 17712590.3 |        |
| 3432110 | GE Aviation Systems Limited  | 13/07/2018 | 3432110 | 18183399.7 |        |
| 3432204 | Tata Consultancy Services Limited  | 25/06/2018 | 3432204 | 18179448.8 |        |
| 3434142 | Inoac Corporation  | 22/03/2017 | 3434142 | 17770288.3 |        |
| 3435010 | LG Electronics Inc.  | 02/03/2017 | 3435010 | 17770504.3 |        |
| 3435112 | Furuno Electric Co., Ltd.  | 21/02/2017 | 3435112 | 17769762.0 |        |
| 3435910 | Becton, Dickinson and Company  | 17/03/2017 | 3435910 | 17714982.0 |        |
| 3436600 | Genfit   | 30/03/2017 | 3436600 | 17714742.8 |        |
| 3439640 | The Cleveland Clinic Foundation  | 07/04/2017 | 3439640 | 17779909.5 |        |
| 3440516 | ETA SA Manufacture Horlogère Suisse  | 22/11/2017 | 3440516 | 17803928.5 | French |
| 3441292 | DT Swiss AG  | 03/08/2018 | 3441292 | 18187248.2 | German |
| 3441802 | Nippon Kayaku Kabushiki Kaisha   | 06/04/2017 | 3441802 | 17779208.2 |        |
| 3442518 | Genfit   | 13/03/2017 | 3442518 | 17711119.2 |        |
| 3448457 | Embecka Corp.  | 26/04/2017 | 3448457 | 17790335.8 |        |
| 3449800 | FUJIFILM Corporation   | 21/08/2018 | 3449800 | 18189880.0 |        |
| 3450171 | Shuhou Co., Ltd.   | 28/04/2016 | 3450171 | 16900496.7 |        |

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|---------|---|------------|---------|------------|--------|
| 3450324 | MULAG FAHRZEUGWERK Heinz<br>Wössner GmbH & CO. KG               | 25/07/2018 | 3450324 | 18185379.7 | German |
| 3450666 | Kem Hongkong Limited  | 16/08/2018 | 3450666 | 18189307.4 |        |
| 3450947 | IMEC vzw  | 05/09/2017 | 3450947 | 17189517.0 |        |
| 3452150 | Pneuma Respiratory, Inc.  | 03/05/2017 | 3452150 | 17793284.5 |        |
| 3452536 | BASF SE   | 25/04/2017 | 3452536 | 17719579.9 | German |
| 3452896 | The Trustees Of Dartmouth College<br>ID Quantique               | 05/05/2017 | 3452896 | 17793530.1 |        |
| 3454767 | Aesculap AG   | 08/05/2017 | 3454767 | 17721716.3 | German |
| 3455299 | Sony Group Corporation  | 10/05/2017 | 3455299 | 17727759.7 |        |
| 3457009 | Siemens Energy Global GmbH & Co.<br>KG                          | 18/09/2018 | 3457009 | 18194984.3 | German |
| 3457192 | FUJIFILM Corporation  | 03/03/2017 | 3457192 | 17795803.0 |        |
| 3457226 | Honeywell Limited   | 09/08/2018 | 3457226 | 18188375.2 |        |
| 3458105 | Modernatx, Inc.   | 18/05/2017 | 3458105 | 17728703.4 |        |
| 3458731 | Physical Systems, Inc.  | 18/05/2017 | 3458731 | 17800204.4 |        |
| 3461118 | ZTE Corporation   | 10/03/2017 | 3461118 | 17798530.6 |        |
| 3461865 | DNP Fine Chemicals Co., Ltd.                                    | 08/11/2016 | 3461865 | 16897033.3 |        |
| 3462327 | INTEL Corporation   | 29/08/2018 | 3462327 | 18191576.0 |        |
| 3462456 | Everspin Technologies, Inc.                                     | 19/11/2012 | 3462456 | 18200874.8 |        |
| 3465928 | Qualcomm Incorporated   | 17/04/2017 | 3465928 | 17733596.5 |        |
| 3467835 | Emweb bvba  | 31/05/2018 | 3467835 | 18175374.0 |        |
| 3468415 | Steelcase Inc.  | 06/06/2017 | 3468415 | 17810866.8 |        |
| 3470329 | Japan Aerospace Exploration Agency                              | 21/02/2017 | 3470329 | 17812924.3 |        |
| 3470379 | Inquide, S.A. (Sociedad Unipersonal)                            | 11/10/2018 | 3470379 | 18382721.1 |        |
| 3470876 | Honeywell International Inc.                                    | 10/10/2018 | 3470876 | 18199745.3 |        |
| 3471410 | Sony Interactive Entertainment Inc.                             | 16/02/2017 | 3471410 | 17809870.3 |        |
| 3471682 | Goodsomnia AB   | 20/06/2017 | 3471682 | 17733070.1 |        |
| 3472894 | MiWire ApS  | 20/06/2017 | 3472894 | 17732384.7 |        |
| 3473748 | Commonwealth Scientific and<br>Industrial Research Organisation | 26/03/2013 | 3473748 | 18211174.0 |        |
| 3474066 | Dai Nippon Printing Co., Ltd.                                   | 16/06/2017 | 3474066 | 17815306.0 |        |
| 3474287 | Samsung Electronics Co., Ltd.                                   | 23/07/2018 | 3474287 | 18184919.1 |        |
| 3474743 | Tata Consultancy Services Limited                               | 22/03/2017 | 3474743 | 17814833.4 |        |
| 3474836 | Rekik, Raouf  | 27/06/2017 | 3474836 | 17745488.1 |        |
| 3475720 | Microsoft Technology Licensing, LLC                             | 22/06/2017 | 3475720 | 17736822.2 |        |
| 3475729 | The Tomorrow Companies Inc.                                     | 23/06/2017 | 3475729 | 17816311.9 |        |

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| 3476031 | Hitachi Energy Ltd  | 28/06/2016 | 3476031 | 16732634.7 |        |
| 3476810 | KCC GLASS Corporation   | 17/05/2017 | 3476810 | 17815600.6 |        |
| 3476883 | Sumitomo Chemical Company, Limited  | 21/06/2017 | 3476883 | 17815434.0 |        |
| 3477128 | Vention Inc.  | 31/10/2018 | 3477128 | 18203719.2 |        |
| 3477672 | Starkey Laboratories, Inc.  | 22/08/2018 | 3477672 | 18190336.0 |        |
| 3482899 | DIC Corporation   | 04/07/2017 | 3482899 | 17824239.2 |        |
| 3483714 | Samsung Electronics Co., Ltd.   | 26/06/2017 | 3483714 | 17837154.8 |        |
| 3484276 | Nunhems B.V.  | 07/07/2017 | 3484276 | 17739942.5 |        |
| 3485290 | Robert Bosch GmbH   | 10/05/2017 | 3485290 | 17722449.0 | German |
| 3485979 | GEA Mechanical Equipment GmbH   | 02/11/2018 | 3485979 | 18204116.0 | German |
| 3486009 | The Swatch Group Research and<br>Development Ltd  | 17/11/2017 | 3486009 | 17202337.6 | French |
| 3487049 | Schneider Electric Industries SAS   | 17/11/2017 | 3487049 | 17306596.2 | German |
| 3489642 | Samsung Electronics Co., Ltd.   | 29/06/2018 | 3489642 | 18180746.2 |        |
| 3489750 | Veoneer Sweden AB   | 24/11/2017 | 3489750 | 17203609.7 |        |
| 3490024 | Samsung SDI Co., Ltd.   | 23/06/2017 | 3490024 | 17831228.6 |        |
| 3490606 | Institut National de la Santé et de la<br>Recherche Médicale (INSERM)<br>Université de Lorraine<br>Centre National de la Recherche<br>Scientifique CNRS | 25/07/2017 | 3490606 | 17749409.3 |        |
| 3491482 | Microsoft Technology Licensing, LLC   | 20/07/2017 | 3491482 | 17748598.4 |        |
| 3492749 | Sulzer Management AG  | 01/11/2018 | 3492749 | 18203936.2 |        |
| 3493033 | Wacom Co., Ltd.   | 27/07/2016 | 3493033 | 16910501.2 |        |
| 3494315 | A. Raymond et Cie   | 30/05/2017 | 3494315 | 17734384.5 | French |
| 3496138 | Mitsubishi Gas Chemical Company,<br>Inc.  | 04/08/2017 | 3496138 | 17837105.0 |        |
| 3496630 | Greatbatch Ltd.   | 14/08/2017 | 3496630 | 17841934.7 |        |
| 3497177 | Dow Global Technologies LLC<br>Rohm and Haas Company  | 12/08/2016 | 3497177 | 16912346.0 |        |
| 3497791 | Qualcomm Incorporated   | 12/06/2017 | 3497791 | 17838426.9 |        |
| 3498206 | Böhm, Heinrich, Dr.   | 31/08/2018 | 3498206 | 18191929.1 | German |
| 3500701 | Met Ileri Teknoloji Sistemleri<br>Mühendislik İmalat İthalat ve İhracat<br>Ticaret Limited Sirketi<br>Merdin, Murat<br>Merdin, Oguz Deniz               | 19/08/2017 | 3500701 | 17853566.2 |        |

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|---------|--|------------|---------|------------|--------|
| 3501373 | Steris Instrument Management Services, Inc.  | 25/02/2013 | 3501373 | 19154626.6 |        |
| 3503253 | Zeon Corporation   | 14/07/2017 | 3503253 | 17841321.7 |        |
| 3503360 | BMC Co., Ltd.  | 17/05/2017 | 3503360 | 17843776.0 |        |
| 3504110 | Mercedes-Benz Group AG   | 24/08/2017 | 3504110 | 17768359.6 | German |
| 3504233 | SANOFI   | 24/08/2017 | 3504233 | 17758138.6 |        |
| 3508360 | Specialized Bicycle Components, Inc.   | 18/12/2018 | 3508360 | 18213595.4 |        |
| 3509198 | LG Innotek Co., Ltd.   | 05/09/2017 | 3509198 | 17847066.2 |        |
| 3509336 | Samsung Electronics Co., Ltd.  | 10/10/2017 | 3509336 | 17858771.3 |        |
| 3509680 | Kindeva Drug Delivery L.P.   | 05/09/2017 | 3509680 | 17849386.2 |        |
| 3510183 | Glencore Technology Pty Limited  | 09/09/2016 | 3510183 | 16915412.7 |        |
| 3510701 | Telefonaktiebolaget LM Ericsson (publ)   | 11/10/2016 | 3510701 | 16918643.4 |        |
| 3511295 | Univerza V Ljubljani   | 12/11/2018 | 3511295 | 18205621.8 |        |
| 3511342 | Genmab A/S   | 10/03/2011 | 3511342 | 18203140.1 |        |
| 3512564 | The Trustees of The University of Pennsylvania   | 14/09/2017 | 3512564 | 17851555.7 |        |
| 3512589 | Boston Scientific Scimed, Inc.   | 14/09/2017 | 3512589 | 17772265.9 |        |
| 3512842 | Arvinas, Inc.  | 15/09/2017 | 3512842 | 17851665.4 |        |
| 3512991 | Kurkute, Sanjay  | 17/02/2017 | 3512991 | 17850359.5 |        |
| 3513594 | Oponga Networks, Inc.  | 13/09/2017 | 3513594 | 17851478.2 |        |
| 3513881 | LG Chem, Ltd.  | 24/08/2018 | 3513881 | 18847726.9 |        |
| 3514552 | MML Solutions GmbH   | 06/12/2018 | 3514552 | 18210726.8 | German |
| 3515904 | Centre Léon Bérard<br>Hospices Civils De Lyon<br>Université Claude Bernard Lyon 1<br>Centre National de la Recherche Scientifique (CNRS)<br>Institut National de la Santé et de la Recherche Médicale (INSERM) | 20/09/2017 | 3515904 | 17769091.4 |        |
| 3516944 | CNH Industrial Belgium NV  | 29/01/2019 | 3516944 | 19154120.0 |        |
| 3517118 | Meis Technology Inc.   | 23/08/2017 | 3517118 | 17843658.0 |        |
| 3517134 | The Trustees of the University of Pennsylvania   | 12/11/2002 | 3517134 | 18212719.1 |        |
| 3519134 | Saint-Gobain Abrasives, Inc.<br>Saint-Gobain Abrasifs  | 29/09/2017 | 3519134 | 17857597.3 |        |
| 3519460 | SABIC Global Technologies B.V.   | 29/09/2017 | 3519460 | 17772735.1 |        |

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|---------|--|------------|---------|------------|--------|
| 3520729 | Shanghai Microport Medbot (Group)<br>Co., Ltd.   | 30/06/2017 | 3520729 | 17854493.8 |        |
| 3521584 | MAN Truck & Bus SE   | 24/01/2019 | 3521584 | 19153571.5 | German |
| 3521590 | Liebherr-Aerospace Toulouse SAS  | 25/01/2019 | 3521590 | 19153792.7 | French |
| 3523846 | Clarios Germany GmbH & Co. KG  | 05/10/2017 | 3523846 | 17783439.7 | German |
| 3523909 | QUALCOMM Incorporated  | 05/10/2017 | 3523909 | 17788022.6 |        |
| 3524683 | Limited Liability Company "Histograft"   | 27/06/2017 | 3524683 | 17858799.4 |        |
| 3526491 | Exonetik Inc.  | 13/10/2017 | 3526491 | 17860638.0 |        |
| 3529038 | Reifenhäuser GmbH & Co. KG<br>Maschinenfabrik  | 11/10/2017 | 3529038 | 17793580.6 | German |
| 3530948 | Sulzer Management AG   | 17/01/2019 | 3530948 | 19152370.3 |        |
| 3531162 | NXP USA, Inc.  | 27/02/2018 | 3531162 | 18305208.3 |        |
| 3531448 | Hamilton Sundstrand Corporation  | 19/02/2019 | 3531448 | 19158006.7 |        |
| 3532739 | Excalibur Screwbolts Limited   | 30/10/2017 | 3532739 | 17811671.1 |        |
| 3533818 | Daikin Industries, Ltd.  | 27/10/2017 | 3533818 | 17865377.0 |        |
| 3534615 | Inscape Data, Inc.   | 17/03/2014 | 3534615 | 19166400.2 |        |
| 3536607 | Anduril Industries, Inc.   | 21/04/2016 | 3536607 | 19170501.1 |        |
| 3536783 | Public University Corporation Nagoya<br>City University<br>Channelosearch Technology               | 01/11/2017 | 3536783 | 17868219.1 |        |
| 3537026 | L'AIR LIQUIDE, SOCIETE<br>ANONYME POUR L'ETUDE ET<br>L'EXPLOITATION DES PROCEDES<br>GEORGES CLAUDE | 06/03/2019 | 3537026 | 19161068.2 | French |
| 3540534 | Ricoh Company, Ltd.  | 12/03/2019 | 3540534 | 19162177.0 |        |
| 3542310 | Fingerprint Cards Anacatum IP AB   | 08/11/2017 | 3542310 | 17871849.0 |        |
| 3543124 | Adient Aerospace, LLC  | 23/03/2018 | 3543124 | 18163756.2 |        |
| 3544668 | Fisher&Paykel Healthcare Limited   | 23/11/2017 | 3544668 | 17873263.2 |        |
| 3545024 | Spartech LLC   | 21/11/2017 | 3545024 | 17873629.4 |        |
| 3545615 | BSH Hausgeräte GmbH  | 08/11/2017 | 3545615 | 17797615.6 | German |
| 3547536 | Infineon Technologies AG   | 26/03/2019 | 3547536 | 19165066.2 |        |
| 3548627 | PURAC Biochem BV   | 29/11/2017 | 3548627 | 17825381.1 |        |
| 3549089 | Snap Inc.  | 30/11/2017 | 3549089 | 17876226.6 |        |
| 3550400 | Samsung Electronics Co., Ltd.  | 31/01/2018 | 3550400 | 18748185.8 |        |
| 3550426 | Accenture Global Solutions Limited   | 26/02/2019 | 3550426 | 19159245.0 |        |
| 3550775 | ZTE Corporation  | 18/10/2017 | 3550775 | 17876149.0 |        |
| 3552335 | QUALCOMM Incorporated  | 06/12/2017 | 3552335 | 17818711.8 |        |

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| 3552742 | MOLDINO Tool Engineering, Ltd.         | 11/12/2017 | 3552742 | 17878034.2 |
| 3552808 | Rolls-Royce plc                        | 12/03/2019 | 3552808 | 19162100.2 |
| 3553018 | Goodrich Corporation                   | 05/03/2019 | 3553018 | 19160755.5 |
| 3553810 | Samsung Electronics Co., Ltd.          | 06/03/2019 | 3553810 | 19160999.9 |
| 3556339 | Edenlux Corporation                    | 15/12/2016 | 3556339 | 16923710.4 |
| 3557597 | ABB S.p.A.                             | 20/04/2018 | 3557597 | 18168532.2 |
| 3558310 | Merck Sharp & Dohme LLC                | 18/12/2017 | 3558310 | 17884553.3 |
|         | MSD R&D (China) Co., Ltd.              |            |         |            |
| 3558418 | MedTrace Pharma A/S                    | 21/12/2017 | 3558418 | 17828906.2 |
| 3558820 | Qualcomm Incorporated                  | 01/12/2017 | 3558820 | 17825994.1 |
| 3559660 | Zoetis Services LLC                    | 15/12/2017 | 3559660 | 17828816.3 |
| 3562439 | Tobb Ekonomi Ve Teknoloji              | 28/12/2017 | 3562439 | 17908968.5 |
|         | Universitesi                           |            |         |            |
| 3565310 | Telefonaktiebolaget LM Ericsson (publ) | 30/01/2014 | 3565310 | 19168705.2 |
| 3566109 | Moldsvore, Oystein                     | 16/03/2017 | 3566109 | 17720565.5 |
|         | Disruptive Technologies Research AS    |            |         |            |
| 3566313 | Qualcomm Incorporated                  | 07/12/2017 | 3566313 | 17890151.8 |
| 3567212 | LG ELECTRONICS INC.                    | 08/05/2019 | 3567212 | 19173192.6 |
| 3567242 | Hydac Fluidcarecenter GmbH             | 12/04/2019 | 3567242 | 19168938.9 |
| 3567600 | Siemens Healthcare GmbH                | 08/05/2018 | 3567600 | 18171239.9 |
| 3567668 | Samsung SDI Co., Ltd.                  | 20/02/2019 | 3567668 | 19158228.7 |
| 3570111 | KYOCERA Document Solutions Inc.        | 15/05/2019 | 3570111 | 19174585.0 |
| 3570627 | HTC Corporation                        | 09/05/2019 | 3570627 | 19173534.9 |
| 3570748 | Dexcom, Inc.                           | 18/01/2018 | 3570748 | 18741952.8 |
| 3571367 | Titus d.o.o. Dekani                    | 20/12/2017 | 3571367 | 17816891.0 |
| 3572829 | Airbus Defence and Space GmbH          | 25/05/2018 | 3572829 | 18174378.2 |
| 3575269 | Samsung SDI Co., Ltd.                  | 13/05/2019 | 3575269 | 19174235.2 |
| 3575883 | Canon Kabushiki Kaisha                 | 19/08/2011 | 3575883 | 19179879.2 |
| 3576215 | Samsung SDI Co., Ltd.                  | 01/11/2017 | 3576215 | 17893848.6 |
| 3577405 | Valeo Termico S.A.                     | 31/01/2018 | 3577405 | 18704182.7 |
| 3579142 | GUANGDONG OPPO MOBILE                  | 06/06/2019 | 3579142 | 19178710.0 |
|         | TELECOMMUNICATIONS CORP.,              |            |         |            |
|         | LTD.                                   |            |         |            |
| 3580179 | Merck Patent GmbH                      | 13/02/2018 | 3580179 | 18703607.4 |
| 3580628 | Texon LP                               | 01/02/2018 | 3580628 | 18751733.9 |
| 3581085 | Toray Industries, Inc.                 | 09/02/2018 | 3581085 | 18751628.1 |
| 3582610 | DeLaval Holding AB                     | 15/02/2018 | 3582610 | 18707445.5 |

German

|         |   |            |         |            |        |
|---------|---|------------|---------|------------|--------|
| 3583201 | University of Pittsburgh - Of the Commonwealth System of Higher Education | 13/02/2018 | 3583201 | 18754542.1 |        |
| 3584826 | Laserssel Co., Ltd  | 12/07/2018 | 3584826 | 18835546.5 |        |
| 3585338 | The Procter & Gamble Company  | 27/02/2017 | 3585338 | 17897636.1 |        |
| 3585341 | The Procter & Gamble Company  | 27/02/2017 | 3585341 | 17898024.9 |        |
| 3586220 | Samsung Electronics Co., Ltd.   | 27/03/2018 | 3586220 | 18776851.0 |        |
| 3586785 | Globus Medical, Inc.  | 28/06/2019 | 3586785 | 19183110.6 |        |
| 3587393 | F.I.S.- Fabbrica Italiana Sintetici S.p.A.                                | 21/06/2018 | 3587393 | 18179043.7 |        |
| 3590287 | Google LLC  | 21/06/2017 | 3590287 | 17737104.4 |        |
| 3590349 | Fuji Oil Holdings Inc.  | 09/01/2018 | 3590349 | 18760640.5 |        |
| 3590638 | Sumitomo Electric Hardmetal Corp.<br>Sumitomo Electric Industries, Ltd.   | 11/07/2017 | 3590638 | 17898796.2 |        |
| 3590758 | TS Tech Co., Ltd.   | 13/09/2017 | 3590758 | 17898446.4 |        |
| 3591186 | Volkswagen AG   | 26/06/2019 | 3591186 | 19182698.1 | German |
| 3592218 | Halo Neuro, Inc.  | 08/03/2018 | 3592218 | 18764684.9 |        |
| 3592654 | Murray, Michael   | 28/02/2018 | 3592654 | 18709734.0 |        |
| 3593163 | Sense Photonics, Inc.   | 12/04/2018 | 3593163 | 18785021.9 |        |
| 3593293 | Deepmind Technologies Limited   | 22/05/2018 | 3593293 | 18734078.1 |        |
| 3593965 | Textor Maschinenbau GmbH  | 18/06/2019 | 3593965 | 19181038.1 | German |
| 3594085 | CRSC RESEARCH & DESIGN<br>INSTITUTE GROUP CO., LTD.                       | 07/05/2018 | 3594085 | 18877161.2 |        |
| 3594791 | LG Display Co., Ltd.  | 27/10/2015 | 3594791 | 19195594.7 |        |
| 3594986 | LSIS Co., Ltd.  | 08/07/2019 | 3594986 | 19185078.3 |        |
| 3595893 | SAINT-GOBAIN GLASS FRANCE   | 20/02/2018 | 3595893 | 18705154.5 | German |
| 3596542 | Magic Leap, Inc.  | 16/03/2018 | 3596542 | 18768170.5 |        |
| 3596750 | EV Group E. Thallner GmbH   | 16/03/2017 | 3596750 | 17713196.8 | German |
| 3596947 | Arriver Software AB   | 19/12/2017 | 3596947 | 17901263.8 |        |
| 3597113 | Erbe Elektromedizin GmbH  | 07/06/2019 | 3597113 | 19179101.1 | German |
| 3597302 | Nelson Irrigation Corporation   | 17/05/2019 | 3597302 | 19175235.1 |        |
| 3597337 | Lee, Jae Yeol   | 02/02/2018 | 3597337 | 18768436.0 |        |
| 3597445 | Dai Nippon Printing Co., Ltd.   | 12/11/2013 | 3597445 | 19195171.4 |        |
| 3597835 | Yoshino Gypsum Co., Ltd.  | 12/03/2018 | 3597835 | 18767943.6 |        |
| 3598566 | Mitsubishi Chemical Corporation   | 16/03/2018 | 3598566 | 18767795.0 |        |
| 3600501 | Vectura Delivery Devices Limited  | 19/03/2018 | 3600501 | 18711567.0 |        |
| 3601666 | Voith Patent GmbH   | 29/01/2018 | 3601666 | 18702468.2 | German |
| 3602680 | Féinics AmaTech Teoranta  | 29/03/2018 | 3602680 | 18714520.6 |        |



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| 3603165 | Apple Inc.   | 02/04/2018 | 3603165 | 18778223.0 |        |
| 3603176 | QUALCOMM Incorporated                              | 14/03/2018 | 3603176 | 18717451.1 |        |
| 3604244 | Furukawa Electric Co., Ltd.                        | 26/03/2018 | 3604244 | 18778253.7 |        |
| 3604318 | Mitsui Chemicals, Inc.                             | 29/03/2018 | 3604318 | 18775752.1 |        |
| 3604910 | Valeo Vision                                       | 15/07/2019 | 3604910 | 19186377.8 | French |
| 3605372 | INTEL Corporation                                  | 28/12/2011 | 3605372 | 19191969.5 |        |
| 3605654 | Zeon Corporation                                   | 20/03/2018 | 3605654 | 18777570.5 |        |
| 3605880 | Mitsubishi Electric Corporation                    | 23/05/2017 | 3605880 | 17910740.4 |        |
| 3606222 | ZTE Corporation                                    | 23/03/2018 | 3606222 | 18771617.0 |        |
| 3606226 | ZTE Corporation                                    | 05/02/2018 | 3606226 | 18772229.3 |        |
| 3608561 | ArvinMeritor Technology, LLC                       | 08/05/2019 | 3608561 | 19173368.2 |        |
| 3611707 | View, Inc.   | 12/04/2013 | 3611707 | 19202054.3 |        |
| 3611725 | Tencent Technology (Shenzhen)<br>Company Limited   | 15/11/2018 | 3611725 | 18880575.8 |        |
| 3612702 | ASSA ABLOY Entrance Systems AB                     | 16/04/2018 | 3612702 | 18720537.2 |        |
| 3612730 | Sense Wind Limited                                 | 19/04/2018 | 3612730 | 18721115.6 |        |
| 3613260 | 915 Labs, Inc.                                     | 16/04/2018 | 3613260 | 18788357.4 |        |
| 3616100 | Synopsys, Inc.                                     | 27/04/2018 | 3616100 | 18791612.7 |        |
| 3618183 | Ls Mtron Ltd.                                      | 26/04/2018 | 3618183 | 18791503.8 |        |
| 3619237 | B Cell Design                                      | 03/05/2018 | 3619237 | 18722497.7 |        |
| 3619436 | Samsung Electronics Co., Ltd.                      | 11/05/2018 | 3619436 | 18797937.2 |        |
| 3619787 | Siemens Energy AS                                  | 23/04/2018 | 3619787 | 18723728.4 |        |
| 3620701 | WALDNER Laboreinrichtungen SE &<br>Co. KG          | 09/09/2019 | 3620701 | 19196286.9 | German |
| 3621017 | Comcast Cable Communications LLC                   | 05/09/2019 | 3621017 | 19195590.5 |        |
| 3621199 | Analog Devices, Inc.                               | 09/09/2019 | 3621199 | 19196188.7 |        |
| 3621493 | Nilsson, Rickard                                   | 09/05/2018 | 3621493 | 18726315.7 | German |
| 3621716 | EMD Millipore Corporation                          | 10/05/2018 | 3621716 | 18798068.5 |        |
| 3621738 | Siemens Healthcare Diagnostics Inc.                | 02/05/2018 | 3621738 | 18798181.6 |        |
| 3621875 | ST ENGINEERING AEROSPACE<br>LTD.                   | 09/05/2017 | 3621875 | 17723536.3 |        |
| 3622942 | Ivoclar Vivadent AG<br>Technische Universität Wien | 17/09/2018 | 3622942 | 18194789.6 | German |
| 3623093 | NT Tool Corporation                                | 11/05/2018 | 3623093 | 18802299.0 |        |
| 3625217 | Tresvertol Inc.                                    | 15/05/2018 | 3625217 | 18802146.3 |        |
| 3626003 | QUALCOMM Incorporated                              | 14/05/2018 | 3626003 | 18730504.0 |        |

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|---------|---|------------|---------|------------|--------|
| 3626602 | Kay Seven Co. Ltd.<br>Yamanaka Shipbuilding Co., Ltd.<br>Kamome Propeller Co., Ltd. | 19/11/2014 | 3626602 | 19207096.9 |        |
| 3628497 | CANON KABUSHIKI KAISHA  | 24/09/2019 | 3628497 | 19199119.9 |        |
| 3628950 | Liebherr-Hausgeräte Ochsenhausen GmbH   | 27/09/2019 | 3628950 | 19200103.0 | German |
| 3629094 | CANON KABUSHIKI KAISHA  | 19/09/2019 | 3629094 | 19198284.2 |        |
| 3629568 | Ricoh Company, Ltd.   | 24/09/2019 | 3629568 | 19199290.8 |        |
| 3629666 | Apple Inc.  | 27/09/2019 | 3629666 | 19200209.5 |        |
| 3631057 | Perlon GmbH   | 18/05/2018 | 3631057 | 18728303.1 | German |
| 3631187 | Pierburg GmbH   | 14/05/2018 | 3631187 | 18724238.3 | German |
| 3632022 | Telefonaktiebolaget LM Ericsson (publ)  | 03/05/2018 | 3632022 | 18810841.9 |        |
| 3632085 | Sony Network Communications Europe B.V.   | 18/05/2018 | 3632085 | 18728754.5 |        |
| 3632240 | KT&G Corporation  | 18/05/2018 | 3632240 | 18806877.9 |        |
| 3633274 | LG Electronics Inc.   | 25/05/2018 | 3633274 | 18805934.9 |        |
| 3634357 | Enable Injections, Inc.   | 24/05/2018 | 3634357 | 18806106.3 |        |
| 3634387 | Johnson & Johnson Consumer Inc.   | 25/01/2018 | 3634387 | 18703465.7 |        |
| 3635827 | Thorlabs Quantum Electronics, Inc.  | 30/04/2018 | 3635827 | 18799265.6 |        |
| 3636678 | Hubei Gurun Technology Co., Ltd   | 20/04/2018 | 3636678 | 18798327.5 |        |
| 3637800 | Oticon A/S  | 11/10/2019 | 3637800 | 19202648.2 |        |
| 3637883 | Telefonaktiebolaget LM Ericsson (publ)  | 28/06/2011 | 3637883 | 19212782.7 |        |
| 3638439 | Ormet Circuits, Inc.  | 07/06/2018 | 3638439 | 18735052.5 |        |
| 3638647 | SABIC Global Technologies B.V.  | 11/06/2018 | 3638647 | 18728666.1 |        |
| 3639389 | Telefonaktiebolaget LM Ericsson (publ)  | 14/06/2017 | 3639389 | 17913728.6 |        |
| 3640129 | Hanwha Ocean Co., Ltd.  | 05/04/2016 | 3640129 | 19211253.0 |        |
| 3640438 | Rolls-Royce plc   | 24/09/2019 | 3640438 | 19199191.8 |        |
| 3641536 | Signify Holding B.V.  | 21/06/2018 | 3641536 | 18731119.6 |        |
| 3641576 | Innovation Ventures IP At UKHS, LLC   | 20/06/2018 | 3641576 | 18819563.0 |        |
| 3641606 | Wadolowski Dariusz Przedsiębiorstwo Wielobranzowe Gastronet                         | 19/06/2018 | 3641606 | 18821308.6 |        |
| 3642261 | Julius-Maximilians-Universität Würzburg   | 19/06/2018 | 3642261 | 18731104.8 |        |
| 3643069 | Microsoft Technology Licensing, LLC   | 30/05/2018 | 3643069 | 18730949.7 |        |
| 3643076 | Diehl Metering S.A.S.   | 08/06/2018 | 3643076 | 18731740.9 | German |
| 3643514 | Bridgestone Corporation   | 14/06/2018 | 3643514 | 18820424.2 |        |
| 3643545 | Valeo Japan Co., Ltd.   | 15/06/2018 | 3643545 | 18821625.3 |        |

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| 3643637 | Bastero López, Jesús María                                      | 11/06/2018 | 3643637 | 18818242.2 |        |
| 3644468 | Nexans  | 15/10/2019 | 3644468 | 19203368.6 | French |
| 3644932 | The Procter & Gamble Company                                    | 28/06/2018 | 3644932 | 18743248.9 |        |
| 3645345 | Tesla, Inc.   | 28/06/2018 | 3645345 | 18823713.5 |        |
| 3646186 | Microsoft Technology Licensing, LLC                             | 31/05/2018 | 3646186 | 18732599.8 |        |
| 3647571 | Kubota Corporation  | 16/04/2018 | 3647571 | 18825043.5 |        |
| 3647994 | Airbus Defence and Space GmbH                                   | 30/10/2018 | 3647994 | 18203504.8 |        |
| 3648003 | HERE Global B.V.  | 29/10/2019 | 3648003 | 19206026.7 |        |
| 3648271 | Furukawa Electric Co., Ltd.<br>Furukawa Automotive Systems Inc. | 18/05/2018 | 3648271 | 18823633.5 |        |
| 3648752 | Katholieke Universiteit Leuven                                  | 04/07/2018 | 3648752 | 18738280.9 |        |
| 3648819 | 1NHALER LIMITED   | 02/07/2018 | 3648819 | 18739627.0 |        |
| 3649781 | Huawei Technologies Co., Ltd.                                   | 04/07/2017 | 3649781 | 17735507.0 |        |
| 3650619 | Riikku Group Oy   | 07/11/2019 | 3650619 | 19207656.0 |        |
| 3650982 | Quanta Computer Inc.  | 02/08/2019 | 3650982 | 19189708.1 |        |
| 3651571 | Mowi ASA  | 09/07/2018 | 3651571 | 18831311.8 |        |
| 3652513 | Mastrad   | 20/12/2017 | 3652513 | 17826313.3 |        |
| 3653342 | MAX CO., LTD.   | 25/10/2019 | 3653342 | 19205365.0 |        |
| 3653612 | Eastman Chemical Company  | 10/06/2013 | 3653612 | 19217116.3 |        |
| 3653955 | LG Electronics Inc.   | 15/11/2019 | 3653955 | 19209294.8 |        |
| 3654286 | Panasonic Intellectual Property<br>Management Co., Ltd.         | 24/11/2014 | 3654286 | 19207713.9 |        |
| 3654788 | RAI Strategic Holdings, Inc.                                    | 16/07/2018 | 3654788 | 18753242.9 |        |
| 3655050 | Speed Care Mineral GmbH   | 20/07/2018 | 3655050 | 18745555.5 | German |
| 3655328 | Northrop Grumman Systems<br>Corporation                         | 20/07/2018 | 3655328 | 18752360.0 |        |
| 3655626 | Forum US, Inc.  | 20/07/2018 | 3655626 | 18752351.9 |        |
| 3655840 | Google LLC  | 09/05/2019 | 3655840 | 19726825.3 |        |
| 3657358 | ZTE Corporation   | 24/01/2018 | 3657358 | 18834444.4 |        |
| 3658318 | Gühring KG  | 27/07/2018 | 3658318 | 18746926.7 | German |
| 3658321 | Gühring KG  | 27/07/2018 | 3658321 | 18746929.1 | German |
| 3659104 | Starship Technologies OÜ  | 13/07/2018 | 3659104 | 18737929.2 |        |
| 3659730 | General Electric Company  | 22/10/2019 | 3659730 | 19204618.3 |        |
| 3659916 | Aeronext Inc.   | 27/07/2017 | 3659916 | 17919293.5 |        |
| 3660939 | BOE Technology Group Co., Ltd.                                  | 05/02/2018 | 3660939 | 18782869.4 |        |
| 3661115 | Mitsubishi Electric Corporation                                 | 01/09/2017 | 3661115 | 17923165.9 |        |
| 3661439 | Medos International Sàrl  | 31/07/2018 | 3661439 | 18842199.4 |        |

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| 3662303 | Qualcomm Incorporated  | 22/05/2018 | 3662303 | 18731638.5 |        |
| 3663471 | UNIWELL Rohrsysteme GmbH & Co.<br>KG   | 06/12/2019 | 3663471 | 19214062.2 | German |
| 3665047 | Laminair Systems Inc   | 21/07/2018 | 3665047 | 18834552.4 |        |
| 3665515 | Essilor International  | 08/08/2018 | 3665515 | 18753369.0 |        |
| 3666534 | BROTHER KOGYO KABUSHIKI<br>KAISHA  | 26/03/2010 | 3666534 | 20153442.7 |        |
| 3666637 | Brunswick Corporation  | 13/12/2019 | 3666637 | 19216250.1 |        |
| 3666687 | Shiseido Co., Ltd.   | 01/08/2018 | 3666687 | 18845014.2 |        |
| 3667311 | Teware, Inc.   | 07/08/2018 | 3667311 | 18844818.7 |        |
| 3667706 | Infineon Technologies AG   | 11/10/2019 | 3667706 | 19202851.2 |        |
| 3667997 | Samsung Electronics Co., Ltd.  | 21/09/2018 | 3667997 | 18858420.5 |        |
| 3668482 | Eccles, Nyjon Karl   | 15/08/2018 | 3668482 | 18759683.8 |        |
| 3668637 | Fresenius Medical Care Deutschland<br>GmbH   | 14/08/2018 | 3668637 | 18755451.4 | German |
| 3669278 | Siemens Mobility GmbH  | 27/09/2018 | 3669278 | 18785856.8 | German |
| 3671522 | INTEL Corporation  | 17/10/2019 | 3671522 | 19203719.0 |        |
| 3671647 | Canon Medical Systems Corporation  | 13/12/2019 | 3671647 | 19216172.7 |        |
| 3671935 | LG Energy Solution, Ltd.   | 21/09/2018 | 3671935 | 18859693.6 |        |
| 3672127 | QUALCOMM Incorporated  | 23/10/2017 | 3672127 | 20155999.4 |        |
| 3672499 | Cerus Endovascular Limited   | 21/08/2018 | 3672499 | 18758870.2 |        |
| 3672551 | Essity Hygiene and Health Aktiebolag   | 22/08/2017 | 3672551 | 17922398.7 |        |
| 3673045 | Boehringer Ingelheim International<br>GmbH   | 10/10/2018 | 3673045 | 18786718.9 |        |
| 3673212 | Seeley International Pty Ltd   | 31/08/2018 | 3673212 | 18849501.4 |        |
| 3673272 | Nederlandse Organisatie voor<br>toegepast- natuurwetenschappelijk<br>Onderzoek TNO | 23/08/2018 | 3673272 | 18766385.1 |        |
| 3673602 | Qualcomm Incorporated  | 22/08/2018 | 3673602 | 18762998.5 |        |
| 3673766 | Chataignon, Bruno Jean Marie   | 22/01/2016 | 3673766 | 19218839.9 | French |
| 3674570 | Nifco Inc.   | 19/04/2018 | 3674570 | 18849383.7 |        |
| 3675304 | IKS Co., Ltd.  | 17/08/2018 | 3675304 | 18848068.5 |        |
| 3675443 | QUALCOMM Incorporated  | 03/05/2011 | 3675443 | 20158236.8 |        |
| 3675695 | SEB S.A.   | 17/08/2018 | 3675695 | 18766317.4 | French |
| 3675930 | Bayer Healthcare LLC   | 28/08/2018 | 3675930 | 18766492.5 |        |
| 3675997 | Circular Resources (IP) Pte Limited  | 30/08/2018 | 3675997 | 18851791.6 |        |
| 3677266 | Taiho Pharmaceutical Co., Ltd.   | 31/08/2018 | 3677266 | 18851555.5 |        |

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| 3678095 | Boeing Defence UK Limited  | 27/09/2013 | 3678095 | 20151529.3 |        |
| 3678940 | Weber Maschinenbau GmbH<br>Breidenbach   | 05/10/2018 | 3678940 | 18789014.0 | German |
| 3679365 | Gdanski Uniwersytet Medyczny   | 07/09/2018 | 3679365 | 18789255.9 |        |
| 3679464 | Savant Systems, Inc.   | 06/09/2018 | 3679464 | 18782831.4 |        |
| 3680265 | Bridgestone Corporation  | 28/08/2018 | 3680265 | 18850936.8 |        |
| 3681068 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.                                    | 29/09/2017 | 3681068 | 17926587.1 |        |
| 3681200 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.                     | 08/09/2017 | 3681200 | 17924632.7 |        |
| 3681745 | Faiveley Transport Tours   | 08/10/2018 | 3681745 | 18796087.7 | French |
| 3682221 | Reflex Instruments Asia Pacific Pty Ltd  | 13/09/2018 | 3682221 | 18857120.2 |        |
| 3682737 | Agrint Sensing Solutions Ltd   | 20/01/2020 | 3682737 | 20152741.3 |        |
| 3683705 | Cobalt Iron, Inc.  | 20/03/2019 | 3683705 | 19164159.6 |        |
| 3684294 | Bausch + Lomb Ireland Limited  | 18/09/2018 | 3684294 | 18782614.4 |        |
| 3685592 | Sonion Nederland B.V.  | 13/07/2018 | 3685592 | 18740219.3 |        |
| 3685700 | Taiki Corp., Ltd.  | 30/08/2018 | 3685700 | 18859887.4 |        |
| 3686859 | Sumitomo Electric Optifrontier Co.,<br>Ltd.                                    | 04/09/2018 | 3686859 | 18859796.7 |        |
| 3687610 | Imed APS   | 25/09/2018 | 3687610 | 18778890.6 |        |
| 3687889 | Zipforce AB  | 20/09/2018 | 3687889 | 18779587.7 |        |
| 3688342 | ZF Friedrichshafen AG<br>ZF Wind Power Antwerpen NV                            | 29/08/2018 | 3688342 | 18765395.1 | German |
| 3689304 | Bollé Protection   | 31/01/2019 | 3689304 | 19305119.0 |        |
| 3690327 | LG Electronics Inc.  | 24/01/2020 | 3690327 | 20153611.7 |        |
| 3690385 | Minebea Mitsumi Inc.   | 26/09/2018 | 3690385 | 18860610.7 |        |
| 3690681 | BOE Technology Group Co., Ltd.<br>Ordos Yuansheng Optoelectronics Co.,<br>Ltd. | 25/09/2018 | 3690681 | 18860934.1 |        |
| 3690891 | Hualong Pressurized Water Reactor<br>Technology Corporation, Ltd.              | 06/09/2018 | 3690891 | 18862272.4 |        |
| 3691335 | DENSO CORPORATION  | 26/09/2018 | 3691335 | 18860471.4 |        |
| 3691494 | Metalsistem S.p.A.   | 05/10/2018 | 3691494 | 18792529.2 |        |
| 3692732 | Telefonaktiebolaget LM Ericsson (publ)   | 04/10/2018 | 3692732 | 18800041.8 |        |
| 3693261 | Tractebel Overdick GmbH  | 06/02/2020 | 3693261 | 20155976.2 | German |
| 3693290 | Toray Industries, Inc.   | 27/09/2018 | 3693290 | 18864565.9 |        |

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|---------|---|------------|---------|------------|--------|
| 3694016 | LG Energy Solution, Ltd.                          | 12/07/2019 | 3694016 | 19841159.7 |        |
| 3695021 | ArcelorMittal                                     | 14/09/2018 | 3695021 | 18774150.9 |        |
| 3696215 | Toray Industries, Inc.                            | 03/10/2018 | 3696215 | 18865844.7 |        |
| 3698110 | SAF-Holland, Inc.                                 | 16/10/2018 | 3698110 | 18868114.2 |        |
| 3698561 | Telefonaktiebolaget LM Ericsson<br>(PUBL)         | 20/10/2017 | 3698561 | 17787912.9 |        |
| 3698824 | Mozarc Medical US LLC                             | 19/02/2020 | 3698824 | 20158130.3 |        |
| 3699529 | LG Electronics Inc.                               | 24/02/2020 | 3699529 | 20158933.0 |        |
| 3700368 | Philip Morris Products S.A.                       | 19/10/2018 | 3700368 | 18789659.2 |        |
| 3700629 | Cardiawave SA                                     | 18/10/2018 | 3700629 | 18789134.6 | French |
| 3701422 | Motorola Solutions, Inc.                          | 29/10/2018 | 3701422 | 18870974.5 |        |
| 3701682 | Telefonaktiebolaget LM Ericsson (Publ)            | 08/10/2018 | 3701682 | 18785324.7 |        |
| 3701902 | Universidade do Minho                             | 26/10/2018 | 3701902 | 18822128.7 |        |
| 3701934 | Amorepacific Corporation                          | 20/09/2018 | 3701934 | 18860645.3 |        |
| 3702105 | Raimondi S.p.A.                                   | 13/02/2020 | 3702105 | 20157194.0 |        |
| 3702239 | Unilumin Group Co. Ltd.                           | 05/02/2020 | 3702239 | 20155579.4 |        |
| 3702439 | Sartorius Stedim Data Analytics AB                | 26/02/2019 | 3702439 | 19159403.5 |        |
| 3703080 | Furukawa Electric Co., Ltd.                       | 26/10/2018 | 3703080 | 18869517.5 |        |
| 3703390 | Sonova AG   | 27/02/2019 | 3703390 | 19159660.0 |        |
| 3704188 | Compagnie Générale des<br>Etablissements Michelin | 31/10/2017 | 3704188 | 17804694.2 |        |
| 3704386 | MTU Aero Engines AG                               | 31/10/2018 | 3704386 | 18807852.1 | German |
| 3704878 | Microsoft Technology Licensing, LLC               | 24/10/2018 | 3704878 | 18800414.7 |        |
| 3704968 | KT&G Corporation                                  | 29/10/2018 | 3704968 | 18873943.7 |        |
| 3705071 | Shanghai Reach Medical Instrument<br>Co.,Ltd      | 29/01/2019 | 3705071 | 19857280.2 |        |
| 3705440 | KONE Corporation                                  | 04/03/2019 | 3705440 | 19160536.9 |        |
| 3706301 | TDK Corporation                                   | 05/03/2020 | 3706301 | 20161247.0 |        |
| 3706350 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.       | 10/11/2017 | 3706350 | 17931557.7 |        |
| 3706645 | Avantec Vascular Corporation                      | 24/10/2018 | 3706645 | 18876764.4 |        |
| 3706924 | Satisloh AG                                       | 05/11/2018 | 3706924 | 18793696.8 |        |
| 3708211 | ResMed Pty Ltd                                    | 14/11/2014 | 3708211 | 20173008.2 |        |
| 3709027 | Hitachi High-Tech Corporation                     | 22/08/2018 | 3709027 | 18877159.6 |        |
| 3709220 | BROTHER KOGYO KABUSHIKI<br>KAISHA                 | 10/03/2020 | 3709220 | 20162135.6 |        |

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|---------|--|------------|---------|------------|--------|
| 3709516 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V.  | 03/03/2020 | 3709516 | 20160738.9 | German |
| 3710015 | Université Laval   | 15/11/2018 | 3710015 | 18879970.4 |        |
| 3710526 | Altergon S.a.  | 14/11/2018 | 3710526 | 18826795.9 |        |
| 3710545 | Actega North America Technologies,<br>Inc.                               | 14/11/2018 | 3710545 | 18812524.9 |        |
| 3710630 | ContiTech Antriebssysteme GmbH   | 07/08/2018 | 3710630 | 18752461.6 | German |
| 3710939 | Microsoft Technology Licensing, LLC                                      | 08/11/2018 | 3710939 | 18811420.1 |        |
| 3711113 | RF Microtech S.r.l.  | 16/11/2018 | 3711113 | 18819389.0 |        |
| 3711290 | Magic Leap, Inc.   | 13/11/2018 | 3711290 | 18877713.0 |        |
| 3711721 | Zuiko Corporation  | 26/10/2018 | 3711721 | 18877559.7 |        |
| 3711965 | Bizerba SE & Co. KG  | 19/03/2019 | 3711965 | 19163916.0 | German |
| 3712697 | QUALCOMM Incorporated  | 29/07/2008 | 3712697 | 20158892.8 |        |
| 3713186 | Giesecke+Devrient Mobile Security<br>Germany GmbH<br>Deutsche Telekom AG | 19/03/2019 | 3713186 | 19163720.6 |        |
| 3713417 | Bayer Aktiengesellschaft   | 15/11/2018 | 3713417 | 18800199.4 | German |
| 3713640 | SHIRATRONICS, INC.   | 21/11/2018 | 3713640 | 18881425.5 |        |
| 3713964 | NantBio, Inc.  | 16/11/2018 | 3713964 | 18878248.6 |        |
| 3714392 | Thales Dis France SAS  | 06/11/2018 | 3714392 | 18795683.4 |        |
| 3715807 | Adtran Networks SE   | 28/03/2019 | 3715807 | 19165936.6 |        |
| 3716512 | Samsung Display Co., Ltd.  | 20/09/2017 | 3716512 | 20175557.6 |        |
| 3717878 | Sensirion AG   | 23/10/2018 | 3717878 | 18795422.7 | German |
| 3719942 | OSRAM Opto Semiconductors GmbH   | 06/04/2011 | 3719942 | 20174808.4 | German |
| 3720084 | INTEL Corporation  | 31/01/2020 | 3720084 | 20154767.6 |        |
| 3721149 | Kanthal GmbH   | 07/12/2018 | 3721149 | 18819052.4 |        |
| 3721190 | Corning Incorporated   | 06/12/2018 | 3721190 | 18821971.1 |        |
| 3721521 | Wobben Properties GmbH   | 29/11/2018 | 3721521 | 18811532.3 | German |
| 3722223 | Betapack, S.A.U.   | 07/12/2017 | 3722223 | 17840590.8 |        |
| 3722362 | Mitsubishi Chemical Corporation  | 07/12/2018 | 3722362 | 18885133.1 |        |
| 3722401 | Henkel AG & Co. KGaA   | 10/04/2019 | 3722401 | 19168321.8 | German |
| 3722828 | Japan Aerospace Exploration Agency                                       | 13/11/2018 | 3722828 | 18885414.5 |        |
| 3725192 | Franke Technology and Trademark Ltd                                      | 18/04/2019 | 3725192 | 19170140.8 |        |
| 3726743 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.               | 14/02/2018 | 3726743 | 18906240.9 |        |
| 3727198 | Polynovo Biomaterials Pty Limited  | 21/12/2018 | 3727198 | 18890448.6 |        |

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| 3727609 | Victaulic Company   | 12/12/2018 | 3727609 | 18892999.6 |        |
| 3729149 | LG Innotek Co., Ltd.<br>Corning Incorporated  | 20/07/2018 | 3729149 | 18892864.2 |        |
| 3729185 | Snap Inc.   | 29/11/2018 | 3729185 | 18811337.7 |        |
| 3730208 | Tekna Plasma Systems Inc.   | 09/03/2015 | 3730208 | 20179564.8 |        |
| 3730239 | Citizen Watch Co., Ltd.<br>Citizen Machinery Co., Ltd.  | 06/07/2018 | 3730239 | 18891871.8 |        |
| 3731619 | Agro Intelligence ApS   | 18/12/2018 | 3731619 | 18833831.3 |        |
| 3732657 | Five AI Limited   | 13/03/2019 | 3732657 | 19712541.2 |        |
| 3733070 | Canon Kabushiki Kaisha  | 07/04/2020 | 3733070 | 20168394.3 |        |
| 3733345 | NIKON CORPORATION<br>DMG Mori Co., Ltd.   | 25/12/2017 | 3733345 | 17936150.6 |        |
| 3735005 | China Unionpay Co., Ltd.  | 13/11/2018 | 3735005 | 18894597.6 |        |
| 3735733 | TC1 LLC   | 17/12/2018 | 3735733 | 18839789.7 |        |
| 3735896 | Abbott Diabetes Care, Inc.  | 17/12/2013 | 3735896 | 20181886.1 |        |
| 3736094 | SCM Group S.p.A.  | 22/04/2020 | 3736094 | 20170829.4 |        |
| 3736462 | ArvinMeritor Technology, LLC  | 05/05/2020 | 3736462 | 20173009.0 |        |
| 3736590 | Siemens Healthcare GmbH   | 09/05/2019 | 3736590 | 19173532.3 | German |
| 3737086 | Sony Semiconductor Solutions<br>Corporation   | 18/09/2018 | 3737086 | 18898930.5 |        |
| 3738454 | Japan Tobacco Inc.  | 02/02/2018 | 3738454 | 18903497.8 |        |
| 3738460 | Woojin Plastic Co., Ltd   | 12/05/2020 | 3738460 | 20174267.3 |        |
| 3739002 | Hangzhou First Applied Material Co.,<br>Ltd.  | 20/03/2018 | 3739002 | 18900477.3 |        |
| 3739018 | DAIKIN INDUSTRIES, LTD.   | 24/12/2019 | 3739018 | 19912660.8 |        |
| 3739135 | Easy Sanitary Solutions B.V.  | 14/05/2020 | 3739135 | 20174835.7 |        |
| 3739408 | Siemens Aktiengesellschaft  | 13/05/2019 | 3739408 | 19174181.8 | German |
| 3740033 | Haimer GmbH   | 22/04/2020 | 3740033 | 20170868.2 | German |
| 3741311 | Boston Scientific Scimed Inc.   | 01/10/2008 | 3741311 | 20176024.6 |        |
| 3741353 | LG Household & Health Care Ltd.   | 21/01/2019 | 3741353 | 19740915.4 |        |
| 3741503 | Nakamura-Tome Precision Industry<br>Co., Ltd.   | 13/05/2020 | 3741503 | 20174486.9 |        |
| 3741967 | TVS Motor Company Limited   | 21/05/2019 | 3741967 | 19175645.1 |        |
| 3742040 | L'Air Liquide, société anonyme pour<br>l'Étude et l'Exploitation des procédés<br>Georges Claude | 04/05/2020 | 3742040 | 20172652.8 | French |
| 3742071 | LG Electronics Inc.   | 11/05/2020 | 3742071 | 20173850.7 |        |



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| 3742072 | LG Electronics Inc.   | 11/05/2020 | 3742072 | 20173851.5 |        |
| 3742420 | HERE Global B.V.  | 19/05/2020 | 3742420 | 20175343.1 |        |
| 3743836 | Samsung Electronics Co., Ltd.                                   | 02/05/2019 | 3743836 | 19797140.1 |        |
| 3744628 | Airbus Operations, S.L.U.                                       | 31/05/2019 | 3744628 | 19382448.9 |        |
| 3745016 | Toshiba Lighting & Technology Corporation                       | 25/02/2020 | 3745016 | 20159177.3 |        |
| 3745198 | Aptiv Technologies Limited                                      | 28/05/2019 | 3745198 | 19176992.6 |        |
| 3745308 | Tencent Technology (Shenzhen) Company Limited                   | 30/11/2018 | 3745308 | 18902036.5 |        |
| 3745718 | Idis Co., Ltd.  | 10/03/2020 | 3745718 | 20162008.5 |        |
| 3747187 | Sony Semiconductor Solutions Corporation                        | 23/01/2019 | 3747187 | 19704467.0 |        |
| 3747818 | Otis Elevator Company   | 05/06/2019 | 3747818 | 19382460.4 |        |
| 3748223 | Zumtobel Lighting GmbH  | 04/06/2020 | 3748223 | 20178196.0 | German |
| 3748293 | Innovative Solutions & Support, Inc.                            | 05/09/2017 | 3748293 | 20187280.1 |        |
| 3748420 | National Institute of Information and Communications Technology | 30/01/2019 | 3748420 | 19746878.8 |        |
| 3748807 | MAZDA MOTOR CORPORATION   | 18/05/2020 | 3748807 | 20175156.7 |        |
| 3749523 | Hinderer + Mühlich GmbH & Co. Kg Koenig & Bauer AG              | 28/01/2019 | 3749523 | 19702252.8 | German |
| 3749616 | SWR New Energy GmbH   | 17/03/2020 | 3749616 | 20712314.2 | German |
| 3749786 | SYNGENTA PARTICIPATIONS AG                                      | 05/02/2019 | 3749786 | 19702113.2 |        |
| 3750492 | Neuravi Limited   | 12/06/2020 | 3750492 | 20179642.2 |        |
| 3751401 | Samsung Display Co., Ltd.                                       | 11/06/2013 | 3751401 | 20188769.2 |        |
| 3752643 | F. Hoffmann-La Roche AG   | 11/02/2019 | 3752643 | 19704790.5 |        |
| 3753102 | FCX Solar LLC   | 13/02/2019 | 3753102 | 19754396.0 |        |
| 3754050 | Hamilton Sundstrand Corporation                                 | 25/11/2019 | 3754050 | 19211210.0 |        |
| 3754163 | TOYOTA JIDOSHA KABUSHIKI KAISHA                                 | 19/06/2020 | 3754163 | 20181159.3 |        |
| 3754336 | 3-D Matrix, Ltd.  | 08/02/2019 | 3754336 | 19753825.9 |        |
| 3754837 | Schneider Electric Industries SAS                               | 17/06/2019 | 3754837 | 19180500.1 | German |
| 3754928 | NTT DOCOMO, INC.  | 13/02/2018 | 3754928 | 18906386.0 |        |
| 3755031 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.            | 18/09/2018 | 3755031 | 18933991.4 |        |
| 3756212 | Atomera Incorporated  | 07/03/2019 | 3756212 | 19713612.0 |        |
| 3757341 | GEZE GmbH   | 24/03/2020 | 3757341 | 20165300.3 | German |

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| 3757393 | BSH Hausgeräte GmbH   | 26/05/2020 | 3757393 | 20176498.2 |        |
| 3757605 | Pioneer Corporation   | 07/02/2019 | 3757605 | 19757948.5 |        |
| 3758681 | LipoCoat IP Holding B.V.  | 26/02/2019 | 3758681 | 19706669.9 |        |
| 3759008 | Continental Autonomous Mobility<br>Germany GmbH   | 26/02/2019 | 3759008 | 19709622.5 | German |
| 3761351 | Mitsubishi Materials Corporation  | 26/02/2019 | 3761351 | 19760099.2 |        |
| 3761612 | ORANGE  | 03/06/2015 | 3761612 | 20184755.5 | French |
| 3761758 | The Boeing Company  | 09/04/2020 | 3761758 | 20168882.7 |        |
| 3763596 | ALSTOM Holdings   | 08/07/2020 | 3763596 | 20184802.5 |        |
| 3764336 | HYUNDAI MOTOR COMPANY<br>Kia Corporation  | 13/07/2020 | 3764336 | 20185519.4 |        |
| 3765171 | UOP LLC   | 15/03/2019 | 3765171 | 19767007.8 |        |
| 3765519 | Fundación para la Investigación<br>Biomédica del Hospital Universitario la<br>Paz<br>Fundación del Sector Público Estatal<br>Centro Nacional de Investigaciones<br>Oncológicas Carlos III (F.S.P. CNIO) | 13/03/2019 | 3765519 | 19719623.1 |        |
| 3765716 | UOP LLC   | 15/03/2019 | 3765716 | 19767446.8 |        |
| 3765897 | Digilens Inc.   | 18/03/2019 | 3765897 | 19766755.3 |        |
| 3767918 | Siip Intellectual Property B.V.   | 14/07/2020 | 3767918 | 20185785.1 |        |
| 3768469 | Milwaukee Electric Tool Corporation   | 21/03/2019 | 3768469 | 19770693.0 |        |
| 3768931 | ASSA ABLOY (Schweiz) AG   | 18/03/2019 | 3768931 | 19711600.7 | German |
| 3769119 | Northrop Grumman Systems<br>Corporation   | 27/02/2019 | 3769119 | 19710900.2 |        |
| 3769452 | QUALCOMM Incorporated   | 19/03/2019 | 3769452 | 19715304.2 |        |
| 3769551 | Samsung Electronics Co., Ltd.   | 05/04/2019 | 3769551 | 19782012.9 |        |
| 3770291 | NIPPON STEEL CORPORATION  | 20/03/2019 | 3770291 | 19772012.1 |        |
| 3770370 | ASSA ABLOY (Schweiz) AG   | 23/07/2019 | 3770370 | 19187846.1 | German |
| 3771261 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.   | 28/03/2018 | 3771261 | 18913019.8 |        |
| 3771281 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.   | 29/03/2018 | 3771281 | 18912062.9 |        |
| 3771553 | Shizuoka Prefecture<br>Nidek Co., Ltd.  | 30/07/2020 | 3771553 | 20188556.3 |        |
| 3771971 | Samsung Electronics Co., Ltd.   | 23/07/2020 | 3771971 | 20187324.7 |        |
| 3772277 | Universidade de Évora   | 06/08/2019 | 3772277 | 19190294.9 |        |

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| 3772576 | VOLKSWAGEN AG  | 04/08/2020 | 3772576 | 20189326.0 | German |
| 3773103 | Kimberly-Clark Worldwide, Inc.   | 03/04/2019 | 3773103 | 19785181.9 |        |
| 3773399 | The Procter & Gamble Company   | 26/03/2019 | 3773399 | 19716269.6 |        |
| 3773777 | 3M Innovative Properties Company   | 25/03/2019 | 3773777 | 19716660.6 |        |
| 3773781 | 3M Innovative Properties Company   | 09/04/2019 | 3773781 | 19719089.5 |        |
| 3773877 | The Board of Trustees of the Leland<br>Stanford Junior University<br>Novocure GmbH | 03/07/2019 | 3773877 | 19745429.1 |        |
| 3775409 | Caterpillar Inc.   | 08/03/2019 | 3775409 | 19715281.2 |        |
| 3775979 | Opsys Tech Ltd.  | 27/03/2019 | 3775979 | 19781037.7 |        |
| 3776208 | International Business Machines<br>Corporation                                     | 08/03/2019 | 3776208 | 19711046.3 |        |
| 3776221 | QUALCOMM INCORPORATED  | 25/01/2019 | 3776221 | 19704948.9 |        |
| 3776607 | Intel Corporation  | 30/03/2018 | 3776607 | 18911921.7 |        |
| 3776652 | Google LLC   | 11/11/2019 | 3776652 | 19817458.3 |        |
| 3777585 | KT&G Corporation   | 07/03/2019 | 3777585 | 19786080.2 |        |
| 3777723 | Shockwave Medical, Inc.  | 04/10/2017 | 3777723 | 20197061.3 |        |
| 3777979 | E-nitiate Biopharmaceuticals<br>(Hangzhou) Co., Ltd                                | 21/03/2019 | 3777979 | 19791850.1 |        |
| 3777988 | Donaldson Company, Inc.  | 11/08/2017 | 3777988 | 20179860.0 |        |
| 3778101 | Panasonic Intellectual Property<br>Management Co., Ltd.                            | 19/03/2019 | 3778101 | 19785735.2 |        |
| 3778303 | STILL GmbH   | 28/07/2020 | 3778303 | 20188199.2 | German |
| 3778837 | The Lubrizol Corporation   | 24/02/2017 | 3778837 | 20191100.5 |        |
| 3779554 | Leica Instruments (Singapore) Pte. Ltd.  | 14/08/2019 | 3779554 | 19191816.8 |        |
| 3779566 | Pegatron Corporation   | 30/07/2020 | 3779566 | 20188618.1 |        |
| 3779574 | Sumitomo Osaka Cement Co., Ltd.  | 27/02/2019 | 3779574 | 19776059.8 |        |
| 3780820 | Datang Mobile Communications<br>Equipment Co., Ltd.                                | 12/04/2019 | 3780820 | 19785834.3 |        |
| 3781053 | Verb Surgical Inc.   | 03/05/2018 | 3781053 | 18915510.4 |        |
| 3781372 | PERI SE  | 20/04/2019 | 3781372 | 19719263.6 | German |
| 3781571 | F. Hoffmann-La Roche AG  | 18/04/2019 | 3781571 | 19721945.4 |        |
| 3781699 | Materion Corporation   | 18/04/2019 | 3781699 | 19722378.7 |        |
| 3782433 | Telefonaktiebolaget LM Ericsson (publ)   | 12/04/2019 | 3782433 | 19726145.6 |        |
| 3782672 | Nikkiso Company Limited  | 15/05/2019 | 3782672 | 19803045.4 |        |
| 3782841 | HYUNDAI MOTOR COMPANY<br>Kia Corporation   | 13/01/2020 | 3782841 | 20151382.7 |        |

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|---------|--|------------|---------|------------|--------|
| 3783734 | Contemporary Amperex Technology Co., Limited   | 30/03/2020 | 3783734 | 20166715.1 |        |
| 3783947 | HUAWEI TECHNOLOGIES CO., LTD.  | 14/08/2015 | 3783947 | 20184830.6 |        |
| 3783957 | HUAWEI TECHNOLOGIES CO., LTD.  | 10/06/2019 | 3783957 | 19815490.8 |        |
| 3783975 | NTT DOCOMO, INC.   | 12/04/2019 | 3783975 | 19788729.2 |        |
| 3784082 | Service a la Personne Technologie Active Sarl  | 23/04/2019 | 3784082 | 19730211.0 | French |
| 3785124 | Microsoft Technology Licensing, LLC  | 06/04/2019 | 3785124 | 19718889.9 |        |
| 3785586 | LG Electronics Inc.  | 27/08/2020 | 3785586 | 20193187.0 |        |
| 3785741 | Nantong University   | 11/09/2019 | 3785741 | 19910911.7 |        |
| 3785835 | KENNAMETAL INC.  | 11/08/2020 | 3785835 | 20190517.1 |        |
| 3786430 | Rolls-Royce plc  | 29/07/2020 | 3786430 | 20188294.1 |        |
| 3787575 | Sanavita Pharmaceuticals GmbH  | 03/05/2019 | 3787575 | 19722842.2 | German |
| 3788310 | Porteros De Luz, Veronica  | 06/05/2019 | 3788310 | 19796390.3 |        |
| 3788678 | TE Connectivity Solutions GmbH   | 28/04/2018 | 3788678 | 18916447.8 |        |
| 3789223 | Iveco S.p.A.   | 03/09/2020 | 3789223 | 20194331.3 |        |
| 3790689 | Thixotropic Piston Injection Technology GmbH   | 06/03/2019 | 3790689 | 19710583.6 | German |
| 3792313 | Sekisui Fuller Company, Ltd.   | 08/05/2019 | 3792313 | 19799878.4 |        |
| 3792638 | Murata Manufacturing Co., Ltd.   | 10/09/2020 | 3792638 | 20195500.2 |        |
| 3794199 | Vågå Teknikk AS  | 15/05/2019 | 3794199 | 19726333.8 |        |
| 3794909 | Selc Ireland Ltd   | 15/05/2019 | 3794909 | 19725105.1 |        |
| 3795087 | FUJIFILM Corporation   | 08/05/2019 | 3795087 | 19804172.5 |        |
| 3795371 | YAMAHA CORPORATION   | 31/01/2019 | 3795371 | 19912396.9 |        |
| 3796848 | Smith&Nephew, Inc.<br>Smith & Nephew Orthopaedics AG<br>Smith & Nephew Asia Pacific Pte. Limited | 20/05/2019 | 3796848 | 19728300.5 |        |
| 3797179 | Alleima Tube AB  | 23/05/2019 | 3797179 | 19724876.8 |        |
| 3797754 | Beijing Xiaomi Mobile Software Co., Ltd.   | 24/02/2020 | 3797754 | 20159134.4 |        |
| 3797977 | Chou, Wen-San<br>Chou, Cheng-Hsien   | 07/09/2020 | 3797977 | 20194929.4 |        |
| 3797978 | Chou, Wen-San<br>Chou, Cheng-Hsien   | 07/09/2020 | 3797978 | 20194930.2 |        |

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| 3798195 | Hamilton Sundstrand Corporation  | 08/07/2020 | 3798195 | 20184722.5 |        |
| 3799923 | SPR Therapeutics, Inc.   | 15/03/2013 | 3799923 | 20210229.9 |        |
| 3799954 | SQW Sauerländer Quality Water GmbH<br>& Co. KG                                 | 01/10/2020 | 3799954 | 20199609.7 | German |
| 3800386 | Zibo Votaisi Petrochemical Equipment<br>Co., Ltd                               | 29/04/2019 | 3800386 | 19797133.6 |        |
| 3800514 | Comadur S.A.   | 04/10/2019 | 3800514 | 19201389.4 | French |
| 3801440 | Orofino Pharmaceuticals Group SRL  | 23/05/2019 | 3801440 | 19729856.5 |        |
| 3801466 | THE UNIVERSITY OF SOUTHERN<br>CALIFORNIA<br>California Institute of Technology | 11/06/2019 | 3801466 | 19820418.2 |        |
| 3801731 | The Procter & Gamble Company   | 11/06/2019 | 3801731 | 19734583.8 |        |
| 3802107 | Officine Maccaferri S.p.A.   | 23/05/2019 | 3802107 | 19733557.3 |        |
| 3802710 | S.C. Johnson & Son, Inc.   | 10/06/2019 | 3802710 | 19737935.7 |        |
| 3802949 | MERCER INTERNATIONAL INC.  | 12/04/2019 | 3802949 | 19785854.1 |        |
| 3802968 | Motion Metrics International Corp.   | 01/06/2018 | 3802968 | 18920710.3 |        |
| 3803075 | HUTCHINSON S.r.l.  | 05/06/2019 | 3803075 | 19736813.7 |        |
| 3803087 | Volvo Truck Corporation  | 06/06/2018 | 3803087 | 18729946.6 |        |
| 3803240 | Samsung Electronics Co., Ltd.  | 05/11/2019 | 3803240 | 19882482.3 |        |
| 3803668 | Microsoft Technology Licensing, LLC  | 31/05/2019 | 3803668 | 19732505.3 |        |
| 3804160 | QUALCOMM INCORPORATED  | 26/04/2019 | 3804160 | 19723937.9 |        |
| 3804187 | QUALCOMM Incorporated  | 28/05/2019 | 3804187 | 19811117.1 |        |
| 3804314 | InterDigital VC Holdings, Inc.   | 21/05/2019 | 3804314 | 19728846.7 |        |
| 3804862 | Imerys Pigments, Inc.  | 10/10/2013 | 3804862 | 20204177.8 |        |
| 3805083 | Li, Zhipeng  | 26/03/2019 | 3805083 | 19814434.7 |        |
| 3805469 | Parker-Hannifin Corporation  | 15/08/2016 | 3805469 | 20200497.4 |        |
| 3805481 | Grohe AG   | 11/10/2019 | 3805481 | 19202768.8 |        |
| 3805613 | Deere & Company  | 08/09/2020 | 3805613 | 20195024.3 | German |
| 3805687 | Mitsubishi Electric Corporation  | 11/06/2018 | 3805687 | 18922713.5 |        |
| 3805871 | Meco S.A.  | 09/10/2019 | 3805871 | 19202194.7 | French |
| 3806691 | Dussouchet, Gael   | 15/06/2019 | 3806691 | 19739395.2 | French |
| 3807186 | AUTOSTORE TECHNOLOGY AS  | 11/06/2019 | 3807186 | 19730167.4 |        |
| 3807336 | Fresenius Medical Care Deutschland<br>GmbH                                     | 12/06/2019 | 3807336 | 19730753.1 | German |
| 3807463 | Battisti, Lorenzo  | 12/06/2019 | 3807463 | 19740648.1 |        |
| 3807710 | Magic Leap, Inc.   | 18/06/2019 | 3807710 | 19822291.1 |        |
| 3808165 | Deere & Company  | 05/10/2020 | 3808165 | 20199983.6 |        |

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| 3808166 | Deere & Company                                  | 05/10/2020 | 3808166 | 20199977.8 |        |
| 3808217 | Grass GmbH                                       | 01/10/2020 | 3808217 | 20199655.0 | German |
| 3808730 | MITSUBISHI GAS CHEMICAL<br>COMPANY, INC.         | 17/06/2019 | 3808730 | 19822780.3 |        |
| 3809052 | Mitsubishi Electric Corporation                  | 15/06/2018 | 3809052 | 18922748.1 |        |
| 3810086 | Tremblay, Mario Elmen                            | 09/05/2019 | 3810086 | 19749465.1 |        |
| 3810570 | Novartis AG                                      | 17/05/2019 | 3810570 | 19734886.5 |        |
| 3811562 | Auth9, Inc.                                      | 25/06/2019 | 3811562 | 19824666.2 |        |
| 3811864 | Podo Activa, S.L.                                | 22/06/2018 | 3811864 | 18923687.0 |        |
| 3812025 | Hydro International Ltd                          | 21/10/2020 | 3812025 | 20202972.4 |        |
| 3812097 | Makita Corporation                               | 19/10/2020 | 3812097 | 20202562.3 |        |
| 3812176 | Bridgestone Corporation                          | 07/06/2019 | 3812176 | 19823358.7 |        |
| 3812295 | Papier-Mettler KG                                | 24/10/2019 | 3812295 | 19205135.7 | German |
| 3812686 | Microtech Knives, Inc.                           | 23/10/2020 | 3812686 | 20203578.8 |        |
| 3812853 | Soft Servo Systems, Inc.                         | 22/06/2018 | 3812853 | 18923308.3 |        |
| 3812855 | Soft Servo Systems, Inc.                         | 22/06/2018 | 3812855 | 18923594.8 |        |
| 3812863 | SICK AG  | 28/09/2020 | 3812863 | 20198583.5 | German |
| 3813426 | HUAWEI TECHNOLOGIES CO.,<br>LTD.                 | 21/06/2019 | 3813426 | 19823097.1 |        |
| 3813557 | Philip Morris Products S.A.                      | 28/06/2019 | 3813557 | 19734088.8 |        |
| 3813562 | Philip Morris Products S.A.                      | 28/06/2019 | 3813562 | 19734793.3 |        |
| 3813693 | SPIRECUT SA                                      | 01/07/2019 | 3813693 | 19736822.8 |        |
| 3814329 | F. Hoffmann-La Roche AG<br>ETH Zurich            | 25/06/2019 | 3814329 | 19733484.0 |        |
| 3814469 | The Procter & Gamble Company                     | 25/06/2019 | 3814469 | 19740138.3 |        |
| 3814553 | Comadur S.A.                                     | 18/06/2019 | 3814553 | 19730182.3 | French |
| 3814727 | Endress+Hauser SE+Co. KG                         | 23/05/2019 | 3814727 | 19726667.9 | German |
| 3815501 | Deere & Company                                  | 29/10/2020 | 3815501 | 20204522.5 |        |
| 3815530 | Shin-Etsu Chemical Co., Ltd.                     | 26/10/2020 | 3815530 | 20203794.1 |        |
| 3816012 | Voith Patent GmbH                                | 28/10/2020 | 3816012 | 20204321.2 | German |
| 3816758 | Nokia Solutions and Networks Oy                  | 14/10/2020 | 3816758 | 20201674.7 |        |
| 3817198 | AISIN CORPORATION                                | 28/06/2019 | 3817198 | 19845044.7 |        |
| 3817881 | Endress+Hauser SE+Co. KG                         | 13/06/2019 | 3817881 | 19731661.5 | German |
| 3818225 | Julius Blum GmbH                                 | 27/06/2019 | 3818225 | 19739853.0 | German |
| 3818243 | Baker Hughes Holdings LLC                        | 03/07/2019 | 3818243 | 19829827.5 |        |
| 3818337 | H3 Dynamics Pte. Ltd.<br>Jurong Town Corporation | 02/07/2019 | 3818337 | 19829821.8 |        |

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| 3818348 | Endress+Hauser Wetzler GmbH+CO.<br>KG         | 02/07/2019 | 3818348 | 19736358.3 | German |
| 3818926 | DermLite LLC                                  | 11/11/2020 | 3818926 | 20206915.9 |        |
| 3818968 | 3M Innovative Properties Company              | 05/11/2019 | 3818968 | 19207207.2 |        |
| 3820756 | Renault s.a.s                                 | 09/07/2019 | 3820756 | 19740330.6 | French |
| 3820875 | Laurus Labs Limited                           | 11/07/2019 | 3820875 | 19833655.4 |        |
| 3821300 | Tissot S.A.                                   | 20/06/2019 | 3821300 | 19732353.8 | French |
| 3821883 | SEKISUI CHEMICAL CO., LTD.                    | 10/07/2019 | 3821883 | 19834887.2 |        |
| 3822624 | Robert Bosch GmbH                             | 21/09/2020 | 3822624 | 20197188.4 | German |
| 3823155 | Mitsuba Corporation                           | 18/01/2019 | 3823155 | 19833121.7 |        |
| 3823329 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.   | 03/08/2020 | 3823329 | 20189176.9 |        |
| 3824821 | Neuravi Limited                               | 18/11/2020 | 3824821 | 20208319.2 |        |
| 3825511 | Idroweld S.r.l.                               | 11/11/2020 | 3825511 | 20020525.0 |        |
| 3825770 | CANON KABUSHIKI KAISHA                        | 26/02/2016 | 3825770 | 20209710.1 |        |
| 3826574 | Kulzer GmbH                                   | 11/09/2019 | 3826574 | 19769423.5 | German |
| 3827656 | CNH Industrial Belgium N.V.                   | 23/11/2020 | 3827656 | 20209354.8 |        |
| 3827662 | CNH Industrial Italia S.p.A.                  | 27/11/2020 | 3827662 | 20210492.3 |        |
| 3827687 | NIKE Innovate C.V.                            | 20/06/2011 | 3827687 | 21150831.2 |        |
| 3827972 | SMRC Automotive Holdings<br>Netherlands B.V.  | 17/11/2020 | 3827972 | 20208170.9 | French |
| 3828622 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.   | 28/04/2020 | 3828622 | 20171816.0 |        |
| 3828623 | Sumitomo Osaka Cement Co., Ltd.               | 26/11/2020 | 3828623 | 20209958.6 |        |
| 3829088 | ZTE Corporation                               | 24/05/2019 | 3829088 | 19824821.3 |        |
| 3829472 | L'OREAL                                       | 30/07/2019 | 3829472 | 19752373.1 |        |
| 3829861 | LEONARDO S.p.A.                               | 27/03/2020 | 3829861 | 20719722.9 |        |
| 3830480 | Spirax-Sarco Limited                          | 01/08/2019 | 3830480 | 19749329.9 |        |
| 3830614 | Meta Platforms Technologies, LLC              | 11/02/2019 | 3830614 | 19843455.7 |        |
| 3830859 | Eagle Harbor Technologies, Inc.               | 29/07/2019 | 3830859 | 19840682.9 |        |
| 3830998 | TELEFONAKTIEBOLAGET LM<br>ERICSSON (PUBL)     | 24/05/2019 | 3830998 | 19728150.4 |        |
| 3831881 | LG Chem, Ltd.                                 | 04/06/2020 | 3831881 | 20821769.5 |        |
| 3832035 | Hitachi Construction Machinery Co.,<br>Ltd.   | 11/10/2019 | 3832035 | 19873734.8 |        |
| 3832522 | Wuxi Hyesoft Software Technology<br>Co., Ltd. | 22/07/2019 | 3832522 | 19844212.1 |        |

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| 3832801 | OMRON Corporation                                    | 06/03/2019 | 3832801 | 19870347.2 |        |
| 3833126 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.          | 03/08/2018 | 3833126 | 18928368.2 |        |
| 3833662 | Janssen Pharmaceutica NV                             | 19/08/2019 | 3833662 | 19773579.8 |        |
| 3833880 | J.S.T. Corporation                                   | 18/07/2019 | 3833880 | 19846634.4 |        |
| 3834195 | Sonus Limited  | 07/08/2019 | 3834195 | 19753441.5 |        |
| 3834770 | Shenzhen Yunding Information<br>Technology Co., Ltd. | 20/02/2020 | 3834770 | 20158432.3 |        |
| 3834788 | Koyo Corporation                                     | 08/08/2019 | 3834788 | 19848029.5 |        |
| 3836127 | Toca Football, Inc.                                  | 13/11/2020 | 3836127 | 20207567.7 |        |
| 3836619 | Datang Mobile Communications<br>Equipment Co., Ltd.  | 05/06/2019 | 3836619 | 19847762.2 |        |
| 3836626 | HUAWEI TECHNOLOGIES CO.,<br>LTD.                     | 27/09/2019 | 3836626 | 19864117.7 |        |
| 3836982 | Motus GI Medical Technologies Ltd.                   | 16/08/2019 | 3836982 | 19850154.6 |        |
| 3837330 | Mexichem Fluor S.A. de C.V.                          | 14/08/2019 | 3837330 | 19768871.6 |        |
| 3837774 | InterDigital Patent Holdings, Inc.                   | 16/08/2019 | 3837774 | 19765346.2 |        |
| 3837943 | Deere & Company                                      | 02/12/2020 | 3837943 | 20211131.6 |        |
| 3838044 | Dainese S.p.A.                                       | 16/12/2020 | 3838044 | 20214724.5 |        |
| 3838198 | Warsaw Orthopedic, Inc.                              | 19/11/2020 | 3838198 | 20208609.6 |        |
| 3838450 | JFE Steel Corporation                                | 10/10/2019 | 3838450 | 19871768.8 |        |
| 3838465 | Koki Company Limited                                 | 01/10/2019 | 3838465 | 19869346.7 |        |
| 3839685 | STILL GmbH   | 27/11/2020 | 3839685 | 20210339.6 | German |
| 3840111 | Autel Robotics Co., Ltd.                             | 25/10/2016 | 3840111 | 20215496.9 |        |
| 3840513 | NTT DOCOMO, INC.                                     | 30/08/2017 | 3840513 | 21155443.1 |        |
| 3840829 | Lumia Group, LLC                                     | 21/08/2019 | 3840829 | 19851291.5 |        |
| 3840916 | Blum-Novotest GmbH                                   | 19/08/2019 | 3840916 | 19755912.3 | German |
| 3841168 | ExxonMobil Chemical Patents Inc.                     | 15/08/2019 | 3841168 | 19759853.5 |        |
| 3842017 | Ontex BV<br>Ontex Group NV                           | 24/12/2019 | 3842017 | 19219708.5 |        |
| 3842716 | Vestel Beyaz Esya Sanayi ve Ticaret<br>A.S.          | 24/12/2020 | 3842716 | 20217180.7 |        |
| 3842785 | Iris International, Inc.                             | 17/03/2014 | 3842785 | 21158285.3 |        |
| 3842811 | Yamaichi Electronics Co., Ltd.                       | 26/11/2020 | 3842811 | 20210048.3 |        |
| 3844143 | Gyros Protein Technologies AB                        | 27/08/2019 | 3844143 | 19758980.7 |        |
| 3844534 | Raytheon Company                                     | 29/07/2019 | 3844534 | 19759772.7 |        |
| 3844695 | Digiwood AB  | 22/08/2019 | 3844695 | 19855905.6 |        |



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| 3844806 | Yangtze Memory Technologies Co.,<br>Ltd.   | 22/11/2018 | 3844806 | 18940968.3 |        |
| 3845052 | Deere & Company  | 25/11/2020 | 3845052 | 20209900.8 |        |
| 3845447 | Brunswick Corporation  | 30/12/2020 | 3845447 | 20217834.9 |        |
| 3846150 | Johnson Health Tech Co Ltd   | 10/11/2020 | 3846150 | 20206819.3 |        |
| 3847379 | Hilti Aktiengesellschaft   | 20/08/2019 | 3847379 | 19755633.5 | German |
| 3847519 | The Coca-Cola Company  | 06/09/2019 | 3847519 | 19857906.2 |        |
| 3847836 | Thales Dis France SAS  | 22/08/2019 | 3847836 | 19756188.9 |        |
| 3847853 | Panasonic Intellectual Property<br>Corporation of America  | 29/08/2019 | 3847853 | 19858255.3 |        |
| 3848405 | Mitsubishi Chemical Corporation  | 02/09/2019 | 3848405 | 19856811.5 |        |
| 3848586 | Gree Green Refrigeration Technology<br>Center Co. Ltd. of Zhuhai   | 24/09/2019 | 3848586 | 19891831.0 |        |
| 3848864 | Uptime Holding GmbH  | 14/10/2020 | 3848864 | 20201678.8 | German |
| 3849169 | HUAWEI TECHNOLOGIES CO.,<br>LTD.   | 06/11/2019 | 3849169 | 19893419.2 |        |
| 3849716 | Alfred Kärcher SE & Co. KG   | 22/08/2019 | 3849716 | 19758407.1 | German |
| 3850455 | Perceptual Robotics Limited  | 06/09/2019 | 3850455 | 19766337.0 |        |
| 3850770 | ZTE Corporation  | 10/09/2019 | 3850770 | 19860519.8 |        |
| 3851030 | Labrador Diagnostics LLC   | 10/09/2004 | 3851030 | 20212978.9 |        |
| 3851570 | LG Electronics Inc.  | 31/05/2019 | 3851570 | 21161467.2 |        |
| 3851735 | LG Innotek Co., Ltd.   | 09/09/2019 | 3851735 | 19860504.0 |        |
| 3851832 | BD Kiestra B.V.  | 30/01/2015 | 3851832 | 21159681.2 |        |
| 3852455 | Datang Mobile Communications<br>Equipment Co., Ltd.  | 30/10/2019 | 3852455 | 19879471.1 |        |
| 3852566 | 3M Innovative Properties Company   | 19/09/2018 | 3852566 | 18782208.5 |        |
| 3853615 | Siemens Healthcare Diagnostics, Inc.   | 19/09/2019 | 3853615 | 19861573.4 |        |
| 3853678 | Herting, Torsten   | 19/09/2019 | 3853678 | 19769508.3 | German |
| 3854322 | Neuravi Limited  | 01/09/2017 | 3854322 | 21161963.0 |        |
| 3854772 | Shanghai Supezet Engineering<br>Technology Co., Ltd.<br>Hanyi Shenfei New Materials Co., Ltd.<br>China University of Petroleum (East<br>China) | 19/09/2019 | 3854772 | 19867980.5 |        |

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| 3854790 | Suzhou Genhouse Pharmaceutical Co.,<br>Ltd.<br>Shandong New Time Pharmaceutical<br>Co., Ltd. | 19/09/2018 | 3854790 | 18934491.4 |        |
| 3855288 | QUALCOMM Incorporated  | 23/01/2017 | 3855288 | 20207532.1 |        |
| 3855695 | New H3C Technologies Co., Ltd.   | 19/09/2019 | 3855695 | 19863952.8 |        |
| 3857808 | Samsung Electronics Co., Ltd.  | 23/01/2020 | 3857808 | 20745470.3 |        |
| 3861663 | Telefonaktiebolaget LM Ericsson (publ)   | 04/10/2019 | 3861663 | 19790809.8 |        |
| 3861901 | TVS S.p.A.   | 08/02/2021 | 3861901 | 21155761.6 |        |
| 3861957 | Globus Medical, Inc.   | 09/02/2021 | 3861957 | 21155953.9 |        |
| 3862512 | Max Co., Ltd.  | 09/02/2021 | 3862512 | 21156042.0 |        |
| 3863445 | JT International SA  | 09/10/2019 | 3863445 | 19783323.9 |        |
| 3863493 | Foshan Shunde Midea Washing<br>Appliances Manufacturing Co., Ltd.                            | 24/07/2019 | 3863493 | 19895143.6 |        |
| 3863500 | OLYMPUS WINTER & IBE GMBH  | 21/10/2019 | 3863500 | 19801211.4 | German |
| 3863582 | The Procter & Gamble Company   | 09/10/2019 | 3863582 | 19794383.0 |        |
| 3863801 | MB "PEILIU EKSPERTAI"  | 11/09/2019 | 3863801 | 19783688.5 |        |
| 3864269 | Renault s.a.s<br>NISSAN MOTOR CO., LTD.  | 16/09/2019 | 3864269 | 19766052.5 | French |
| 3865069 | Globus Medical, Inc.   | 16/02/2021 | 3865069 | 21157447.0 |        |
| 3865449 | KONE Corporation   | 12/02/2020 | 3865449 | 20156948.0 |        |
| 3865617 | Henkel AG & Co. KGaA   | 11/07/2017 | 3865617 | 21166530.2 | German |
| 3868190 | Seedmaster Manufacturing Ltd.  | 01/05/2020 | 3868190 | 20172617.1 |        |
| 3868735 | Chang, Ming-Cheng<br>Novacorp Inc.   | 22/01/2021 | 3868735 | 21153059.7 |        |
| 3868954 | Godelmann GmbH & Co. KG  | 24/02/2021 | 3868954 | 21159014.6 | German |
| 3869268 | Shin-Etsu Chemical Co., Ltd.   | 29/01/2021 | 3869268 | 21154424.2 |        |
| 3869501 | Yamaha Corporation   | 03/02/2021 | 3869501 | 21154957.1 |        |
| 3869786 | Parkling GmbH  | 24/02/2020 | 3869786 | 20159011.4 | German |
| 3870657 | The Procter & Gamble Company   | 25/10/2019 | 3870657 | 19802463.0 |        |
| 3870818 | Stellantis Auto SAS  | 18/09/2019 | 3870818 | 19790663.9 | French |
| 3870955 | ENTPE  | 22/10/2019 | 3870955 | 19802083.6 | French |
| 3870977 | NEDERLANDSE ORGANISATIE<br>VOOR TOEGEPAST-<br>NATUURWETENSCHAPPELIJK<br>ONDERZOEK TNO        | 24/10/2019 | 3870977 | 19828894.6 |        |
| 3871033 | Google LLC   | 25/09/2019 | 3871033 | 19783886.5 |        |

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| 3871562 | Societe Financiere Veron (Sofive)   | 28/02/2020 | 3871562 | 20160179.6 | French |
| 3871818 | Mitsubishi Heavy Industries<br>Compressor Corporation                         | 17/02/2021 | 3871818 | 21157590.7 |        |
| 3873582 | Advanced Neuromodulation Systems,<br>Inc.                                     | 01/11/2019 | 3873582 | 19880409.8 |        |
| 3874154 | LM Wind Power A/S   | 30/10/2019 | 3874154 | 19805095.7 |        |
| 3874215 | Spraying Systems Co.  | 31/10/2019 | 3874215 | 19835877.2 |        |
| 3874460 | Microsoft Technology Licensing, LLC   | 22/10/2019 | 3874460 | 19805428.0 |        |
| 3874907 | Samsung Electronics Co., Ltd.   | 27/02/2020 | 3874907 | 20763581.4 |        |
| 3875150 | Medicon Co., Ltd.   | 15/11/2018 | 3875150 | 18927234.7 |        |
| 3875175 | SCM Group S.p.A.  | 15/02/2021 | 3875175 | 21157033.8 |        |
| 3875376 | The Boeing Company  | 26/02/2021 | 3875376 | 21159766.1 |        |
| 3875413 | HUSQVARNA AB  | 02/03/2020 | 3875413 | 20160457.6 |        |
| 3875436 | SCHOTT AG   | 26/02/2021 | 3875436 | 21159711.7 | German |
| 3875532 | Unitika Ltd.  | 28/10/2019 | 3875532 | 19879398.6 |        |
| 3875655 | Hisense (shandong) Refrigerator Co.,<br>Ltd.                                  | 24/10/2019 | 3875655 | 19880699.4 |        |
| 3875989 | Optex Co., Ltd.   | 21/12/2020 | 3875989 | 20215941.4 |        |
| 3876489 | Huawei Technologies Co., Ltd.   | 05/11/2019 | 3876489 | 19887739.1 |        |
| 3877361 | KEMIRA OYJ  | 04/11/2019 | 3877361 | 19804762.3 |        |
| 3877721 | Vista Outdoor Operations LLC  | 04/11/2019 | 3877721 | 19881199.4 |        |
| 3877729 | Spirax-Sarco Limited  | 08/11/2019 | 3877729 | 19802141.2 |        |
| 3878226 | QUALCOMM Incorporated   | 06/11/2019 | 3878226 | 19836660.1 |        |
| 3879024 | Qingdao Haier Drum Washing Machine<br>Co., Ltd.<br>Haier Smart Home Co., Ltd. | 30/10/2019 | 3879024 | 19881547.4 |        |
| 3879402 | Deutsche Telekom AG   | 13/03/2020 | 3879402 | 20163076.1 |        |
| 3879804 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.                    | 30/09/2019 | 3879804 | 19881053.3 |        |
| 3880212 | Nitto Denko Corporation   | 15/11/2019 | 3880212 | 19884629.7 |        |
| 3881250 | Diraq Pty Ltd   | 12/11/2019 | 3881250 | 19884775.8 |        |
| 3881729 | SEB S.A.  | 03/03/2021 | 3881729 | 21160503.5 | French |
| 3882599 | Rolls-Royce plc   | 17/02/2021 | 3882599 | 21157531.1 |        |
| 3882666 | ZTE Corporation   | 12/11/2019 | 3882666 | 19884025.8 |        |
| 3883210 | ZTE Corporation   | 20/11/2019 | 3883210 | 19886431.6 |        |
| 3883720 | Precitec GmbH & Co. KG  | 10/10/2019 | 3883720 | 19789896.8 | German |

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|---------|---|------------|---------|------------|--------|
| 3883986 | Uhde Inventa-Fischer GmbH<br>thyssenkrupp AG  | 14/11/2019 | 3883986 | 19805241.7 | German |
| 3884117 | Grohe AG  | 11/11/2019 | 3884117 | 19813243.3 | German |
| 3884129 | Schlage Lock Company LLC  | 21/11/2019 | 3884129 | 19886592.5 |        |
| 3884280 | Centre Hospitalier Régional<br>Universitaire de Limoges<br>Institut National de la Santé et de la<br>Recherche Médicale (INSERM)<br>Université de Limoges | 19/11/2019 | 3884280 | 19809018.5 |        |
| 3885100 | Braunform GmbH  | 11/03/2021 | 3885100 | 21162118.0 | German |
| 3885114 | The Boeing Company  | 19/03/2021 | 3885114 | 21163595.8 |        |
| 3885258 | Mitsubishi Heavy Industries, Ltd.   | 26/01/2021 | 3885258 | 21153458.1 |        |
| 3885559 | Hamilton Sundstrand Corporation   | 24/03/2021 | 3885559 | 21164706.0 |        |
| 3885615 | Goodrich Corporation  | 23/03/2020 | 3885615 | 20461523.1 |        |
| 3885776 | Siemens Aktiengesellschaft  | 24/03/2020 | 3885776 | 20165139.5 |        |
| 3885779 | Melexis Technologies SA   | 07/03/2021 | 3885779 | 21161150.4 |        |
| 3886100 | Changxin Memory Technologies, Inc.  | 22/06/2020 | 3886100 | 20879032.9 |        |
| 3886511 | HUAWEI TECHNOLOGIES CO.,<br>LTD.  | 19/09/2017 | 3886511 | 21156608.8 |        |
| 3886636 | NIKE Innovate C.V.  | 27/11/2019 | 3886636 | 19827947.3 |        |
| 3887114 | Econ GmbH   | 28/11/2019 | 3887114 | 19821237.5 | German |
| 3887616 | PERI SE   | 21/10/2019 | 3887616 | 19812666.6 | German |
| 3887823 | Institut National de la Santé et de la<br>Recherche Médicale (INSERM)<br>Université Paul Sabatier Toulouse III  | 27/11/2019 | 3887823 | 19806285.3 |        |
| 3887827 | 2PI-sigma Corporation   | 27/11/2019 | 3887827 | 19889882.7 |        |
| 3887866 | UNIVERSITE DE FRANCHE-<br>COMTE<br>CENTRE NATIONAL DE LA<br>RECHERCHE SCIENTIFIQUE  | 27/09/2019 | 3887866 | 19783240.5 | French |
| 3889098 | Jungheinrich Aktiengesellschaft   | 05/03/2021 | 3889098 | 21160922.7 | German |
| 3889685 | BROTHER KOGYO KABUSHIKI<br>KAISHA   | 31/03/2021 | 3889685 | 21166367.9 |        |
| 3889794 | Oracle International Corporation  | 30/09/2016 | 3889794 | 21176761.1 |        |
| 3890161 | Mitsubishi Electric Corporation   | 27/11/2018 | 3890161 | 18941297.6 |        |
| 3890985 | Canon Production Printing Holding<br>B.V.   | 18/11/2019 | 3890985 | 19813249.0 |        |

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|---------|---|------------|---------|------------|--------|
| 3891067 | Joby Aero, Inc.   | 09/12/2019 | 3891067 | 19917963.1 |        |
| 3891337 | Secure Ground Solutions Ltd   | 29/11/2019 | 3891337 | 19835470.6 |        |
| 3891962 | Microsoft Technology Licensing, LLC                                     | 20/01/2020 | 3891962 | 20705268.9 |        |
| 3891999 | Amazon Technologies Inc.  | 06/11/2019 | 3891999 | 19835988.7 |        |
| 3892066 | Hubbell Incorporated  | 18/10/2019 | 3892066 | 19894090.0 |        |
| 3892075 | AGCO Corporation  | 17/02/2021 | 3892075 | 21157517.0 |        |
| 3892478 | Pacific Industrial Co., Ltd.  | 29/08/2019 | 3892478 | 19943539.7 |        |
| 3892522 | JTEKT CORPORATION   | 06/04/2021 | 3892522 | 21166972.6 |        |
| 3893030 | Stryker European Operations Limited                                     | 03/03/2015 | 3893030 | 21170102.4 |        |
| 3893709 | Samsung Electronics Co., Ltd.   | 17/01/2020 | 3893709 | 20745760.7 |        |
| 3894045 | Filtrabit Oy  | 11/12/2019 | 3894045 | 19820819.1 |        |
| 3894184 | BMF Precision Technology (Wuxi) Inc.                                    | 06/11/2019 | 3894184 | 19896554.3 |        |
| 3894904 | ExxonMobil Technology and<br>Engineering Company                        | 15/11/2019 | 3894904 | 19817879.0 |        |
| 3895454 | QUALCOMM INCORPORATED   | 12/12/2019 | 3895454 | 19836344.2 |        |
| 3895480 | QUALCOMM INCORPORATED   | 10/12/2019 | 3895480 | 19832519.3 |        |
| 3895579 | ALBEA SERVICES  | 09/04/2021 | 3895579 | 21167548.3 | French |
| 3895950 | Zenuity AB  | 16/04/2020 | 3895950 | 20169897.4 |        |
| 3896385 | Rorze Corporation   | 22/11/2019 | 3896385 | 19895439.8 |        |
| 3896387 | Hitachi Astemo, Ltd.  | 20/11/2019 | 3896387 | 19896307.6 |        |
| 3897823 | Pacesetter, Inc.  | 03/12/2019 | 3897823 | 19828038.0 |        |
| 3898020 | Tata Steel IJmuiden B.V.  | 25/11/2019 | 3898020 | 19817599.4 |        |
| 3899398 | DAIKIN INDUSTRIES, LTD.   | 17/12/2019 | 3899398 | 19839501.4 |        |
| 3899791 | Avery Dennison Retail Information<br>Services LLC                       | 23/12/2019 | 3899791 | 19845867.1 |        |
| 3899996 | Victoria Link Limited   | 20/12/2019 | 3899996 | 19898960.0 |        |
| 3900219 | Institut Mines Telecom  | 16/12/2019 | 3900219 | 19817758.6 | French |
| 3900317 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V. | 17/12/2019 | 3900317 | 19828263.4 | German |
| 3900318 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V. | 19/12/2019 | 3900318 | 19828269.1 | German |
| 3900478 | Samsung Electronics Co., Ltd.   | 22/01/2020 | 3900478 | 20745828.2 |        |
| 3900982 | Bode - Die Tür GmbH   | 20/04/2021 | 3900982 | 21169343.7 | German |
| 3901005 | Renault s.a.s   | 13/04/2021 | 3901005 | 21168141.6 | French |
| 3901055 | Murata Manufacturing Co., Ltd.  | 06/12/2019 | 3901055 | 19898313.2 |        |
| 3901510 | Indian Oil Corporation Limited  | 21/04/2021 | 3901510 | 21169549.9 |        |
| 3901589 | Goodrich Corporation  | 15/04/2021 | 3901589 | 21168563.1 |        |

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| 3902278 | Guangzhou Kugou Computer Technology Co., Ltd. | 25/11/2019 | 3902278 | 19899965.8 |        |
| 3902431 | NIKE Innovate C.V.                            | 27/12/2019 | 3902431 | 19839789.5 |        |
| 3902950 | Red Carpet S.r.l.                             | 26/02/2020 | 3902950 | 20715195.2 |        |
| 3903558 | Deere & Company                               | 22/03/2021 | 3903558 | 21164074.3 |        |
| 3903750 | Sigvaris AG                                   | 05/09/2017 | 3903750 | 21171882.0 |        |
| 3904609 | Hitachi Construction Machinery Co., Ltd.      | 14/02/2020 | 3904609 | 20770062.6 |        |
| 3904707 | Profil Verbindungstechnik GmbH & Co. KG       | 05/03/2021 | 3904707 | 21160968.0 | German |
| 3905490 | AISIN CORPORATION                             | 27/03/2020 | 3905490 | 20782218.0 |        |
| 3907330 | Trumer Schutzbauten Ges.m.b.H                 | 08/05/2020 | 3907330 | 20173750.9 | German |
| 3907520 | NXP B.V.                                      | 23/04/2021 | 3907520 | 21170035.6 |        |
| 3909478 | LG Electronics Inc.                           | 26/02/2021 | 3909478 | 21159566.5 |        |
| 3909486 | SharkNinja Operating LLC                      | 20/09/2018 | 3909486 | 21181376.1 |        |
| 3909858 | PRATT & WHITNEY CANADA CORP.                  | 17/05/2021 | 3909858 | 21174174.9 |        |
| 3909889 | Afher Eurobelt, S.A.                          | 12/05/2020 | 3909889 | 20382388.5 |        |
| 3910264 | LG Electronics Inc.                           | 22/02/2021 | 3910264 | 21158456.0 |        |
| 3910282 | The General Hospital Corporation              | 25/07/2014 | 3910282 | 21184054.1 |        |
| 3910972 | Accenture Global Solutions Limited            | 31/03/2021 | 3910972 | 21166212.7 |        |
| 3910986 | Siemens Aktiengesellschaft                    | 14/05/2020 | 3910986 | 20174637.7 |        |
| 3912108 | Google LLC                                    | 05/03/2020 | 3912108 | 20717004.4 |        |
| 3912497 | ResMed Pty Ltd                                | 17/07/2009 | 3912497 | 21164147.7 |        |
| 3913022 | Sakata INX Corp.                              | 26/11/2019 | 3913022 | 19910831.7 |        |
| 3913286 | Samsung Electronics Co., Ltd.                 | 07/11/2016 | 3913286 | 21185013.6 |        |
| 3913530 | Stradvision, Inc.                             | 04/05/2021 | 3913530 | 21172016.4 |        |
| 3913568 | Starship Technologies OÜ                      | 13/10/2016 | 3913568 | 21185855.0 |        |
| 3913836 | Howard University                             | 13/04/2012 | 3913836 | 21178980.5 |        |
| 3914318 | Eurosets S.r.l.                               | 22/01/2020 | 3914318 | 20715189.5 |        |
| 3916854 | Industrial Technology Research Institute      | 27/05/2021 | 3916854 | 21176333.9 |        |
| 3917017 | GIGA-BYTE TECHNOLOGY CO., LTD.                | 25/03/2021 | 3917017 | 21164857.1 |        |
| 3917446 | Institut Straumann AG                         | 28/01/2020 | 3917446 | 20701769.0 |        |
| 3917714 | Trumpf Laser- und Systemtechnik GmbH          | 28/01/2020 | 3917714 | 20702453.0 | German |

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| 3918556 | Capital One Services, LLC  | 29/01/2020 | 3918556 | 20708841.0 |        |
| 3918641 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V.  | 31/01/2020 | 3918641 | 20703018.0 | German |
| 3919709 | Brady Worldwide, Inc.  | 26/05/2021 | 3919709 | 21176009.5 |        |
| 3919749 | LG Electronics Inc.  | 01/06/2021 | 3919749 | 21177155.5 |        |
| 3920678 | ZF Friedrichshafen AG<br>Horsch Maschinen GmbH<br>HORSCH LEEB Application Systems<br>GmbH                        | 03/02/2020 | 3920678 | 20704790.3 | German |
| 3921188 | Bridgestone Europe NV/SA   | 31/01/2020 | 3921188 | 20702926.5 |        |
| 3921216 | thyssenkrupp Presta AG<br>thyssenkrupp AG  | 03/02/2020 | 3921216 | 20703215.2 | German |
| 3922649 | F. Hoffmann-La Roche AG  | 27/10/2016 | 3922649 | 21160858.3 |        |
| 3923132 | VeriSilicon Microelectronics<br>(Shanghai) Co., Ltd.<br>VeriSilicon Holdings Co., Ltd.                           | 08/06/2021 | 3923132 | 21178334.5 |        |
| 3923400 | Contemporary Amperex Technology<br>Co., Limited  | 02/04/2020 | 3923400 | 20839210.0 |        |
| 3924701 | Rosemount Tank Radar AB  | 07/02/2020 | 3924701 | 20705497.4 |        |
| 3924714 | Lisa Dräxlmaier GmbH   | 11/02/2020 | 3924714 | 20705046.9 | German |
| 3924798 | Rapyuta Robotics Co., Ltd.   | 27/03/2020 | 3924798 | 20777524.8 |        |
| 3924961 | Bose Corporation   | 13/02/2020 | 3924961 | 20712730.9 |        |
| 3925490 | Asociatia Cluster Mobilier Transilvan  | 18/06/2020 | 3925490 | 20180674.2 |        |
| 3925686 | MITSUBISHI HEAVY INDUSTRIES,<br>LTD.   | 10/02/2020 | 3925686 | 20773271.0 |        |
| 3925823 | Yanfeng International Seating Systems<br>Co., Ltd.   | 31/12/2019 | 3925823 | 19915294.3 |        |
| 3926113 | Institute of Medical Support<br>Technology, Institute of Systems<br>Engineering, Academy of Military<br>Sciences | 08/02/2021 | 3926113 | 21155667.5 |        |
| 3926126 | Maytronics Ltd.  | 13/09/2017 | 3926126 | 21190669.8 |        |
| 3926183 | Topura Co., Ltd.   | 03/02/2020 | 3926183 | 20755917.0 |        |
| 3926305 | American Axle & Manufacturing, Inc.  | 15/06/2021 | 3926305 | 21179592.7 |        |
| 3926917 | Tencent Technology (Shenzhen)<br>Company Limited   | 19/06/2020 | 3926917 | 20868618.8 |        |
| 3927985 | Eolotec GmbH   | 20/02/2020 | 3927985 | 20706479.1 | German |

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| 3928426 | Renault s.a.s<br>NISSAN MOTOR Co., Ltd.   | 10/02/2020 | 3928426 | 20702845.7 | French |
| 3929655 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.   | 29/03/2021 | 3929655 | 21165480.1 |        |
| 3929763 | Beijing OceanBase Technology Co.,<br>Ltd.   | 05/03/2019 | 3929763 | 21185187.8 |        |
| 3930560 | 3Shape A/S  | 27/02/2020 | 3930560 | 20706312.4 |        |
| 3931228 | Zephyros Inc.   | 26/02/2020 | 3931228 | 20706004.7 |        |
| 3931242 | Roehm America LLC<br>Röhm GmbH  | 07/02/2020 | 3931242 | 20702832.5 |        |
| 3931403 | Easy Sanitary Solutions B.V.  | 21/02/2020 | 3931403 | 20707848.6 |        |
| 3931706 | Cisco Technology, Inc.  | 26/02/2020 | 3931706 | 20714068.2 |        |
| 3932339 | Neuravi Limited   | 28/06/2021 | 3932339 | 21181925.5 |        |
| 3933088 | LG Electronics Inc.   | 02/07/2021 | 3933088 | 21183421.3 |        |
| 3933153 | Somfy Protect by Myfox  | 30/06/2021 | 3933153 | 21182950.2 | French |
| 3933294 | DAIKIN INDUSTRIES, LTD.   | 25/03/2020 | 3933294 | 20776650.2 |        |
| 3933421 | Contemporary Amperex Technology<br>Co., Limited   | 22/08/2020 | 3933421 | 20856185.2 |        |
| 3933974 | Contemporary Amperex Technology<br>Co., Limited   | 04/07/2020 | 3933974 | 20836686.4 |        |
| 3934116 | NXP B.V.  | 16/06/2021 | 3934116 | 21179881.4 |        |
| 3934292 | Huawei Technologies Co., Ltd.   | 14/04/2020 | 3934292 | 20791523.2 |        |
| 3934365 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.                                  | 16/08/2016 | 3934365 | 21191205.0 |        |
| 3934949 | HL Mando Corporation  | 06/03/2020 | 3934949 | 20765526.7 |        |
| 3935343 | Gleason Metrology Systems<br>Corporation  | 06/03/2020 | 3935343 | 20716629.9 |        |
| 3935718 | thyssenkrupp AG<br>thyssenkrupp Presta AG   | 02/03/2020 | 3935718 | 20708477.3 | German |
| 3935866 | Bose Corporation  | 04/03/2020 | 3935866 | 20716999.6 |        |
| 3936142 | Hanmi Pharm. Co., Ltd.  | 29/06/2020 | 3936142 | 20832900.3 |        |
| 3936766 | The Chugoku Electric Power Co., Inc.<br>Tokyo Metropolitan Public University<br>Corporation | 07/03/2019 | 3936766 | 19918422.7 |        |
| 3937052 | Alipay (Hangzhou) Information<br>Technology Co., Ltd.                                       | 25/06/2021 | 3937052 | 21181645.9 |        |



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| 3937744 | Storyteller Overland, LLC                        | 10/03/2020 | 3937744 | 20718871.5 |        |
| 3938106 | Abgene Limited                                   | 13/03/2020 | 3938106 | 20715126.7 |        |
| 3938267 | CYBEX GmbH                                       | 09/03/2020 | 3938267 | 20713842.1 | German |
| 3938702 | HIB Trim Part Solutions GmbH                     | 15/04/2020 | 3938702 | 20720396.9 | German |
| 3938732 | Microsoft Technology Licensing, LLC              | 02/03/2020 | 3938732 | 20715588.8 |        |
| 3938949 | Stellantis Auto SAS                              | 19/02/2020 | 3938949 | 20710254.2 | French |
| 3939023 | GENTEX CORPORATION                               | 30/04/2020 | 3939023 | 20798595.3 |        |
| 3939424 | Deere & Company                                  | 16/07/2020 | 3939424 | 20186227.3 |        |
| 3939786 | C.I. TAKIRON Corporation                         | 11/03/2020 | 3939786 | 20773864.2 |        |
| 3939826 | Hyundai Transys Inc.                             | 14/07/2021 | 3939826 | 21185636.4 |        |
| 3939842 | VOLKSWAGEN AG                                    | 10/06/2021 | 3939842 | 21178763.5 | German |
| 3940638 | Tencent Technology (Shenzhen)<br>Company Limited | 10/03/2020 | 3940638 | 20771005.4 |        |
| 3941356 | Koninklijke Philips N.V.                         | 13/03/2020 | 3941356 | 20710163.5 |        |
| 3941706 | Microsoft Technology Licensing, LLC              | 13/03/2020 | 3941706 | 20718877.2 |        |
| 3942491 | ServiceNow, Inc.                                 | 19/03/2020 | 3942491 | 20719288.1 |        |
| 3942678 | Stellantis Auto SAS                              | 10/02/2020 | 3942678 | 20708544.0 | French |
| 3943347 | Valeo Autosystemy SP. Z.O.O.                     | 22/07/2020 | 3943347 | 20187276.9 |        |
| 3943663 | System 7 Ballast Regulator GmbH                  | 22/07/2021 | 3943663 | 21187213.0 | German |
| 3943735 | General Electric Technology GmbH                 | 12/07/2021 | 3943735 | 21185176.1 |        |
| 3944054 | Medos International Sarl                         | 04/04/2019 | 3944054 | 21197668.3 |        |
| 3944482 | NISSAN MOTOR Co., Ltd.                           | 22/03/2019 | 3944482 | 19921261.4 |        |
| 3945068 | Northvolt AB                                     | 08/04/2021 | 3945068 | 21167321.5 |        |
| 3945392 | Continental Automotive Technologies<br>GmbH      | 31/07/2020 | 3945392 | 20188902.9 |        |
| 3945424 | NXP USA, Inc.                                    | 21/05/2021 | 3945424 | 21175301.7 |        |
| 3945750 | Eaton Intelligent Power Limited                  | 30/03/2021 | 3945750 | 21166013.9 | German |
| 3946774 | Bordignon, Romeo                                 | 24/03/2020 | 3946774 | 20720506.3 |        |
| 3946853 | WISTA Werkzeugfertigungs- GmbH                   | 01/04/2020 | 3946853 | 20722440.3 | German |
| 3947512 | Zephyros, Inc.                                   | 23/03/2020 | 3947512 | 20720200.3 |        |
| 3949450 | eBay Inc.  | 26/02/2020 | 3949450 | 20713483.4 |        |
| 3949672 | QUALCOMM INCORPORATED                            | 26/03/2020 | 3949672 | 20721873.6 |        |
| 3950377 | Ko, Wen-Shan                                     | 07/08/2020 | 3950377 | 20189983.8 |        |
| 3950392 | Mitsui Kinzoku ACT Corporation                   | 06/09/2019 | 3950392 | 19922205.0 |        |
| 3950600 | LG CHEM, LTD.                                    | 29/09/2020 | 3950600 | 20870821.4 |        |
| 3950905 | Idemitsu Kosan Co.,Ltd.                          | 25/03/2020 | 3950905 | 20784748.4 |        |
| 3951122 | Mitsui Kinzoku ACT Corporation                   | 06/09/2019 | 3951122 | 19921574.0 |        |

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| 3952194 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.                               | 13/04/2020 | 3952194 | 20880152.2 |        |
| 3953140 | Inglass S.p.A.   | 10/04/2020 | 3953140 | 20725766.8 |        |
| 3953595 | Schaeffler Technologies AG & Co. KG  | 10/03/2020 | 3953595 | 20714472.6 | German |
| 3953596 | Schaeffler Technologies AG & Co. KG  | 12/03/2020 | 3953596 | 20716384.1 | German |
| 3953952 | Lisa Dräxlmaier GmbH   | 09/04/2019 | 3953952 | 19717806.4 | German |
| 3954179 | Samsung Electronics Co., Ltd.<br>Research Business Foundation<br>Sungkyunkwan University | 02/09/2020 | 3954179 | 20861460.2 |        |
| 3954504 | Illinois Tool Works, Inc.  | 26/05/2021 | 3954504 | 21175842.0 |        |
| 3954826 | Kao Corporation  | 07/04/2020 | 3954826 | 20787886.9 |        |
| 3954921 | Akebono Brake Industry Co., Ltd.   | 05/08/2021 | 3954921 | 21189868.9 |        |
| 3954947 | MITSUBISHI ELECTRIC<br>CORPORATION   | 10/04/2019 | 3954947 | 19923884.1 |        |
| 3955080 | Robert Bosch GmbH  | 12/08/2020 | 3955080 | 20190604.7 |        |
| 3955083 | Hitachi Construction Machinery Co.,<br>Ltd.  | 08/05/2020 | 3955083 | 20802860.5 |        |
| 3955293 | Samsung Display Co., Ltd.  | 10/08/2021 | 3955293 | 21190686.2 |        |
| 3955436 | Schneider Electric Industries SAS  | 14/08/2020 | 3955436 | 20305931.6 | German |
| 3955626 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.                               | 30/04/2019 | 3955626 | 19926834.3 |        |
| 3956146 | Hewlett-Packard Development<br>Company, L.P.   | 16/07/2019 | 3956146 | 19937622.9 |        |
| 3956193 | Siemens Mobility Austria GmbH  | 18/05/2020 | 3956193 | 20728995.0 | German |
| 3956226 | SAFRAN AIRCRAFT ENGINES  | 08/04/2020 | 3956226 | 20719964.7 | French |
| 3956414 | Dow Global Technologies LLC  | 15/04/2019 | 3956414 | 19925179.4 |        |
| 3956640 | Exel Industries  | 17/04/2020 | 3956640 | 20723021.0 | French |
| 3957498 | The Goodyear Tire & Rubber Company   | 20/08/2021 | 3957498 | 21192303.2 |        |
| 3957825 | General Electric Technology GmbH   | 08/06/2021 | 3957825 | 21178287.5 |        |
| 3958170 | Samsung Electronics Co., Ltd.  | 23/07/2021 | 3958170 | 21187428.4 |        |
| 3958795 | Encore Medical, L.P. (D/B/A DJO<br>Surgical)   | 24/04/2020 | 3958795 | 20794900.9 |        |
| 3959096 | Stellantis Auto SAS  | 10/03/2020 | 3959096 | 20725861.7 | French |
| 3960023 | LG Electronics Inc.  | 22/02/2021 | 3960023 | 21158390.1 |        |
| 3960991 | Rolls-Royce Corporation  | 26/08/2020 | 3960991 | 20192868.6 |        |

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| 3962152 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.                                  | 25/04/2019 | 3962152 | 19926066.2 |        |
| 3962357 | Fiagon GmbH  | 04/05/2020 | 3962357 | 20728948.9 |        |
| 3962704 | Thurne-Middleby Ltd.   | 28/04/2020 | 3962704 | 20728122.1 |        |
| 3963390 | LEIA Inc.  | 25/04/2020 | 3963390 | 20798945.0 |        |
| 3963872 | Samsung Electronics Co., Ltd.  | 27/08/2020 | 3963872 | 20857122.4 |        |
| 3964424 | JTEKT CORPORATION<br>TOYOTA JIDOSHA KABUSHIKI<br>KAISHA<br>DENSO CORPORATION | 02/09/2021 | 3964424 | 21194590.2 |        |
| 3964796 | Airbus Helicopters   | 17/08/2021 | 3964796 | 21191674.7 | French |
| 3964920 | Samsung Display Co., Ltd.  | 17/06/2021 | 3964920 | 21180159.2 |        |
| 3965537 | HENSOLDT Sensors GmbH  | 08/09/2020 | 3965537 | 20195125.8 |        |
| 3965948 | Pawluszek, Anna  | 08/05/2020 | 3965948 | 20726728.7 |        |
| 3966024 | Société des Produits Nestlé S.A.   | 28/04/2020 | 3966024 | 20723076.4 |        |
| 3966144 | Itrec B.V.   | 06/05/2020 | 3966144 | 20725137.2 |        |
| 3967195 | LG Electronics Inc.  | 22/02/2021 | 3967195 | 21158439.6 |        |
| 3967243 | Beijing Longmiao Medical Device Co.,<br>Ltd.                                 | 14/09/2021 | 3967243 | 21196539.7 |        |
| 3967408 | SCHOTT AG  | 11/09/2020 | 3967408 | 20195761.0 |        |
| 3967603 | The Boeing Company   | 09/08/2021 | 3967603 | 21190357.0 |        |
| 3967695 | Betta Pharmaceuticals Co., Ltd   | 20/04/2020 | 3967695 | 20796227.5 |        |
| 3967876 | Graco Minnesota Inc.   | 03/02/2017 | 3967876 | 21201013.6 |        |
| 3968222 | Tencent Technology (Shenzhen)<br>Company Limited                             | 16/04/2020 | 3968222 | 20802264.0 |        |
| 3968315 | Samsung Display Co., Ltd.  | 28/07/2021 | 3968315 | 21188255.0 |        |
| 3968401 | Rockwell Collins, Inc.   | 10/09/2021 | 3968401 | 21196035.6 |        |
| 3968688 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.                   | 30/05/2019 | 3968688 | 19930697.8 |        |
| 3968895 | Tandex A/S   | 14/05/2020 | 3968895 | 20726385.6 |        |
| 3969261 | Hewlett-Packard Development<br>Company, L.P.                                 | 08/08/2019 | 3969261 | 19940555.6 |        |
| 3969324 | Brose Fahrzeugteile SE & Co.<br>Kommanditgesellschaft, Coburg                | 07/05/2020 | 3969324 | 20725468.1 | German |
| 3969752 | Exel Industries  | 15/05/2020 | 3969752 | 20724865.9 | French |
| 3969974 | Siemens Industry Software NV   | 10/07/2020 | 3969974 | 20746881.0 |        |

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| 3971708 | TOYOTA JIDOSHA KABUSHIKI<br>KAISHA   | 06/09/2021 | 3971708 | 21195033.2 |        |
| 3971831 | Huawei Technologies Co., Ltd.  | 05/09/2020 | 3971831 | 20882181.9 |        |
| 3972377 | ZTE Corporation  | 14/02/2018 | 3972377 | 21197984.4 |        |
| 3972451 | Häfele Berlin GmbH & Co KG   | 24/04/2020 | 3972451 | 20721554.2 | German |
| 3972520 | Biosense Webster (Israel) Ltd.   | 27/04/2020 | 3972520 | 20727712.0 |        |
| 3972753 | NV Bekaert SA  | 26/03/2020 | 3972753 | 20713640.9 |        |
| 3973020 | 3M Innovative Properties Company   | 19/05/2020 | 3973020 | 20729198.0 |        |
| 3974083 | General Electric Technology GmbH   | 10/09/2021 | 3974083 | 21196168.5 |        |
| 3974273 | Yamaha Hatsudoki Kabushiki Kaisha  | 22/09/2021 | 3974273 | 21198352.3 |        |
| 3974281 | Bode - Die Tür GmbH  | 17/08/2021 | 3974281 | 21191732.3 | German |
| 3974367 | KONE Corporation   | 25/09/2020 | 3974367 | 20198412.7 |        |
| 3974459 | Asahi Kasei Kabushiki Kaisha   | 18/05/2020 | 3974459 | 20810655.9 |        |
| 3974490 | UPM Raflatac Oy  | 29/09/2020 | 3974490 | 20198915.9 |        |
| 3974585 | Hitachi Construction Machinery Tierra<br>Co., Ltd.                               | 24/03/2020 | 3974585 | 20927702.9 |        |
| 3974918 | ATLAS COPCO AIRPOWER,<br>naamloze vennootschap<br>Katholieke Universiteit Leuven | 24/09/2020 | 3974918 | 20198148.7 |        |
| 3975173 | TOP QUALITY TELEPHONY, LLC   | 08/07/2014 | 3975173 | 21188107.3 |        |
| 3975384 | ETEL S.A.  | 25/09/2020 | 3975384 | 20198343.4 |        |
| 3975505 | Alipay (Hangzhou) Information<br>Technology Co., Ltd.                            | 17/06/2021 | 3975505 | 21179950.7 |        |
| 3976837 | Tata Steel Nederland Technology B.V.   | 19/05/2020 | 3976837 | 20726140.5 |        |
| 3977085 | SAINT-GOBAIN PLACO   | 26/05/2020 | 3977085 | 20726870.7 | French |
| 3978291 | Yamaha Hatsudoki Kabushiki Kaisha  | 10/05/2021 | 3978291 | 21173038.7 |        |
| 3978409 | Otis Elevator Company  | 28/09/2021 | 3978409 | 21199528.7 |        |
| 3978861 | Pericard, Benoit   | 05/10/2020 | 3978861 | 20200105.3 |        |
| 3979057 | Yamaha Hatsudoki Kabushiki Kaisha  | 10/05/2021 | 3979057 | 21173033.8 |        |
| 3979078 | Rockwell Automation Technologies,<br>Inc.  | 10/09/2021 | 3979078 | 21195891.3 |        |
| 3979506 | Honeywell International Inc.   | 16/09/2021 | 3979506 | 21197211.2 |        |
| 3980258 | COMPAGNIE GENERALE DES<br>ETABLISSEMENTS MICHELIN                                | 02/06/2020 | 3980258 | 20728781.4 | French |
| 3980329 | Flying Whales  | 28/05/2020 | 3980329 | 20737266.5 | French |
| 3980729 | Endress+Hauser Flowtec AG  | 04/05/2020 | 3980729 | 20723853.6 | German |
| 3981129 | Cisco Technology, Inc.   | 27/05/2020 | 3981129 | 20744196.5 |        |

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| 3981455 | Air Liquide Medical Systems  | 20/05/2021 | 3981455 | 21174890.0 |        |
| 3982705 | FUJI Corporation   | 06/06/2019 | 3982705 | 19931591.2 |        |
| 3982744 | N.V. Nutricia  | 12/06/2020 | 3982744 | 20743885.4 |        |
| 3983260 | KEIPER Seating Mechanisms Co., Ltd.  | 10/06/2020 | 3983260 | 20733380.8 | German |
| 3984150 | Microsoft Technology Licensing, LLC  | 18/05/2020 | 3984150 | 20730901.4 |        |
| 3984153 | QUALCOMM Incorporated  | 11/06/2020 | 3984153 | 20751717.8 |        |
| 3984205 | Nextiva, Inc.  | 10/06/2020 | 3984205 | 20822898.1 |        |
| 3984567 | LG Electronics Inc.  | 15/07/2015 | 3984567 | 21200563.1 |        |
| 3985338 | Hefei Midea Refrigerator Co., Ltd.<br>Hefei Hualing Co., Ltd.<br>Midea Group Co., Ltd.     | 13/06/2019 | 3985338 | 19932764.4 |        |
| 3985494 | Changxin Memory Technologies, Inc.   | 20/11/2020 | 3985494 | 20929096.4 |        |
| 3987158 | Vitesco Technologies GmbH  | 17/06/2020 | 3987158 | 20734139.7 | German |
| 3987821 | Cirrus Logic International<br>Semiconductor Limited  | 16/06/2020 | 3987821 | 20734292.4 |        |
| 3988016 | Raphas Co., Ltd.   | 08/06/2020 | 3988016 | 20826621.3 |        |
| 3988048 | Align Technology, Inc.   | 16/06/2017 | 3988048 | 21215673.1 |        |
| 3988138 | Georg-August-Universität Göttingen<br>Stiftung Öffentlichen Rechts,<br>Universitätsmedizin | 22/10/2020 | 3988138 | 20203316.3 |        |
| 3988641 | Pall Corporation   | 17/09/2021 | 3988641 | 21197365.6 |        |
| 3988753 | Julius Blum GmbH   | 08/05/2018 | 3988753 | 21214610.4 | German |
| 3988803 | Profil Verbindungstechnik GmbH &<br>Co. KG   | 12/10/2021 | 3988803 | 21202208.1 | German |
| 3989767 | On Clouds GmbH   | 29/06/2020 | 3989767 | 20735373.1 | German |
| 3990985 | ASML Netherlands B.V.  | 19/05/2020 | 3990985 | 20725579.5 |        |
| 3991830 | MANN+HUMMEL LIFE SCIENCES<br>& ENVIRONMENT HOLDING<br>SINGAPORE PTE. LTD.                  | 28/10/2020 | 3991830 | 20204369.1 |        |
| 3991951 | Kocel Intelligent Machinery Limited  | 22/06/2020 | 3991951 | 20832610.8 |        |
| 3992479 | Airbus Operations Limited  | 15/10/2021 | 3992479 | 21202984.7 |        |
| 3992599 | Robert Bosch GmbH  | 22/10/2021 | 3992599 | 21204282.4 | German |
| 3993733 | Boston Scientific Scimed Inc.  | 04/11/2020 | 3993733 | 20819926.5 |        |
| 3994023 | VOLVO TRUCK CORPORATION  | 04/07/2019 | 3994023 | 19736689.1 |        |
| 3994545 | Microsoft Technology Licensing, LLC  | 03/05/2020 | 3994545 | 20729300.2 |        |
| 3994731 | Silicon Storage Technology Inc.  | 06/03/2020 | 3994731 | 20717381.6 |        |

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| 3995251 | Voestalpine Böhler Welding Belgium<br>s.a.   | 10/11/2020 | 3995251 | 20020515.1 |        |
| 3996455 | CHINA MOBILE<br>COMMUNICATION CO., LTD.<br>RESEARCH INSTITUTE<br>CHINA MOBILE<br>COMMUNICATIONS GROUP CO.,<br>LTD. | 27/07/2020 | 3996455 | 20848264.6 |        |
| 3997032 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V.  | 08/07/2020 | 3997032 | 20739344.8 |        |
| 3998424 | Hasco Vision Technology Co., Ltd.  | 20/07/2019 | 3998424 | 19937349.9 |        |
| 3999419 | BAE SYSTEMS plc  | 18/06/2020 | 3999419 | 20734089.4 |        |
| 3999778 | General Electric Technology GmbH   | 01/07/2020 | 3999778 | 20753502.2 |        |
| 4000460 | Grass GmbH   | 04/11/2021 | 4000460 | 21206413.3 | German |
| 4001078 | Suzuki Motor Corporation   | 17/11/2021 | 4001078 | 21208761.3 |        |
| 4001287 | Universal Display Corporation  | 23/11/2021 | 4001287 | 21209946.9 |        |
| 4001604 | Bayerische Motoren Werke<br>Aktiengesellschaft   | 19/10/2021 | 4001604 | 21203326.0 | German |
| 4001681 | Iwaki Co., Ltd.  | 13/07/2020 | 4001681 | 20843534.7 |        |
| 4001696 | Kesseböhmer Holding KG   | 16/11/2021 | 4001696 | 21208573.2 | German |
| 4001794 | Zhejiang Shaoxing Supor Domestic<br>Electrical Appliance Co., Ltd.   | 19/08/2021 | 4001794 | 21192035.0 |        |
| 4001802 | Arçelik Anonim Sirketi   | 28/10/2021 | 4001802 | 21205138.7 |        |
| 4003631 | Illinois Tool Works, Inc.  | 23/07/2020 | 4003631 | 20753643.4 |        |
| 4004256 | ENI S.p.A.   | 24/07/2020 | 4004256 | 20747144.2 |        |
| 4004291 | ThyssenKrupp Steel Europe AG   | 15/07/2020 | 4004291 | 20742685.9 | German |
| 4004431 | Signify Holding B.V.   | 15/07/2020 | 4004431 | 20737503.1 |        |
| 4004470 | Zephyros, Inc.   | 31/07/2020 | 4004470 | 20757167.0 |        |
| 4005545 | Hill-Rom Services, Inc.  | 25/11/2021 | 4005545 | 21210441.8 |        |
| 4005892 | MAZDA MOTOR CORPORATION  | 22/07/2020 | 4005892 | 20847609.3 |        |
| 4006407 | Marelli Automotive Lighting Italy<br>S.p.A.  | 30/11/2020 | 4006407 | 20210690.2 |        |
| 4008855 | Oriental Recreational Products<br>(Shanghai) Co., Ltd  | 14/08/2020 | 4008855 | 20859879.7 |        |
| 4008986 | EP Arms GmbH   | 30/11/2021 | 4008986 | 21211312.0 | German |
| 4009435 | Jiangsu Contemporary Amperex<br>Technology Limited   | 19/10/2020 | 4009435 | 20827992.7 |        |

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| 4010076 | Idorsia Pharmaceuticals Ltd   | 07/08/2020 | 4010076 | 20751158.5 |        |
| 4010592 | Nissens Cooling Solutions A/S   | 07/08/2020 | 4010592 | 20753355.5 |        |
| 4010887 | Minimax Viking Research &<br>Development GmbH   | 31/07/2020 | 4010887 | 20750647.8 | German |
| 4011399 | The Boeing Company  | 26/11/2021 | 4011399 | 21210727.0 |        |
| 4011427 | ResMed Pty Ltd  | 06/11/2017 | 4011427 | 21217868.5 |        |
| 4011750 | JTEKT CORPORATION   | 09/12/2021 | 4011750 | 21213342.5 |        |
| 4012682 | YAMAHA HATSUDOKI<br>KABUSHIKI KAISHA  | 24/09/2020 | 4012682 | 20869553.6 |        |
| 4012877 | Rolls-Royce plc   | 16/11/2021 | 4012877 | 21208370.3 |        |
| 4014359 | Telefonaktiebolaget LM Ericsson (publ)  | 05/08/2020 | 4014359 | 20754045.1 |        |
| 4014633 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.  | 13/10/2020 | 4014633 | 20877248.3 |        |
| 4015486 | Denka Company Limited   | 05/08/2020 | 4015486 | 20854862.8 |        |
| 4015708 | Godemann GmbH & Co. KG  | 16/11/2021 | 4015708 | 21208398.4 | German |
| 4015744 | Defta   | 20/12/2021 | 4015744 | 21215823.2 | French |
| 4015962 | Danfoss A/S   | 15/12/2021 | 4015962 | 21214644.3 |        |
| 4015963 | Danfoss A/S   | 15/12/2021 | 4015963 | 21214647.6 |        |
| 4017311 | Ecco Sko A/S  | 19/08/2020 | 4017311 | 20760388.7 |        |
| 4017871 | Research Institute at Nationwide<br>Children's Hospital   | 21/08/2020 | 4017871 | 20765424.5 |        |
| 4018102 | Hilti Aktiengesellschaft  | 10/08/2020 | 4018102 | 20753361.3 |        |
| 4019866 | Qingdao Haier Refrigerator Co., Ltd<br>Haier Smart Home Co., Ltd.<br>Haier US Appliance Solutions, Inc. | 21/08/2020 | 4019866 | 20855556.5 |        |
| 4019908 | Kamstrup A/S  | 28/12/2020 | 4019908 | 20217411.6 |        |
| 4020237 | INTEL Corporation   | 17/09/2021 | 4020237 | 21197309.4 |        |
| 4021391 | Unilever Global IP Limited  | 21/08/2020 | 4021391 | 20764956.7 |        |
| 4022216 | Marelli Automotive Lighting<br>Reutlingen (Germany) GmbH  | 24/08/2020 | 4022216 | 20761566.7 | German |
| 4023333 | Dalian Institute Of Chemical Physics<br>Chinese Academy of Sciences<br>Formosa Plastics Corporation     | 26/11/2020 | 4023333 | 20912191.2 |        |
| 4023788 | BAOSHAN IRON & STEEL CO.,<br>LTD.   | 25/09/2020 | 4023788 | 20867816.9 |        |

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| 4025185 | Baxter International Inc.<br>BAXTER HEALTHCARE SA              | 04/09/2020 | 4025185 | 20775519.0 |        |
| 4025828 | Stellantis Auto SAS  | 17/08/2020 | 4025828 | 20775369.0 | French |
| 4025840 | Andreas Hettich GmbH & Co KG                                   | 07/09/2020 | 4025840 | 20775195.9 | German |
| 4026036 | UDS URBANE DATEN-SYSTEME<br>GMBH                               | 05/09/2019 | 4026036 | 19774068.1 | German |
| 4026297 | Oracle International Corporation                               | 02/09/2020 | 4026297 | 20860099.9 |        |
| 4029877 | Amgen Inc.   | 03/08/2018 | 4029877 | 21217086.4 |        |
| 4030066 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.                    | 19/08/2021 | 4030066 | 21192043.4 |        |
| 4030301 | Honor Device Co., Ltd.   | 02/11/2020 | 4030301 | 20887920.5 |        |
| 4030749 | Huawei Technologies Co., Ltd.                                  | 25/10/2016 | 4030749 | 21212391.3 |        |
| 4031801 | Signify Holding B.V.   | 14/09/2020 | 4031801 | 20768615.5 |        |
| 4031945 | Endress+Hauser Process Solutions AG                            | 20/08/2020 | 4031945 | 20761200.3 | German |
| 4032033 | Amazon Technologies Inc.                                       | 29/09/2020 | 4032033 | 20792816.9 |        |
| 4032207 | Cisco Technology, Inc.   | 11/09/2020 | 4032207 | 20789302.5 |        |
| 4032599 | MITSUBISHI HEAVY INDUSTRIES,<br>LTD.                           | 26/10/2020 | 4032599 | 20892560.2 |        |
| 4034605 | FUJIFILM Electronic Materials U.S.A.,<br>Inc.                  | 18/09/2020 | 4034605 | 20867124.8 |        |
| 4035070 | Motorola Solutions, Inc.                                       | 28/08/2020 | 4035070 | 20771396.7 |        |
| 4035273 | Huawei Technologies Co., Ltd.                                  | 18/10/2019 | 4035273 | 19790200.0 |        |
| 4035452 | LG Electronics Inc.  | 28/10/2020 | 4035452 | 20881224.8 |        |
| 4035788 | ThyssenKrupp Steel Europe AG                                   | 19/01/2022 | 4035788 | 22152198.2 | German |
| 4035958 | Hitachi Astemo, Ltd.   | 09/07/2020 | 4035958 | 20867463.0 |        |
| 4036292 | KABUSHIKI KAISHA TOYOTA<br>JIDOSHOKKI                          | 21/12/2021 | 4036292 | 21216249.9 |        |
| 4037867 | Rogers Germany GmbH  | 03/12/2020 | 4037867 | 20820111.1 | German |
| 4038215 | Salzgitter Flachstahl GmbH                                     | 28/09/2020 | 4038215 | 20781363.5 | German |
| 4039135 | Sidler Metallwaren AG  | 09/02/2021 | 4039135 | 21156030.5 | German |
| 4040215 | Suteng Innovation Technology Co., Ltd.                         | 30/09/2019 | 4040215 | 19945479.4 |        |
| 4040435 | ALE International  | 05/02/2021 | 4040435 | 21305164.2 |        |
| 4041468 | DANIELI & C. OFFICINE<br>MECCANICHE S.P.A.                     | 16/10/2020 | 4041468 | 20797872.7 |        |
| 4042111 | Endress + Hauser Flowtec AG                                    | 18/09/2020 | 4042111 | 20775288.2 | German |
| 4042529 | Vrije Universiteit Brussel<br>Technische Universität Darmstadt | 08/10/2020 | 4042529 | 20793280.7 |        |



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| 4043330 | The Ultimate Boat Company Limited  | 12/02/2021 | 4043330 | 21156803.5 |        |
| 4043348 | Goodrich Lighting Systems GmbH & Co. KG                                      | 12/02/2021 | 4043348 | 21156873.8 |        |
| 4043977 | Amada Co., Ltd.  | 29/09/2020 | 4043977 | 20873547.2 |        |
| 4044218 | Imec VZW   | 11/02/2021 | 4044218 | 21156498.4 |        |
| 4044882 | Koninklijke Philips N.V.   | 14/10/2020 | 4044882 | 20788818.1 |        |
| 4045186 | Biothink Technologies S.L.   | 15/10/2020 | 4045186 | 20788837.1 |        |
| 4045745 | MACO Technologie GmbH  | 12/11/2020 | 4045745 | 20807006.0 | German |
| 4046404 | SoftBank Corp.   | 08/12/2020 | 4046404 | 20829758.0 |        |
| 4046592 | Ferton Holding S.A.  | 22/02/2021 | 4046592 | 21158528.6 |        |
| 4048452 | KHS GmbH   | 06/10/2020 | 4048452 | 20792556.1 | German |
| 4049942 | Cartonplast Group GmbH   | 25/02/2021 | 4049942 | 21159189.6 |        |
| 4049945 | KENGIC INTELLIGENT TECHNOLOGY CO., LTD.                                      | 12/06/2020 | 4049945 | 20937278.8 |        |
| 4050711 | Contemporary Amperex Technology Co., Limited                                 | 31/12/2020 | 4050711 | 20937167.3 |        |
| 4051825 | ArcelorMittal  | 29/10/2020 | 4051825 | 20799840.2 |        |
| 4052992 | BYD Company Limited  | 27/10/2020 | 4052992 | 20892933.1 |        |
| 4053333 | Schoeller Technocell GmbH & Co. KG   | 02/03/2021 | 4053333 | 21160232.1 | German |
| 4053412 | Daikin Industries, Ltd.  | 17/11/2020 | 4053412 | 20901532.0 |        |
| 4053673 | Vivo Mobile Communication Co., Ltd.  | 06/11/2020 | 4053673 | 20885352.3 |        |
| 4054156 | Umbra Technologies Ltd.  | 26/04/2017 | 4054156 | 21210023.4 |        |
| 4054417 | Stichting Het Nederlands Kanker Instituut- Antoni van Leeuwenhoek Ziekenhuis | 05/11/2020 | 4054417 | 20807911.1 |        |
| 4054509 | Bristol-Myers Squibb Company   | 09/11/2020 | 4054509 | 20823982.2 |        |
| 4054788 | Schunk Sonosystems GmbH  | 05/11/2019 | 4054788 | 19802110.7 | German |
| 4054839 | Cryovac, LLC   | 04/11/2020 | 4054839 | 20816040.8 |        |
| 4055375 | Office National d'Etudes et de Recherches Aérospatiales                      | 28/10/2020 | 4055375 | 20793743.4 | French |
| 4055726 | QUALCOMM Incorporated  | 06/11/2020 | 4055726 | 20821453.6 |        |
| 4057091 | Siemens Aktiengesellschaft   | 09/03/2021 | 4057091 | 21161517.4 |        |
| 4058163 | Mack Rides IP GmbH & Co. KG  | 30/07/2020 | 4058163 | 20751103.1 | German |
| 4058703 | WOCO Industrietechnik GmbH   | 13/11/2020 | 4058703 | 20807372.6 | German |
| 4060017 | Beijing Boe Health Technology Co., Ltd.<br>BOE Technology Group Co., Ltd.    | 13/11/2019 | 4060017 | 19945453.9 |        |

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| 4061568 | Focused Technology Solutions, Inc.  | 20/11/2020 | 4061568 | 20825331.0 |        |
| 4061613 | Bond High Performance 3D<br>Technology B.V.   | 20/11/2020 | 4061613 | 20807449.2 |        |
| 4061737 | Fuglsang Holding A/S  | 12/11/2020 | 4061737 | 20807319.7 |        |
| 4062472 | Carl Freudenberg KG   | 05/11/2020 | 4062472 | 20803494.2 | German |
| 4064116 | Aptiv Technologies Limited  | 23/03/2021 | 4064116 | 21164367.1 |        |
| 4065343 | Nexa3D Inc.   | 19/11/2020 | 4065343 | 20828395.2 |        |
| 4065813 | Expro North Sea Limited   | 27/11/2020 | 4065813 | 20816451.7 |        |
| 4066165 | SIDEL PARTICIPATIONS, S.A.S.  | 27/11/2020 | 4066165 | 20811400.9 | French |
| 4066479 | Motorola Solutions, Inc.  | 29/09/2020 | 4066479 | 20793500.8 |        |
| 4067110 | BRIDGESTONE CORPORATION   | 23/09/2020 | 4067110 | 20893596.5 |        |
| 4067178 | Kubota Corporation  | 16/11/2021 | 4067178 | 21208572.4 |        |
| 4067660 | Daikin Industries, Ltd.   | 24/11/2020 | 4067660 | 20893617.9 |        |
| 4068721 | NXP B.V.  | 31/03/2021 | 4068721 | 21166437.0 |        |
| 4069199 | Astrazeneca AB  | 01/12/2020 | 4069199 | 20819676.6 |        |
| 4069532 | ZF Friedrichshafen AG   | 25/11/2020 | 4069532 | 20815756.0 | German |
| 4069534 | VALEO SYSTEMES THERMIQUES   | 02/12/2020 | 4069534 | 20828031.3 | French |
| 4069774 | Basell Polyolefine GmbH   | 02/12/2020 | 4069774 | 20815842.8 |        |
| 4070373 | Siemens Energy Global GmbH & Co.<br>KG  | 19/02/2020 | 4070373 | 20707023.6 | German |
| 4071258 | National University Corporation<br>Kumamoto University<br>Mitsubishi Heavy Industries, Ltd. | 23/11/2021 | 4071258 | 21209865.1 |        |
| 4072688 | Sanderse, Gilles<br>Sanderse, Michel  | 11/12/2020 | 4072688 | 20825017.5 |        |
| 4072916 | Haldex Brake Products Aktiebolag  | 30/11/2020 | 4072916 | 20816973.0 | German |
| 4072921 | Stellantis Auto SAS   | 30/10/2020 | 4072921 | 20808496.2 | French |
| 4073337 | VKR Holding A/S   | 09/12/2020 | 4073337 | 20824188.5 |        |
| 4073413 | Alfred Kärcher SE & Co. KG  | 26/10/2020 | 4073413 | 20799657.0 | German |
| 4073488 | GynTools Ltd  | 11/06/2020 | 4073488 | 20736795.4 |        |
| 4074855 | NIPPON STEEL CORPORATION  | 08/12/2020 | 4074855 | 20899449.1 |        |
| 4076270 | Uromems   | 15/12/2020 | 4076270 | 20845206.0 | French |
| 4076328 | Mölnlycke Health Care AB  | 09/12/2020 | 4076328 | 20820158.2 |        |
| 4076330 | Delos S.r.l.<br>Riva Violetta, Dario  | 21/12/2020 | 4076330 | 20830339.6 |        |
| 4076377 | L'OREAL   | 24/11/2020 | 4076377 | 20808443.4 |        |
| 4076447 | Intervet International B.V.   | 15/12/2020 | 4076447 | 20824230.5 |        |

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| 4076922 | COMPAGNIE GENERALE DES<br>ETABLISSEMENTS MICHELIN        | 27/11/2020 | 4076922 | 20824608.2 | French |
| 4077086 | Renault s.a.s<br>NISSAN MOTOR Co., Ltd.                  | 30/11/2020 | 4077086 | 20811686.3 | French |
| 4077138 | IMITec GmbH  | 12/11/2020 | 4077138 | 20803203.7 |        |
| 4078575 | Renault s.a.s  | 10/11/2020 | 4078575 | 20803564.2 | French |
| 4080129 | Daikin Industries, Ltd.                                  | 11/12/2020 | 4080129 | 20903357.0 |        |
| 4080848 | ABB Schweiz AG   | 22/04/2021 | 4080848 | 21169899.8 |        |
| 4081463 | Avery Dennison Retail Information<br>Services LLC        | 28/12/2020 | 4081463 | 20845507.1 |        |
| 4082207 | QUALCOMM INCORPORATED                                    | 23/12/2020 | 4082207 | 20839536.8 |        |
| 4083336 | Beijing Baidu Netcom Science<br>Technology Co., Ltd.     | 19/09/2022 | 4083336 | 22196269.9 |        |
| 4085001 | Piaggio & C. S.P.A.                                      | 29/12/2020 | 4085001 | 20845441.3 |        |
| 4087802 | Körber Supply Chain Logistics GmbH                       | 22/12/2020 | 4087802 | 20839057.5 | German |
| 4089010 | Honeywell International Inc.                             | 30/11/2021 | 4089010 | 21211353.4 |        |
| 4090566 | C.R.F. Società Consortile per Azioni                     | 18/01/2021 | 4090566 | 21706387.4 |        |
| 4091970 | Siemens Aktiengesellschaft                               | 21/05/2021 | 4091970 | 21175276.1 | German |
| 4092303 | NIPPON STEEL CORPORATION<br>Vallourec Oil and Gas France | 22/12/2020 | 4092303 | 20913441.0 |        |
| 4092989 | Juniper Networks, Inc.                                   | 10/04/2019 | 4092989 | 22182547.4 |        |
| 4093235 | Hermes Sellier   | 18/01/2021 | 4093235 | 21705245.5 | French |
| 4093237 | Hermes Sellier   | 18/01/2021 | 4093237 | 21705247.1 | French |
| 4093650 | thyssenkrupp Presta AG<br>thyssenkrupp AG                | 18/01/2021 | 4093650 | 21700910.9 | German |
| 4093673 | Koch Engineering GmbH & Co. KG                           | 21/01/2021 | 4093673 | 21701315.0 | German |
| 4099282 | BKS GmbH   | 01/06/2021 | 4099282 | 21177176.1 | German |
| 4099659 | Schneider Electric Industries SAS                        | 04/06/2021 | 4099659 | 21305754.0 |        |
| 4102154 | Hauser GmbH  | 08/06/2021 | 4102154 | 21178283.4 | German |
| 4102244 | Siemens Healthcare GmbH                                  | 09/06/2021 | 4102244 | 21178419.4 | German |
| 4102764 | Huawei Technologies Co., Ltd.                            | 14/09/2018 | 4102764 | 22187776.4 |        |
| 4103339 | Primetals Technologies Germany<br>GmbH                   | 21/01/2021 | 4103339 | 21700961.2 | German |
| 4103410 | Continental Reifen Deutschland GmbH                      | 30/11/2020 | 4103410 | 20816969.8 | German |
| 4106461 | NEC Corporation  | 18/03/2009 | 4106461 | 22190294.3 |        |
| 4109197 | Honda Motor Co., Ltd.                                    | 22/03/2016 | 4109197 | 22189780.4 |        |
| 4109810 | Deutsche Telekom AG                                      | 24/06/2021 | 4109810 | 21181523.8 | German |

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| 4111003 | Sandvik Mining and Construction<br>Australia (Production/Supply) Pty Ltd.<br>Sandvik Mining and Construction Oy | 27/02/2020 | 4111003 | 20708068.0 |        |
| 4112851 | Kiekert AG  | 23/11/2020 | 4112851 | 22190738.9 | German |
| 4114148 | Yazaki Corporation  | 29/06/2022 | 4114148 | 22182036.8 |        |
| 4119469 | FAUN Umwelttechnik GmbH & Co.<br>KG   | 06/07/2022 | 4119469 | 22183325.4 | German |
| 4119766 | Weatherford Technology Holdings,<br>LLC   | 06/03/2018 | 4119766 | 22195727.7 |        |
| 4119930 | Flim Labs S.r.l.  | 01/07/2022 | 4119930 | 22182498.0 |        |
| 4119955 | MITSUBISHI ELECTRIC<br>CORPORATION  | 03/04/2020 | 4119955 | 20928333.2 |        |
| 4123056 | Topsoe A/S  | 20/07/2021 | 4123056 | 21186582.9 |        |
| 4124488 | MAZDA MOTOR CORPORATION   | 15/07/2022 | 4124488 | 22185161.1 |        |
| 4124884 | SICK AG   | 15/07/2022 | 4124884 | 22185187.6 | German |
| 4128352 | Silicon Storage Technology, Inc.  | 14/10/2020 | 4128352 | 20803701.0 |        |
| 4129861 | Palvi, S.L.   | 14/07/2022 | 4129861 | 22382670.2 |        |
| 4134471 | TOYOTA JIDOSHA KABUSHIKI<br>KAISHA  | 28/06/2022 | 4134471 | 22181588.9 |        |
| 4135083 | Manz Italy S.r.l.   | 03/08/2022 | 4135083 | 22188507.2 |        |
| 4137009 | L&P Property Management Company   | 11/06/2019 | 4137009 | 22201105.8 |        |
| 4137026 | Vorwerk & Co. Interholding GmbH   | 20/08/2021 | 4137026 | 21192403.0 | German |
| 4137332 | Nokian Renkaat Oyj  | 19/08/2021 | 4137332 | 21192052.5 |        |
| 4138205 | Yazaki Corporation  | 04/08/2022 | 4138205 | 22188818.3 |        |
| 4141866 | Dolby International AB  | 10/03/2016 | 4141866 | 22202090.1 |        |
| 4144282 | MEIKO Maschinenbau GmbH & Co.<br>KG   | 05/09/2022 | 4144282 | 22193855.8 | German |
| 4145536 | Shanghai Jinko Green Energy<br>Enterprise Management Co., Ltd.<br>Zhejiang Jinko Solar Co., Ltd.                | 29/09/2021 | 4145536 | 21199752.3 |        |
| 4146492 | Mercedes-Benz Group AG  | 18/07/2022 | 4146492 | 22744206.8 |        |
| 4147852 | Stratasys Powder Production Ltd   | 12/09/2022 | 4147852 | 22195014.0 |        |
| 4148173 | Fameccanica.Data S.p.A.   | 02/08/2021 | 4148173 | 22197196.3 |        |
| 4148274 | Eagle Industry Co., Ltd.  | 09/07/2019 | 4148274 | 22200533.2 |        |
| 4150225 | ABB SCHWEIZ AG  | 14/05/2020 | 4150225 | 20728975.2 |        |
| 4154973 | Heraeus Medical GmbH  | 28/09/2021 | 4154973 | 21199464.5 | German |
| 4155211 | Rolls-Royce plc   | 30/08/2022 | 4155211 | 22192721.3 |        |

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|---------|---|------------|---------|------------|--------|
| 4155724 | Commissariat à l'énergie atomique et<br>aux énergies alternatives | 29/07/2022 | 4155724 | 22187703.8 | French |
| 4156102 | Airbus Defence and Space SAS                                      | 15/09/2022 | 4156102 | 22195952.1 | French |
| 4163164 | FAUN Umweltechnik GmbH & Co.<br>KG                                | 06/10/2022 | 4163164 | 22199946.9 | German |
| 4166948 | B&A Automation BVBA   | 30/09/2022 | 4166948 | 22199156.5 |        |
| 4167267 | JEOL Ltd.   | 09/09/2022 | 4167267 | 22194955.5 |        |
| 4167402 | Northrop Grumman Systems<br>Corporation                           | 22/11/2019 | 4167402 | 22212244.2 |        |
| 4170339 | Darkvision Technologies Inc.                                      | 13/10/2022 | 4170339 | 22201292.4 |        |
| 4170994 | Tata Consultancy Services Limited                                 | 18/07/2022 | 4170994 | 22185371.6 |        |
| 4173456 | Carre S.A.S.  | 05/10/2022 | 4173456 | 22199718.2 | French |
| 4174321 | Pfeiffer Vacuum Technology AG                                     | 29/10/2021 | 4174321 | 21205430.8 | German |
| 4176779 | De'Longhi Appliances S.r.l. Divisione<br>Commerciale ARIETE       | 22/07/2022 | 4176779 | 22186388.9 |        |
| 4177562 | Dentler, Daniel   | 05/11/2021 | 4177562 | 21206685.6 | German |
| 4177595 | Bruker Belgium S.A.   | 03/11/2021 | 4177595 | 21206293.9 |        |
| 4183455 | Danish Aerospace Company A/S                                      | 27/11/2019 | 4183455 | 22213426.4 |        |
| 4188377 | Cellworks Group, Inc.   | 23/03/2022 | 4188377 | 22718776.2 |        |
| 4191065 | HUSQVARNA AB  | 02/12/2021 | 4191065 | 21212039.8 |        |
| 4197012 | Hitachi Energy Ltd  | 04/02/2022 | 4197012 | 22707383.0 |        |
| 4197091 | Schunk Kohlenstofftechnik GmbH                                    | 28/10/2020 | 4197091 | 20799672.9 | German |
| 4197739 | Gea Procomac S.p.A.   | 30/08/2022 | 4197739 | 22192887.2 |        |
| 4197767 | Carl Zeiss Vision International GmbH                              | 25/06/2021 | 4197767 | 23153496.7 |        |
| 4201492 | Morethings Co., Ltd.  | 23/12/2021 | 4201492 | 21217312.4 |        |
| 4206422 | Mesan Kilit Anonim Sirketi  | 28/12/2021 | 4206422 | 21217981.6 |        |
| 4208639 | DANFOSS POWER SOLUTIONS<br>(JIANGSU) CO., LTD.                    | 29/12/2020 | 4208639 | 20845144.3 |        |
| 4214790 | Mercedes-Benz Group AG  | 26/04/2022 | 4214790 | 22725825.8 | German |
| 4215751 | LG Electronics Inc.   | 20/01/2023 | 4215751 | 23152570.0 |        |
| 4229490 | Samson Aktiengesellschaft   | 23/12/2022 | 4229490 | 22839839.2 | German |
| 4237977 | inlyse GmbH   | 30/10/2020 | 4237977 | 20800863.1 |        |
| 4244707 | Mercedes-Benz Group AG  | 07/12/2022 | 4244707 | 22830815.1 | German |
| 4247767 | thyssenkrupp Polysius GmbH<br>thyssenkrupp AG                     | 04/02/2022 | 4247767 | 22713299.0 | German |
| 4251820 | Stal-West Zrt.  | 10/10/2022 | 4251820 | 22809902.4 |        |
| 4281504 | Biome Bioplastics Limited   | 27/10/2022 | 4281504 | 22812541.5 |        |

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| 1656983 | IFP Energies nouvelles   | 27/10/2005 | 1656983 | 05292276.2 | French |
| 2215493 | Rx Networks Inc.   | 07/11/2008 | 2215493 | 08847116.4 |        |
| 2228602 | General Electric Technology GmbH   | 09/03/2010 | 2228602 | 10155880.7 |        |
| 2374095 | BR-Technic v/Henrik R. Jeppesen  | 20/08/2009 | 2374095 | 09776263.7 |        |
| 2545095 | Transitions Optical, Inc.  | 16/02/2011 | 2545095 | 11706983.1 |        |
| 2556431 | Apple Inc.   | 23/09/2010 | 2556431 | 10760868.9 |        |
| 2568045 | Heptares Therapeutics Limited  | 08/12/2008 | 2568045 | 12196192.4 |        |
| 2665503 | SHL Medical AG   | 11/01/2012 | 2665503 | 12734554.4 |        |
| 2710556 | Fugro Advance Pty Ltd.   | 16/05/2012 | 2710556 | 12786368.6 |        |
| 2718754 | Transitions Optical, Inc.  | 16/11/2011 | 2718754 | 11799340.2 |        |
| 2787945 | Becton, Dickinson and Company  | 06/12/2012 | 2787945 | 12809001.6 |        |
| 2793750 | Abiomed, Inc.  | 21/12/2012 | 2793750 | 12859023.9 |        |
| 2803990 | NGK Insulators, Ltd.   | 09/05/2014 | 2803990 | 14167743.5 |        |
| 2811811 | Groupe Brandt  | 28/05/2014 | 2811811 | 14170203.5 | French |
| 2820633 | HERE Global B.V.   | 28/11/2012 | 2820633 | 12794937.8 |        |
| 2840955 | Precordior Oy  | 17/04/2013 | 2840955 | 13723823.4 |        |
| 2841264 | Commissariat à l'Énergie Atomique et<br>aux Énergies Alternatives                            | 17/04/2013 | 2841264 | 13722497.8 | French |
| 2861956 | Iris International, Inc.   | 30/05/2013 | 2861956 | 13796734.5 |        |
| 2872704 | 1 Space Pty Ltd  | 11/07/2013 | 2872704 | 13817516.1 |        |
| 2873045 | IDEMIA France  | 09/07/2013 | 2873045 | 13744720.7 | French |
| 2873343 | The Gillette Company LLC   | 13/11/2013 | 2873343 | 13192697.4 |        |
| 2882591 | 3M Innovative Properties Company   | 08/08/2013 | 2882591 | 13828132.4 |        |
| 2891870 | Nabtesco Corporation   | 30/08/2012 | 2891870 | 12883683.0 |        |
| 2892942 | Arkema France  | 27/08/2013 | 2892942 | 13762190.0 | French |
| 2897449 | FUJI Corporation   | 12/09/2012 | 2897449 | 12884411.5 |        |
| 2901143 | BL Technologies, Inc.  | 10/09/2013 | 2901143 | 13770995.2 |        |
| 2918191 | The Procter & Gamble Company   | 11/03/2014 | 2918191 | 14158836.8 |        |
| 2933982 | Huawei Device Co., Ltd.  | 20/03/2014 | 2933982 | 14774141.7 |        |
| 2942373 | RTX Corporation  | 11/05/2015 | 2942373 | 15167218.5 |        |
| 2944446 | Oji Holdings Corporation   | 11/12/2013 | 2944446 | 13862654.4 |        |
| 2947477 | Rockwell Automation Technologies,<br>Inc.<br>Teledyne Innovaciones<br>Microelectrónicas, SLU | 19/05/2015 | 2947477 | 15168237.4 |        |

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| 2955241 | Maschinenfabrik Gustav Eirich GmbH<br>& Co. KG  | 12/06/2014 | 2955241 | 14172142.3 |        |
| 2959326 | Sercel, Inc.  | 23/02/2014 | 2959326 | 14754408.4 |        |
| 2966115 | The Boeing Company  | 25/06/2015 | 2966115 | 15173795.4 |        |
| 2968961 | Implantica Patent Ltd.  | 14/03/2014 | 2968961 | 14716526.0 |        |
| 2969162 | Vita-Mix Management Corporation   | 14/03/2014 | 2969162 | 14762667.5 |        |
| 2970342 | VisEn Medical, Inc.   | 14/03/2014 | 2970342 | 14723931.3 |        |
| 2973648 | Micromass UK Limited  | 14/03/2014 | 2973648 | 14711844.2 |        |
| 2975759 | Beijing Institute of Nanoenergy and<br>Nanosystems  | 24/01/2014 | 2975759 | 14765646.6 |        |
| 2977406 | LG Chem, Ltd.   | 24/09/2014 | 2977406 | 14847456.2 |        |
| 2998763 | The Boeing Company  | 10/09/2015 | 2998763 | 15184601.1 |        |
| 3001386 | Toll Collect GmbH   | 29/09/2014 | 3001386 | 14186901.6 | German |
| 3004873 | Chawla, Lakhmir S.<br>Astute Medical, Inc.  | 05/06/2014 | 3004873 | 14806904.0 |        |
| 3009477 | ORBUSNEICH MEDICAL PTE. LTD   | 20/07/2007 | 3009477 | 15003364.5 |        |
| 3013407 | Vaporox, Inc.   | 29/06/2013 | 3013407 | 13861708.9 |        |
| 3013747 | Centre National de la Recherche<br>Scientifique (C.N.R.S.)<br>Université Paul Sabatier Toulouse III | 26/06/2014 | 3013747 | 14749897.6 | French |
| 3019299 | Kondex Corporation  | 09/07/2014 | 3019299 | 14822190.6 |        |
| 3019536 | Dow Global Technologies LLC   | 09/07/2014 | 3019536 | 14744253.7 |        |
| 3024591 | Shurtape Technologies, LLC  | 23/07/2014 | 3024591 | 14829828.4 |        |
| 3025202 | BL Technologies, Inc.   | 25/07/2013 | 3025202 | 13750415.5 |        |
| 3029660 | Samsung Display Co., Ltd.   | 15/07/2015 | 3029660 | 15176809.0 |        |
| 3030256 | Clinuvel Pharmaceuticals Ltd.   | 05/08/2014 | 3030256 | 14758791.9 |        |
| 3034665 | KARL MAYER STOLL R&D GmbH   | 18/12/2014 | 3034665 | 14198967.3 | German |
| 3035893 | Globus Medical, Inc.  | 21/08/2014 | 3035893 | 14837597.5 |        |
| 3046185 | Tyco Electronics AMP Korea Co., Ltd.  | 05/01/2016 | 3046185 | 16150242.2 |        |
| 3059081 | RTX Corporation   | 22/02/2016 | 3059081 | 16156668.2 |        |
| 3072916 | Mitsubishi Engineering-Plastics<br>Corporation  | 05/11/2014 | 3072916 | 14862269.9 |        |
| 3074096 | MSA Technology, LLC   | 25/11/2014 | 3074096 | 14812098.3 |        |
| 3074429 | W.R. Grace & CO. - CONN.  | 26/11/2014 | 3074429 | 14866037.6 |        |
| 3074778 | Zengar Institute Inc.   | 26/11/2014 | 3074778 | 14865209.2 |        |
| 3080025 | Otis Elevator Company   | 12/12/2013 | 3080025 | 13899296.1 |        |
| 3082917 | Becton, Dickinson and Company   | 19/12/2014 | 3082917 | 14872763.9 |        |

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| 3087210 | RTX Corporation  | 16/12/2014 | 3087210 | 14873424.7 |        |
| 3091969 | Johnson & Johnson Consumer Inc.  | 23/12/2014 | 3091969 | 14830772.1 |        |
| 3092690 | IPG Photonics Corporation  | 06/01/2015 | 3092690 | 15733181.0 |        |
| 3097915 | Chiesi Farmaceutici S.p.A.   | 18/04/2012 | 3097915 | 16178624.9 |        |
| 3105299 | Ecolab USA Inc.  | 10/02/2015 | 3105299 | 15749029.3 |        |
| 3109797 | ORANGE   | 24/06/2016 | 3109797 | 16176132.5 | French |
| 3111453 | Pourrahimi, Shahin   | 03/10/2014 | 3111453 | 14883893.1 |        |
| 3119431 | Teva Pharmaceuticals International<br>GmbH   | 20/03/2015 | 3119431 | 15765287.6 |        |
| 3119571 | CHRYSO   | 20/03/2015 | 3119571 | 15711731.8 | French |
| 3129114 | Spinelli, Louis  | 08/04/2015 | 3129114 | 15776241.0 |        |
| 3130190 | Huawei Technologies Co., Ltd.  | 27/03/2015 | 3130190 | 15769742.6 |        |
| 3132496 | Continental Automotive Technologies<br>GmbH  | 23/03/2015 | 3132496 | 15714438.7 | German |
| 3134120 | The Children's Hospital of Philadelphia<br>The Trustees of The University of<br>Pennsylvania | 21/04/2015 | 3134120 | 15782489.7 |        |
| 3134640 | Renault s.a.s  | 02/04/2015 | 3134640 | 15718540.6 | French |
| 3139839 | Muffin Incorporated  | 05/05/2015 | 3139839 | 15789395.9 |        |
| 3141940 | PPC Broadband Fiber Ltd.   | 30/04/2008 | 3141940 | 16195321.1 |        |
| 3145958 | Cellucomp Limited<br>Novozymes A/S<br>University of Copenhagen                               | 21/05/2015 | 3145958 | 15725102.6 |        |
| 3148640 | Cala Health, Inc.  | 02/06/2015 | 3148640 | 15802810.0 |        |
| 3149709 | Intel Corporation  | 29/04/2015 | 3149709 | 15800521.5 |        |
| 3156609 | General Electric Technology GmbH   | 10/10/2016 | 3156609 | 16193076.3 |        |
| 3156799 | Novilux, LLC   | 04/04/2007 | 3156799 | 16186528.2 |        |
| 3159779 | Apple Inc.   | 18/09/2012 | 3159779 | 16193534.1 |        |
| 3160981 | Piramal Enterprises Limited  | 24/06/2015 | 3160981 | 15811513.9 |        |
| 3164541 | Danapak Flexibles A/S  | 05/05/2015 | 3164541 | 15721115.2 |        |
| 3164897 | University of Copenhagen   | 02/07/2015 | 3164897 | 15735666.8 |        |
| 3166521 | In2Bones   | 09/07/2015 | 3166521 | 15753100.5 | French |
| 3175499 | CPS Technology Holdings LLC  | 28/07/2015 | 3175499 | 15753241.7 |        |
| 3176706 | SAP SE   | 17/11/2016 | 3176706 | 16002445.1 |        |
| 3176730 | B&R Industrial Automation GmbH   | 15/11/2016 | 3176730 | 16198774.8 | German |
| 3177107 | E.G.O. Elektro-Gerätebau GmbH  | 02/12/2015 | 3177107 | 15197633.9 | German |
| 3177207 | Fisher & Paykel Healthcare Limited   | 04/09/2015 | 3177207 | 15837853.9 |        |



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| 3178238 | Alcatel Lucent  | 29/07/2015 | 3178238 | 15784752.6 |        |
| 3178577 | Labor Dr. Füllung<br>Mühlen, Heinz-Jürgen   | 08/12/2016 | 3178577 | 16202928.4 | German |
| 3179514 | IMEC VZW  | 11/12/2015 | 3179514 | 15199618.8 |        |
| 3182102 | General Electric Technology GmbH  | 09/12/2016 | 3182102 | 16203161.1 |        |
| 3182180 | Schleifring GmbH  | 17/12/2015 | 3182180 | 15200943.7 |        |
| 3182334 | Conduent Business Services, LLC   | 06/12/2016 | 3182334 | 16202552.2 |        |
| 3184355 | Mitsubishi Jidosha Kogyo Kabushiki<br>Kaisha  | 22/12/2016 | 3184355 | 16206129.5 |        |
| 3188340 | NISSAN MOTOR CO., LTD.  | 29/08/2014 | 3188340 | 14900404.6 |        |
| 3188566 | Xiaomi Inc.   | 11/11/2016 | 3188566 | 16198518.9 |        |
| 3192442 | Biosense Webster (Israel) Ltd.  | 16/01/2017 | 3192442 | 17151625.5 |        |
| 3195016 | Airthings ASA   | 10/07/2015 | 3195016 | 15738448.8 |        |
| 3204529 | L'Air Liquide, Société Anonyme pour<br>l'Etude et l'Exploitation des Procédés<br>Georges Claude | 16/09/2015 | 3204529 | 15788461.0 | French |
| 3208642 | Samsung Electronics Co., Ltd.<br>Samsung SDI Co., Ltd   | 20/02/2017 | 3208642 | 17156909.8 |        |
| 3209202 | New York University   | 19/10/2015 | 3209202 | 15853193.9 |        |
| 3212102 | Medtronic Advanced Energy LLC   | 30/10/2015 | 3212102 | 15791462.3 |        |
| 3218619 | Öhlins Racing AB  | 13/11/2015 | 3218619 | 15797933.7 |        |
| 3220975 | Triomed AB  | 20/11/2015 | 3220975 | 15860269.8 |        |
| 3222704 | NOF Corporation   | 16/11/2015 | 3222704 | 15860969.3 |        |
| 3223049 | Huawei Technologies Co., Ltd.   | 22/03/2016 | 3223049 | 16161719.6 |        |
| 3224918 | Stratasys, Inc.   | 24/11/2015 | 3224918 | 15816565.4 |        |
| 3225771 | HAUTAU GmbH   | 06/01/2017 | 3225771 | 17150490.5 | German |
| 3226993 | Advanced Electrophoresis Solutions Ltd  | 02/12/2015 | 3226993 | 15865574.6 |        |
| 3228998 | Hoffer, Ronald Jürgen   | 22/03/2017 | 3228998 | 17020111.5 | German |
| 3229745 | Ocon Medical Ltd.   | 11/12/2014 | 3229745 | 14907677.0 |        |
| 3230312 | ABCAM PLC   | 10/12/2015 | 3230312 | 15816210.7 |        |
| 3230445 | Woolf, Tod M.<br>Lebedev, Alexandre<br>Hogrefe, Richard I.                                      | 11/12/2015 | 3230445 | 15868062.9 |        |
| 3234003 | Dow Global Technologies LLC   | 14/12/2015 | 3234003 | 15820947.8 |        |
| 3235354 | AT & S Austria Technologie &<br>Systemtechnik Aktiengesellschaft                                | 16/12/2015 | 3235354 | 15820078.2 |        |
| 3235638 | Nitto Denko Corporation   | 25/12/2015 | 3235638 | 15873332.9 |        |

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| 3237820 | Flint Engineering Ltd                                | 18/12/2015 | 3237820 | 15816835.1 |        |
| 3239773 | Envirosight LLC                                      | 02/05/2017 | 3239773 | 17169083.7 |        |
| 3242628 | Kulzer GmbH  | 17/12/2015 | 3242628 | 15816146.3 | German |
| 3243482 | Osstem Implant Co., Ltd.                             | 04/12/2015 | 3243482 | 15875546.2 |        |
| 3243567 | Li, Qunzhu   | 06/01/2016 | 3243567 | 16734913.3 |        |
| 3243568 | Li, Qunzhu   | 06/01/2016 | 3243568 | 16734912.5 |        |
| 3244079 | BAUER Maschinen GmbH                                 | 11/05/2016 | 3244079 | 16169187.8 | German |
| 3247784 | Versum Materials US, LLC                             | 05/01/2016 | 3247784 | 16740490.4 |        |
| 3255129 | The Lubrizol Corporation                             | 02/06/2017 | 3255129 | 17174338.8 |        |
| 3255820 | Sprecher Automation GmbH                             | 02/06/2017 | 3255820 | 17174205.9 | German |
| 3256044 | MAS Innovation (Private) Limited                     | 15/02/2016 | 3256044 | 16704933.7 |        |
| 3257618 | Tyco Electronics (Shanghai) Co., Ltd                 | 30/05/2017 | 3257618 | 17173364.5 |        |
|         | Measurement Specialties (Chengdu) Ltd                |            |         |            |        |
|         | Shenzen AMI Technology Co., Ltd                      |            |         |            |        |
|         | TE Connectivity Solutions GmbH                       |            |         |            |        |
| 3261178 | Huawei Technologies Co. Ltd.                         | 16/04/2015 | 3261178 | 15888818.0 |        |
| 3263032 | Dexcom, Inc.   | 08/12/2004 | 3263032 | 17167254.6 |        |
| 3272478 | Universidad Técnica Federico Santa<br>María          | 15/03/2016 | 3272478 | 16764108.3 |        |
| 3273841 | Nokia Technologies Oy                                | 27/03/2015 | 3273841 | 15886792.9 |        |
| 3277581 | B/E Aerospace, Inc.                                  | 30/03/2016 | 3277581 | 16774085.1 |        |
| 3279207 | Sichuan Kelun-Biotech<br>Biopharmaceutical Co., Ltd. | 28/03/2016 | 3279207 | 16771348.6 |        |
| 3280021 | Siemens Gamesa Renewable Energy<br>Service GmbH      | 31/07/2017 | 3280021 | 17183973.1 | German |
| 3280077 | Adtran Networks SE                                   | 01/08/2016 | 3280077 | 16182196.2 |        |
| 3281104 | Runsafes Security, Inc.                              | 07/04/2016 | 3281104 | 16777240.9 |        |
| 3283713 | Ocado Innovation Limited                             | 15/04/2016 | 3283713 | 16720058.3 |        |
| 3284577 | Krones AG  | 10/03/2015 | 3284577 | 17190108.5 | German |
| 3285237 | Fusio D'arts Technology, S.L.                        | 29/09/2016 | 3285237 | 16850427.2 |        |
| 3286270 | Advansix Resins & Chemicals LLC.                     | 19/04/2016 | 3286270 | 16783691.5 |        |
| 3289127 | Spinnova Oy  | 25/04/2016 | 3289127 | 16786019.6 |        |
| 3289868 | Cyberdyne Inc.<br>University of Tsukuba              | 26/04/2016 | 3289868 | 16789529.1 |        |
| 3290006 | Fillauer Europe AB                                   | 30/08/2016 | 3290006 | 16186234.7 |        |
| 3292148 | Pieris Pharmaceuticals GmbH                          | 04/05/2016 | 3292148 | 16721154.9 |        |
| 3297317 | NTT DoCoMo, Inc.                                     | 13/05/2016 | 3297317 | 16792775.5 |        |

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| 3297450 | The Coca-Cola Company   | 01/10/2015 | 3297450 | 15892785.5 |        |
| 3298005 | The Regents of the University of California                   | 23/05/2016 | 3298005 | 16797439.3 |        |
| 3298487 | Nicira Inc.   | 16/05/2016 | 3298487 | 16728142.7 |        |
| 3299342 | Sunrui Marine Environment Engineering Co., Ltd.               | 18/05/2015 | 3299342 | 15892141.1 |        |
| 3299837 | Top Victory Investments Limited                               | 22/12/2016 | 3299837 | 16206270.7 |        |
| 3300473 | FUJI Corporation  | 21/05/2015 | 3300473 | 15892614.7 |        |
| 3302509 | Lifenet Health  | 27/05/2016 | 3302509 | 16804134.1 |        |
| 3305092 | Roquette Frères   | 31/01/2014 | 3305092 | 17203082.7 | French |
| 3306091 | General Electric Company                                      | 06/10/2017 | 3306091 | 17195182.5 |        |
| 3307020 | Microwave Chemical Co., Ltd.                                  | 10/05/2017 | 3307020 | 17796199.2 |        |
| 3307400 | D B Industries, LLC   | 08/06/2016 | 3307400 | 16730653.9 |        |
| 3307753 | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. | 08/06/2016 | 3307753 | 16731047.3 |        |
| 3308700 | Daikin Industries, Ltd.<br>Tokyo Institute of Technology      | 13/06/2016 | 3308700 | 16807643.8 |        |
| 3310073 | Audio-Technica Corporation                                    | 25/07/2017 | 3310073 | 17183093.8 |        |
| 3310245 | Rndent-IP Ltd.  | 15/06/2016 | 3310245 | 16813840.2 |        |
| 3310378 | F. Hoffmann-La Roche AG                                       | 14/06/2016 | 3310378 | 16731764.3 |        |
| 3313719 | Saint-Gobain Performance Plastics Corporation                 | 27/06/2016 | 3313719 | 16818534.6 |        |
| 3314007 | Native Microbials, Inc.                                       | 24/06/2016 | 3314007 | 16815367.4 |        |
| 3314760 | Huawei Technologies Co., Ltd.                                 | 12/05/2016 | 3314760 | 16722660.4 |        |
| 3315070 | Nihon Kohden Corporation                                      | 26/10/2017 | 3315070 | 17198549.2 |        |
| 3318372 | The Boeing Company  | 16/10/2017 | 3318372 | 17196698.9 |        |
| 3319260 | LG Electronics Inc.   | 01/07/2016 | 3319260 | 16818298.8 |        |
| 3319540 | Intuitive Surgical Operations, Inc.                           | 06/07/2016 | 3319540 | 16821895.6 |        |
| 3321156 | Shenzhen Dynamic Balance Technology Co., Ltd.                 | 29/06/2017 | 3321156 | 17808299.6 |        |
| 3322115 | Huawei Technologies Co., Ltd.                                 | 14/08/2015 | 3322115 | 15901263.2 |        |
| 3325978 | Azenta US, Inc.   | 12/07/2016 | 3325978 | 16828240.8 |        |
| 3326093 | Limagrain Europe  | 23/07/2015 | 3326093 | 15784751.8 |        |
| 3327174 | LG Display Co., Ltd.  | 17/11/2017 | 3327174 | 17202229.5 |        |
| 3329343 | Videojet Technologies Inc.                                    | 21/07/2016 | 3329343 | 16741331.9 |        |
| 3331112 | Mitsubishi Electric Corporation                               | 28/07/2016 | 3331112 | 16832897.9 |        |
| 3331997 | Monsanto Technology LLC                                       | 29/07/2016 | 3331997 | 16833627.9 |        |

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| 3333069 | Goodrich Corporation                                    | 11/12/2017 | 3333069 | 17206453.7 |        |
| 3334501 | Johnson & Johnson Consumer Inc.                         | 11/08/2016 | 3334501 | 16754097.0 |        |
| 3336997 | Electricité de France                                   | 19/12/2016 | 3336997 | 17205601.2 |        |
| 3337591 | W. L. Gore & Associates, Inc.                           | 18/08/2016 | 3337591 | 16757471.4 |        |
| 3338783 | UNION therapeutics A/S                                  | 08/09/2015 | 3338783 | 18155373.6 |        |
| 3338851 | Terumo Kabushiki Kaisha                                 | 23/09/2016 | 3338851 | 16848667.8 |        |
| 3339497 | Samsung Electronics Co., Ltd.                           | 29/11/2017 | 3339497 | 17204429.9 |        |
| 3340262 | Eaton Intelligent Power Limited                         | 06/12/2017 | 3340262 | 17205682.2 |        |
| 3340508 | Thales  | 21/12/2017 | 3340508 | 17209570.5 | French |
| 3340808 | INCREDO LTD   | 26/08/2016 | 3340808 | 16840895.3 |        |
| 3342662 | Hyundai Motor Company<br>Kia Corporation                | 05/12/2017 | 3342662 | 17205394.4 |        |
| 3343267 | Magic Leap, Inc.  | 30/12/2016 | 3343267 | 16207441.3 |        |
| 3344331 | Scion NeuroStim, Inc.                                   | 01/09/2016 | 3344331 | 16767081.9 |        |
| 3345733 | Maag Gala, Inc.   | 31/08/2006 | 3345733 | 18158802.1 |        |
| 3346069 | Tulilattia Oy   | 12/12/2017 | 3346069 | 17206649.0 |        |
| 3346095 | General Electric Technology GmbH                        | 07/12/2017 | 3346095 | 17206058.4 |        |
| 3346252 | Japan Agency for Marine-Earth Science<br>and Technology | 06/09/2016 | 3346252 | 16844329.9 |        |
| 3346865 | Nike Innovate C.V.                                      | 25/08/2016 | 3346865 | 16760297.8 |        |
| 3347464 | University of Massachusetts                             | 06/09/2016 | 3347464 | 16844934.6 |        |
| 3349671 | Terumo Corporation                                      | 19/09/2016 | 3349671 | 16847566.3 |        |
| 3349870 | TMRW Foundation IP SARL                                 | 16/09/2016 | 3349870 | 16775106.4 |        |
| 3350700 | Huawei Technologies Co., Ltd.                           | 13/10/2015 | 3350700 | 15860018.9 |        |
| 3351229 | Hill-Rom Services, Inc.                                 | 14/12/2017 | 3351229 | 17207497.3 |        |
| 3354689 | Heraeus Epurio GmbH                                     | 30/01/2017 | 3354689 | 17153794.7 |        |
| 3355782 | Elucent Medical, Inc.                                   | 30/09/2016 | 3355782 | 16852699.4 |        |
| 3356677 | Carrier Corporation                                     | 11/08/2016 | 3356677 | 16754088.9 |        |
| 3357993 | JXTG Nippon Oil & Energy<br>Corporation                 | 27/09/2016 | 3357993 | 16851532.8 |        |
| 3362178 | Labcyte Inc.  | 10/10/2016 | 3362178 | 16791714.5 |        |
| 3363193 | Huawei Technologies Co., Ltd.                           | 11/11/2015 | 3363193 | 15798354.5 |        |
| 3364456 | At&S (China) Co., Ltd.                                  | 22/12/2017 | 3364456 | 17210055.4 |        |
| 3365630 | KONE Corporation  | 19/10/2015 | 3365630 | 15781376.7 |        |
| 3366708 | Asahi Kasei Kabushiki Kaisha                            | 25/10/2017 | 3366708 | 17868941.0 |        |
| 3367820 | Innotech Materials, LLC                                 | 28/10/2016 | 3367820 | 16860921.2 |        |
| 3368931 | Ledil Oy  | 20/10/2016 | 3368931 | 16794667.2 |        |

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| 3374421 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.                                   | 09/11/2016 | 3374421 | 16794590.6 | German |
| 3374683 | Kármán, Balázs<br>NOVÁK, László  | 08/11/2016 | 3374683 | 16819160.9 |        |
| 3374751 | The United States of America, as represented by The Secretary, Department of Health and Human Services | 11/11/2016 | 3374751 | 16809238.5 |        |
| 3374764 | Life Technologies Corporation  | 11/11/2016 | 3374764 | 16804964.1 |        |
| 3375470 | F. Hoffmann-La Roche AG  | 10/04/2008 | 3375470 | 18163723.2 |        |
| 3375867 | ViaCyte, Inc.  | 20/10/2008 | 3375867 | 18171601.0 |        |
| 3378947 | Hefei Lifeon Pharmaceutical Co. Ltd.   | 16/11/2015 | 3378947 | 15908514.1 |        |
| 3382020 | LUCA Science Inc.  | 28/11/2016 | 3382020 | 16868706.9 |        |
| 3382821 | Yamaichi Electronics Deutschland GmbH  | 28/03/2018 | 3382821 | 18000303.0 | German |
| 3383281 | Crossroads Extremity Systems, LLC  | 21/11/2016 | 3383281 | 16871284.2 |        |
| 3383561 | Arconic Technologies LLC   | 05/12/2016 | 3383561 | 16871725.4 |        |
| 3383773 | Berkshire Grey Operating Company, Inc.   | 01/12/2016 | 3383773 | 16816518.1 |        |
| 3385239 | Uzin Utz AG  | 04/04/2017 | 3385239 | 17164720.9 | German |
| 3385777 | HTC Corporation  | 09/03/2018 | 3385777 | 18161067.6 |        |
| 3386506 | Autifony Therapeutics Limited  | 09/12/2016 | 3386506 | 16813020.1 |        |
| 3387706 | Huawei Technologies Co., Ltd.  | 12/04/2016 | 3387706 | 16715555.5 |        |
| 3388065 | CAS Lamvac (Guangzhou) Biomedical Technology Co., Ltd.   | 08/12/2015 | 3388065 | 15910005.6 |        |
| 3388095 | Micrel Medical Devices S.A.  | 12/04/2017 | 3388095 | 17166383.4 |        |
| 3389742 | Merck Sharp & Dohme LLC  | 14/12/2016 | 3389742 | 16876509.7 |        |
| 3390938 | Engie  | 16/12/2016 | 3390938 | 16834023.0 | French |
| 3392181 | Otis Elevator Company  | 26/03/2018 | 3392181 | 18164083.0 |        |
| 3392770 | INTEL Corporation  | 17/04/2018 | 3392770 | 18167860.8 |        |
| 3392949 | Nissan Motor Co., Ltd.   | 20/10/2016 | 3392949 | 16875240.0 |        |
| 3393769 | Hexcel Composites Limited  | 12/12/2016 | 3393769 | 16816242.8 |        |
| 3394853 | MQA Limited  | 21/12/2016 | 3394853 | 16826760.7 |        |
| 3397296 | Surmodics, Inc.  | 14/12/2016 | 3397296 | 16871770.0 |        |
| 3397304 | Baxter International Inc.<br>Baxter Healthcare SA  | 27/12/2016 | 3397304 | 16831802.0 |        |

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| 3397305 | Baxter International Inc<br>Baxter Healthcare SA  | 27/12/2016 | 3397305 | 16843248.2 |        |
| 3397720 | CHZ Technologies, LLC   | 16/12/2016 | 3397720 | 16882335.9 |        |
| 3400037 | Medtronic Xomed, Inc.   | 22/12/2016 | 3400037 | 16829176.3 |        |
| 3401987 | Panasonic Intellectual Property<br>Management Co., Ltd.   | 14/10/2016 | 3401987 | 16883524.7 |        |
| 3404142 | Beijing Urban Construction Design &<br>Development Group Co., Limited<br>Anhui Xingyu Railway Equipment Co.,<br>Ltd | 08/04/2016 | 3404142 | 16884604.6 |        |
| 3406313 | Nintendo Co., Ltd.  | 20/04/2018 | 3406313 | 18168511.6 |        |
| 3408681 | University of Washington  | 26/01/2017 | 3408681 | 17744905.5 |        |
| 3409452 | Mitsubishi Gas Chemical Company,<br>Inc.  | 16/01/2017 | 3409452 | 17741354.9 |        |
| 3411898 | Soitec  | 01/02/2017 | 3411898 | 17703365.1 |        |
| 3412908 | Nordex Energy SE & Co. KG   | 09/06/2017 | 3412908 | 17175154.8 | German |
| 3413489 | QUALCOMM Incorporated   | 28/09/2015 | 3413489 | 18186472.9 |        |
| 3415273 | Essilor International   | 12/06/2017 | 3415273 | 17305708.4 |        |
| 3415577 | FURUKAWA ELECTRIC CO., LTD.   | 16/12/2016 | 3415577 | 16889954.0 |        |
| 3417872 | Amano Enzyme Inc.<br>Hiroshima University   | 17/02/2017 | 3417872 | 17753334.6 |        |
| 3417896 | Clearside Biomedical, Inc.  | 02/05/2014 | 3417896 | 18176172.7 |        |
| 3419200 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V.<br>Red Bull GmbH                            | 29/09/2017 | 3419200 | 17193940.8 |        |
| 3420111 | Schwartz GmbH   | 25/01/2017 | 3420111 | 17704171.2 | German |
| 3420578 | NewSouth Innovations Pty Limited  | 24/02/2017 | 3420578 | 17755656.0 |        |
| 3421548 | FUJIFILM Corporation  | 24/02/2017 | 3421548 | 17756668.4 |        |
| 3423080 | Macquarie University  | 01/03/2017 | 3423080 | 17759009.8 |        |
| 3424043 | Bose Corporation  | 28/02/2017 | 3424043 | 17710822.2 |        |
| 3426153 | Universiteit Gent   | 06/03/2017 | 3426153 | 17707935.7 |        |
| 3426276 | Follea International  | 24/05/2018 | 3426276 | 18738186.8 |        |
| 3426398 | F. Hoffmann-La Roche AG   | 10/03/2017 | 3426398 | 17709119.6 |        |
| 3428112 | Liebherr-Werk Nenzing GmbH  | 19/06/2018 | 3428112 | 18178564.3 | German |
| 3428275 | STEMON Inc.   | 09/08/2016 | 3428275 | 16893680.5 |        |
| 3428615 | HORIBA, Ltd.  | 13/07/2018 | 3428615 | 18183290.8 |        |

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| 3429147 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.            | 20/06/2016 | 3429147 | 16905746.0 |        |
| 3430361 | Rosemount Inc.  | 27/02/2017 | 3430361 | 17767150.0 |        |
| 3431138 | Implantica Patent Ltd.  | 30/04/2009 | 3431138 | 18187142.7 |        |
| 3431773 | ebm-papst Mulfingen GmbH & Co. KG                                     | 17/07/2018 | 3431773 | 18184037.2 | German |
| 3436094 | RyMed Technologies, LLC   | 29/03/2017 | 3436094 | 17716403.5 |        |
| 3436416 | BASF SE   | 23/03/2017 | 3436416 | 17773392.0 |        |
| 3436843 | Topcon Positioning Systems, Inc.                                      | 11/01/2017 | 3436843 | 17701957.7 |        |
| 3438472 | ZF Friedrichshafen AG   | 02/07/2018 | 3438472 | 18181098.7 | German |
| 3438820 | Apple Inc.  | 30/05/2014 | 3438820 | 18194879.5 |        |
| 3440477 | Raytheon Company  | 04/04/2017 | 3440477 | 17718249.0 |        |
| 3441044 | Kowa Company, Ltd.  | 07/04/2017 | 3441044 | 17779231.4 |        |
| 3441186 | Kuipers<br>D.E.C.O. Nv  | 08/08/2018 | 3441186 | 18188097.2 |        |
| 3441637 | Goodrich Corporation  | 08/08/2018 | 3441637 | 18187992.5 |        |
| 3441878 | Huawei Technologies Co., Ltd.   | 19/04/2017 | 3441878 | 17788694.2 |        |
| 3441984 | ASCO, L.P.  | 14/12/2007 | 3441984 | 18198109.3 |        |
| 3442636 | Apple Inc.  | 31/05/2017 | 3442636 | 17810736.3 |        |
| 3443102 | Rijk Zwaan Zaadteelt en Zaadhandel<br>B.V.                            | 13/04/2017 | 3443102 | 17717712.8 |        |
| 3443938 | St. Jude Medical, LLC   | 26/09/2008 | 3443938 | 18190563.9 |        |
| 3446118 | Becton, Dickinson and Company   | 18/04/2017 | 3446118 | 17786484.0 |        |
| 3449129 | CIRCOR PUMPS NORTH AMERICA,<br>LLC.                                   | 11/05/2016 | 3449129 | 16900752.3 |        |
| 3451939 | Teleflex Life Sciences Limited  | 05/05/2017 | 3451939 | 17723889.6 |        |
| 3452132 | Parasol Medical LLC   | 04/05/2017 | 3452132 | 17793313.2 |        |
| 3452829 | Fundació Hospital Universitari Vall<br>d'Hebron - Institut de Recerca | 30/03/2017 | 3452829 | 17713973.0 |        |
| 3453048 | Adeia Semiconductor Technologies<br>LLC                               | 27/04/2017 | 3453048 | 17793029.4 |        |
| 3453056 | InvenSense, Inc.  | 04/05/2017 | 3453056 | 17723880.5 |        |
| 3454050 | The Boeing Company  | 22/08/2018 | 3454050 | 18190337.8 |        |
| 3454197 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.                           | 04/09/2018 | 3454197 | 18192413.5 |        |
| 3455712 | Samsung Electronics Co., Ltd.   | 16/08/2017 | 3455712 | 17841675.6 |        |
| 3456461 | National Chung-Hsing University                                       | 28/02/2018 | 3456461 | 18159110.8 |        |

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| 3458422 | Lockheed Martin Corporation<br>University of Central Florida Research<br>Foundation, Inc.  | 18/04/2017 | 3458422 | 17799833.3 |        |
| 3459301 | Qualcomm Incorporated  | 22/04/2017 | 3459301 | 17722935.8 |        |
| 3460044 | Academia Sinica  | 16/05/2015 | 3460044 | 18187407.4 |        |
| 3462040 | CLAAS Selbstfahrende Erntemaschinen<br>GmbH  | 22/06/2018 | 3462040 | 18179268.0 | German |
| 3462854 | S.C. Johnson & Son, Inc.   | 12/05/2017 | 3462854 | 17725458.8 |        |
| 3463520 | Novo Nordisk A/S   | 29/05/2017 | 3463520 | 17725626.0 |        |
| 3465170 | BOBST MEX SA   | 17/05/2017 | 3465170 | 17727107.9 |        |
| 3466016 | INTEL Corporation  | 23/05/2016 | 3466016 | 16902629.1 |        |
| 3466100 | Bang & Olufsen A/S   | 05/05/2017 | 3466100 | 17724487.8 |        |
| 3466609 | Saidtools S.R.L.   | 01/10/2018 | 3466609 | 18197913.9 |        |
| 3467956 | Amphenol Phitek Limited  | 23/08/2018 | 3467956 | 18190571.2 |        |
| 3468388 | GEA TDS GmbH   | 11/06/2016 | 3468388 | 16734554.5 | German |
| 3469608 | Linet Spol. S.R.O.   | 23/02/2017 | 3469608 | 17712698.4 |        |
| 3469689 | Puls, Rainer M.<br>Puls, Oliver  | 09/06/2017 | 3469689 | 17745248.9 | German |
| 3469801 | Sony Interactive Entertainment LLC   | 08/06/2017 | 3469801 | 17731412.7 |        |
| 3470193 | Välinge Innovation AB  | 06/04/2009 | 3470193 | 18189881.8 |        |
| 3470407 | Firmenich Incorporated   | 04/11/2011 | 3470407 | 18199830.3 |        |
| 3471991 | ABB E-mobility B.V.  | 14/06/2017 | 3471991 | 17729493.1 |        |
| 3473016 | Pixellot Ltd.  | 19/06/2017 | 3473016 | 17814888.8 |        |
| 3473254 | Helmholtz Zentrum München<br>Deutsches Forschungszentrum für<br>Gesundheit und Umwelt GmbH | 01/08/2012 | 3473254 | 18207461.7 |        |
| 3473304 | Torque Fitness, LLC  | 02/02/2017 | 3473304 | 18190488.9 |        |
| 3473351 | MAGMA Giessereitechnologie GmbH  | 17/10/2017 | 3473351 | 17196851.4 |        |
| 3473930 | Rolls-Royce Deutschland Ltd & Co KG  | 05/10/2018 | 3473930 | 18198872.6 | German |
| 3474801 | Edgewell Personal Care Brands, LLC   | 23/06/2017 | 3474801 | 17734216.9 |        |
| 3474950 | L'OREAL  | 23/06/2017 | 3474950 | 17731182.6 |        |
| 3475256 | Firmenich SA   | 26/06/2017 | 3475256 | 17731921.7 |        |
| 3475459 | General Electric Technology GmbH   | 02/05/2017 | 3475459 | 17735679.7 |        |
| 3476386 | Fresenius Kabi Deutschland GmbH  | 15/05/2015 | 3476386 | 18185220.3 |        |
| 3477690 | Mitsubishi Electric Corporation  | 04/04/2014 | 3477690 | 18208036.6 |        |
| 3478543 | OCTO Telematics S.p.A.   | 30/06/2017 | 3478543 | 17751836.2 |        |
| 3479819 | Celltrion Inc.   | 28/06/2017 | 3479819 | 17820536.5 |        |



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| 3480357 | Tokyo Rope Manufacturing Co., Ltd.       | 29/06/2016 | 3480357 | 16907263.4 |        |
| 3482133 | General Electric Company                 | 29/06/2017 | 3482133 | 17737995.5 |        |
| 3483813 | Capital One Services, LLC                | 13/11/2018 | 3483813 | 18205802.4 |        |
| 3486562 | Valeo Vision                             | 14/11/2018 | 3486562 | 18206139.0 | French |
| 3487101 | Nokia Technologies Oy                    | 20/11/2017 | 3487101 | 17202606.4 |        |
| 3487421 | Boston Scientific Medical Device Limited | 09/11/2017 | 3487421 | 17801296.9 |        |
| 3487665 | Festool GmbH                             | 21/07/2017 | 3487665 | 17751659.8 | German |
| 3488346 | BlackBerry Limited                       | 19/07/2017 | 3488346 | 17830152.9 |        |
| 3490286 | Huawei Technologies Co., Ltd.            | 31/07/2017 | 3490286 | 17838586.0 |        |
| 3491425 | Smiths Detection France S.A.S.           | 27/07/2017 | 3491425 | 17761108.4 |        |
| 3494067 | Orora Packaging Solutions                | 24/03/2017 | 3494067 | 17786307.3 |        |
| 3494510 | Acco Brands Corporation                  | 03/08/2017 | 3494510 | 17837708.1 |        |
| 3494529 | Toluna Israel Limited                    | 18/07/2017 | 3494529 | 17837387.4 |        |
| 3495730 | General Electric Technology GmbH         | 08/12/2017 | 3495730 | 17206082.4 |        |
| 3495756 | Carrier Corporation                      | 06/12/2018 | 3495756 | 18210665.8 |        |
| 3496330 | Palantir Technologies Inc.               | 04/12/2018 | 3496330 | 18209980.4 |        |
| 3497117 | Navigo Proteins GmbH                     | 07/08/2017 | 3497117 | 17752349.5 |        |
| 3498532 | Iveco S.p.A.                             | 12/12/2018 | 3498532 | 18212101.2 |        |
| 3498789 | Sakata INX Corporation                   | 30/06/2017 | 3498789 | 17839101.7 |        |
| 3499975 | ZTE Corporation                          | 31/05/2017 | 3499975 | 17838411.1 |        |
| 3500025 | QUALCOMM Incorporated                    | 25/08/2016 | 3500025 | 19155070.6 |        |
| 3501060 | Samsung Electronics Co., Ltd.            | 30/10/2017 | 3501060 | 17869092.1 |        |
| 3501397 | Siemens Healthcare GmbH                  | 22/12/2017 | 3501397 | 17210234.5 |        |
| 3502322 | Sumitomo Electric Industries, Ltd.       | 26/05/2017 | 3502322 | 17910752.9 |        |
| 3502830 | Capital One Services, LLC                | 20/12/2018 | 3502830 | 18214527.6 |        |
| 3502874 | Hamilton Sundstrand Corporation          | 19/12/2018 | 3502874 | 18214141.6 |        |
| 3503072 | Hitachi Construction Machinery Co., Ltd. | 01/08/2017 | 3503072 | 17852701.6 |        |
| 3503691 | STANLEY ELECTRIC CO., LTD.               | 20/12/2018 | 3503691 | 18214674.6 |        |
| 3506220 | Innovative Technology Limited            | 05/10/2018 | 3506220 | 18198762.9 |        |
| 3506635 | Huawei Technologies Co., Ltd.            | 24/06/2017 | 3506635 | 17852186.0 |        |
| 3507595 | Massachusetts Institute of Technology    | 16/06/2017 | 3507595 | 17761936.8 |        |
| 3507800 | DTS, Inc.                                | 30/08/2017 | 3507800 | 17847510.9 |        |
| 3507838 | ECM GREENTECH                            | 29/08/2017 | 3507838 | 17764889.6 | French |
| 3509021 | General Electric Company                 | 20/12/2018 | 3509021 | 18214619.1 |        |
| 3509238 | Huawei Technologies Co., Ltd.            | 26/09/2017 | 3509238 | 17852448.4 |        |

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| 3509683 | Temme, Fabian   | 09/09/2017 | 3509683 | 17790957.9 | German |
| 3510002 | Corning Incorporated  | 07/09/2017 | 3510002 | 17781219.5 |        |
| 3510516 | Cylance Inc.  | 06/09/2017 | 3510516 | 17769154.0 |        |
| 3510880 | Shenzhen Innokin Technology Co., Ltd.                               | 25/07/2018 | 3510880 | 18185579.2 |        |
| 3511639 | Mitsubishi Electric Corporation                                     | 12/09/2016 | 3511639 | 16915761.7 |        |
| 3511810 | Makino Milling Machine Co., Ltd.                                    | 09/09/2016 | 3511810 | 16915732.8 |        |
| 3512347 | Haas Food Equipment GmbH  | 14/09/2017 | 3512347 | 17787867.5 |        |
| 3513269 | Samsung Electronics Co., Ltd.                                       | 17/10/2017 | 3513269 | 17861494.7 |        |
| 3514461 | Mitsubishi Electric Corporation                                     | 13/09/2016 | 3514461 | 16916194.0 |        |
| 3515533 | Airnov, Inc.  | 26/09/2017 | 3515533 | 17772427.5 |        |
| 3515803 | PSC Engineering S.r.l.  | 30/08/2017 | 3515803 | 17801510.3 |        |
| 3515994 | Zephyros Inc.   | 19/09/2017 | 3515994 | 17788331.1 |        |
| 3516118 | Somero Enterprises, Inc.  | 19/09/2017 | 3516118 | 17850402.3 |        |
| 3516638 | ZF CV Systems Europe BV   | 22/08/2017 | 3516638 | 17768357.0 | German |
| 3516642 | CAE USA Inc.  | 25/09/2017 | 3516642 | 17854077.9 |        |
| 3516671 | The Regents of the University of California                         | 25/09/2017 | 3516671 | 17854092.8 |        |
| 3516689 | Qualcomm Incorporated   | 30/08/2017 | 3516689 | 17772143.8 |        |
| 3517598 | Henkel AG & Co. KGaA  | 28/11/2018 | 3517598 | 18208798.1 |        |
| 3518763 | Bigfoot Biomedical, Inc.  | 27/09/2017 | 3518763 | 17857362.2 |        |
| 3519639 | Leko France   | 03/10/2017 | 3519639 | 17786977.3 | French |
| 3521166 | The Boeing Company  | 04/02/2019 | 3521166 | 19155392.4 |        |
| 3522717 | Matoke Holdings Limited   | 06/10/2017 | 3522717 | 17777607.7 |        |
| 3522747 | Fondazione Istituto Italiano di Tecnologia                          | 10/10/2017 | 3522747 | 17795062.3 |        |
| 3522841 | Bayer Oy  | 29/09/2017 | 3522841 | 17777264.7 |        |
| 3523155 | Waymo LLC   | 06/10/2017 | 3523155 | 17791505.5 |        |
| 3523385 | Rohm and Haas Company<br>Dow Global Technologies LLC                | 03/10/2017 | 3523385 | 17787293.4 |        |
| 3523760 | DeepMind Technologies Limited                                       | 04/11/2017 | 3523760 | 17807934.9 |        |
| 3528239 | Samsung Electronics Co., Ltd.                                       | 07/02/2013 | 3528239 | 19157580.2 |        |
| 3528462 | Darktrace Holdings Limited  | 19/02/2019 | 3528462 | 19158049.7 |        |
| 3529054 | BRUGG Rohrsystem AG   | 20/10/2017 | 3529054 | 17787401.3 | German |
| 3529653 | Magic Leap, Inc.  | 20/10/2017 | 3529653 | 17861810.4 |        |
| 3530641 | Dalian Institute Of Chemical Physics<br>Chinese Academy of Sciences | 19/10/2016 | 3530641 | 16919298.6 |        |

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| 3530642 | Dalian Institute Of Chemical<br>PhysicsChinese Academy of Sciences  | 19/10/2016 | 3530642 | 16919337.2 |        |
| 3531886 | iRobot Corporation  | 06/10/2017 | 3531886 | 17864186.6 |        |
| 3532188 | Agisen Limited  | 27/10/2017 | 3532188 | 17792162.4 |        |
| 3532663 | The LYCRA Company UK Limited  | 24/10/2017 | 3532663 | 17794197.8 |        |
| 3533349 | Taeyoung Industry Corporation   | 25/10/2017 | 3533349 | 17865007.3 |        |
| 3534383 | JFE Steel Corporation   | 06/12/2017 | 3534383 | 17883264.8 |        |
| 3535242 | B.G. Negev Technologies and<br>Applications Ltd., at Ben-Gurion<br>University   | 19/10/2017 | 3535242 | 17862087.8 |        |
| 3536003 | SOMFY ACTIVITES SA  | 26/10/2017 | 3536003 | 17804609.0 | French |
| 3536202 | Boneless Grills, S.L.   | 08/03/2019 | 3536202 | 19382175.8 |        |
| 3536234 | Oxehealth Limited   | 19/02/2019 | 3536234 | 19158085.1 |        |
| 3536262 | Ethicon LLC   | 07/03/2019 | 3536262 | 19161243.1 |        |
| 3537134 | The Boeing Company  | 08/03/2019 | 3537134 | 19161557.4 |        |
| 3537344 | Huawei Technologies Co., Ltd.   | 28/11/2016 | 3537344 | 16922469.8 |        |
| 3537448 | Digital Surgery Ltd   | 06/03/2019 | 3537448 | 19161135.9 |        |
| 3537779 | NTT DOCOMO, INC.  | 01/11/2017 | 3537779 | 17867168.1 |        |
| 3538298 | Trumpf Laser- und Systemtechnik<br>GmbH   | 03/11/2017 | 3538298 | 17803812.1 | German |
| 3538500 | Safran<br>Safran Aircraft Engines<br>Université Paul Sabatier Toulouse III<br>Centre National de la Recherche<br>Scientifique | 31/10/2017 | 3538500 | 17804614.0 | French |
| 3539142 | TDK Electronics AG  | 07/11/2017 | 3539142 | 17797308.8 | German |
| 3539450 | Ambu A/S  | 11/03/2019 | 3539450 | 19161898.2 |        |
| 3541088 | ZTE Corporation   | 09/11/2017 | 3541088 | 17869995.5 |        |
| 3541219 | Wink Robotics   | 16/11/2017 | 3541219 | 17871113.1 |        |
| 3541286 | Shanghai United Imaging Healthcare<br>Co., Ltd.   | 30/06/2017 | 3541286 | 17884856.0 |        |
| 3541833 | 2seventy bio, Inc.  | 17/11/2017 | 3541833 | 17872043.9 |        |
| 3542169 | Tecan Trading AG  | 14/11/2017 | 3542169 | 17800499.0 |        |
| 3542243 | Microsoft Technology Licensing, LLC   | 09/11/2017 | 3542243 | 17801577.2 |        |
| 3542846 | ResMed Pty Ltd  | 26/07/2013 | 3542846 | 18215569.7 |        |
| 3543120 | Endurant Systems LLC  | 05/03/2015 | 3543120 | 19174074.5 |        |
| 3543439 | dormakaba Deutschland GmbH  | 22/03/2018 | 3543439 | 18163485.8 | German |

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| 3543607 | Argumat  | 19/03/2019 | 3543607 | 19163903.8 | French |
| 3544719 | Skytree B.V.   | 23/11/2017 | 3544719 | 17822799.7 |        |
| 3545236 | Beckett Thermal Solutions  | 21/11/2017 | 3545236 | 17874218.5 |        |
| 3546142 | Kawasaki Jukogyo Kabushiki Kaisha  | 24/11/2017 | 3546142 | 17873601.3 |        |
| 3546362 | Airbus Operations GmbH<br>Airbus SAS   | 20/03/2019 | 3546362 | 19164097.8 |        |
| 3546434 | SAINT-GOBAIN ISOVER  | 19/09/2017 | 3546434 | 17851047.5 |        |
| 3546626 | Kabushiki Kaisha Toyota Jidoshokki   | 12/03/2019 | 3546626 | 19162138.2 |        |
| 3547080 | Nokia Technologies Oy  | 27/03/2018 | 3547080 | 18164245.5 |        |
| 3547308 | Sony Group Corporation   | 12/02/2019 | 3547308 | 19156707.2 |        |
| 3547634 | ZTE Corporation  | 22/11/2017 | 3547634 | 17874886.9 |        |
| 3548226 | Saint-Gobain Performance Plastics<br>Pampus GmbH   | 30/11/2017 | 3548226 | 17818063.4 |        |
| 3548633 | Oxford BioDynamics PLC   | 30/11/2017 | 3548633 | 17817030.4 |        |
| 3550384 | Enabler Ltd.   | 29/11/2017 | 3550384 | 17876983.2 |        |
| 3550523 | Imagination Technologies Limited   | 03/04/2019 | 3550523 | 19167188.2 |        |
| 3550711 | Yazaki Corporation   | 20/03/2019 | 3550711 | 19164057.2 |        |
| 3551141 | Cebe, Fevzi  | 07/12/2017 | 3551141 | 17822184.2 | German |
| 3551202 | INSERM (Institut National de la Santé<br>et de la Recherche Médicale)<br>Université Paul Sabatier Toulouse III   | 05/12/2017 | 3551202 | 17805236.1 |        |
| 3551687 | Akdeniz Chemson Additives AG   | 07/12/2017 | 3551687 | 17816395.2 | German |
| 3551870 | Safran Nacelles  | 01/12/2017 | 3551870 | 17816965.2 | French |
| 3552934 | Li, Wenjun   | 21/11/2017 | 3552934 | 17875876.9 |        |
| 3553143 | Fujikura Kasei Co., Ltd.   | 30/11/2017 | 3553143 | 17878740.4 |        |
| 3553327 | SMC Corporation  | 13/11/2017 | 3553327 | 17878720.6 |        |
| 3554593 | Becton, Dickinson and Company  | 12/12/2017 | 3554593 | 17822932.4 |        |
| 3555947 | Blue Solutions Canada Inc.   | 05/12/2017 | 3555947 | 17880829.1 |        |
| 3556306 | CooperSurgical, Inc.   | 18/04/2019 | 3556306 | 19170083.0 |        |
| 3557189 | Infineon Technologies AG   | 02/09/2015 | 3557189 | 19178737.3 |        |
| 3557675 | LG Energy Solution, Ltd.   | 21/09/2018 | 3557675 | 18870526.3 |        |
| 3557868 | Sony Group Corporation   | 17/10/2017 | 3557868 | 17885012.9 |        |
| 3558133 | New York Society for the Relief of the<br>Ruptured and Crippled, Maintaining the<br>Hospital for Special Surgery | 20/12/2017 | 3558133 | 17884458.5 |        |
| 3558339 | Cue Biopharma, Inc.  | 20/12/2017 | 3558339 | 17884258.9 |        |
| 3558472 | Carrier Corporation  | 20/12/2017 | 3558472 | 17829523.4 |        |

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| 3558489 | Praxair Technology, Inc.               | 20/12/2017 | 3558489 | 17829521.8 |        |
| 3558589 | 3M Innovative Properties Company       | 13/12/2017 | 3558589 | 17884865.1 |        |
| 3558917 | Merck Patent GmbH                      | 20/12/2017 | 3558917 | 17835670.5 |        |
| 3559298 | ArcelorMittal                          | 15/12/2017 | 3559298 | 17825618.6 |        |
| 3559394 | TRACTO-TECHNIK GmbH & Co. KG           | 21/12/2017 | 3559394 | 17823137.9 | German |
| 3560094 | Siemens Mobility GmbH                  | 21/12/2017 | 3560094 | 17836026.9 | German |
| 3560127 | Telit Cinterion Deutschland GmbH       | 14/12/2017 | 3560127 | 17816804.3 |        |
| 3560308 | Primekey Solutions AB                  | 20/12/2017 | 3560308 | 17825840.6 |        |
| 3560369 | NIKE Innovate C.V.                     | 03/11/2017 | 3560369 | 19180047.3 |        |
| 3561185 | Fernsteuergeräte Kurt Oelsch GmbH      | 08/04/2019 | 3561185 | 19000172.7 | German |
| 3562412 | Medacta International SA               | 20/12/2017 | 3562412 | 17832558.5 |        |
| 3562979 | 3M Innovative Properties Company       | 29/12/2017 | 3562979 | 17887280.0 |        |
| 3563066 | General Electric Technology GmbH       | 27/12/2016 | 3563066 | 16828992.4 |        |
| 3563625 | Teko Telecom S.r.l.                    | 20/12/2017 | 3563625 | 17830018.2 |        |
| 3564419 | Trützschler Group SE                   | 07/02/2019 | 3564419 | 19155992.1 | German |
| 3565163 | Huawei Technologies Co., Ltd.          | 15/08/2017 | 3565163 | 17893046.7 |        |
| 3567515 | DENSO WAVE INCORPORATED                | 26/04/2019 | 3567515 | 19171397.3 |        |
| 3567667 | LG Energy Solution, Ltd.               | 07/09/2018 | 3567667 | 18853062.0 |        |
| 3568235 | Beckman Coulter, Inc.                  | 09/01/2018 | 3568235 | 18712290.8 |        |
| 3569383 | Aptiv Technologies Limited             | 13/05/2019 | 3569383 | 19174023.2 |        |
| 3570268 | IMEC VZW                               | 17/05/2018 | 3570268 | 18172981.5 |        |
|         | Katholieke Universiteit Leuven         |            |         |            |        |
| 3571615 | Sequenom, Inc.                         | 22/01/2018 | 3571615 | 18704340.1 |        |
| 3572663 | Mahle International GmbH               | 20/05/2019 | 3572663 | 19175381.3 | German |
| 3572975 | FotoNation Limited                     | 14/03/2019 | 3572975 | 19162767.8 |        |
| 3573270 | Huawei Technologies Co., Ltd.          | 05/02/2018 | 3573270 | 18748349.0 |        |
| 3574064 | Neste Oyj                              | 25/01/2018 | 3574064 | 18703614.0 |        |
| 3574428 | Microsoft Technology Licensing, LLC    | 20/12/2017 | 3574428 | 17829836.0 |        |
| 3574584 | Telefonaktiebolaget LM Ericsson (publ) | 24/01/2017 | 3574584 | 17701314.1 |        |
| 3576976 | Bentley Motors Limited                 | 19/01/2018 | 3576976 | 18704287.4 |        |
| 3577099 | Idorsia Pharmaceuticals Ltd            | 05/02/2018 | 3577099 | 18702308.0 |        |
| 3577514 | Fisba AG                               | 29/01/2018 | 3577514 | 18705099.2 | German |
| 3579724 | Orkla House Care AB                    | 30/11/2017 | 3579724 | 17908331.6 |        |
| 3580158 | SYMBOTIC, LLC                          | 09/02/2018 | 3580158 | 18751570.5 |        |
| 3580411 | MACO Technologie GmbH                  | 01/03/2018 | 3580411 | 18710802.2 | German |
| 3580555 | FRAMATOME                              | 06/02/2018 | 3580555 | 18706430.8 | French |
| 3580790 | Elkem Silicones USA Corp.              | 07/02/2018 | 3580790 | 18707185.7 |        |

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| 3581795 | General Electric Renovables España,<br>S.L.                       | 13/06/2019 | 3581795 | 19180048.1 |        |
| 3581895 | Kidde Technologies, Inc.  | 06/06/2019 | 3581895 | 19178878.5 |        |
| 3582188 | FUJIFILM Corporation  | 28/05/2019 | 3582188 | 19177107.0 |        |
| 3582888 | Givaudan SA   | 12/02/2018 | 3582888 | 18704971.3 |        |
| 3582949 | 3D Systems, Inc.  | 20/02/2018 | 3582949 | 18708300.1 |        |
| 3583272 | Volvo Construction Equipment AB                                   | 14/02/2018 | 3583272 | 18705884.7 |        |
| 3583460 | Ricoh Company, Ltd.   | 15/02/2018 | 3583460 | 18709406.5 |        |
| 3583965 | Nikkiso Co., Ltd.   | 07/08/2017 | 3583965 | 19189412.0 |        |
| 3584123 | TOYOTA JIDOSHA KABUSHIKI<br>KAISHA                                | 11/06/2019 | 3584123 | 19179362.9 |        |
| 3585260 | Creavo Medical Technologies Limited                               | 29/11/2018 | 3585260 | 18815296.1 |        |
| 3586410 | IPG Photonics Corporation   | 29/03/2018 | 3586410 | 18777236.3 |        |
| 3587841 | NIO (Anhui) Holding Co., Ltd.                                     | 27/06/2019 | 3587841 | 19182948.0 |        |
| 3587879 | SMC Corporation   | 06/02/2018 | 3587879 | 18757667.3 |        |
| 3587995 | Rheinmetall Waffe Munition GmbH                                   | 05/06/2019 | 3587995 | 19178395.0 | German |
| 3588157 | Nano Shield Technology Co., Ltd.                                  | 21/06/2019 | 3588157 | 19181628.9 |        |
| 3588594 | Cyberswarm, Inc   | 05/06/2019 | 3588594 | 19178501.3 |        |
| 3590725 | Dai Nippon Printing Co., Ltd.                                     | 01/03/2018 | 3590725 | 18760259.4 |        |
| 3591060 | Yeditepe Universitesi   | 28/06/2019 | 3591060 | 19183148.6 |        |
| 3591244 | Aoyama Seisakusho Co., Ltd.                                       | 04/12/2017 | 3591244 | 17911879.9 |        |
| 3592259 | CONMED Corporation  | 23/02/2018 | 3592259 | 18763849.9 |        |
| 3592434 | Laboratoires De Biologie Vegetale<br>Yves Rocher                  | 06/03/2018 | 3592434 | 18712957.2 | French |
| 3592746 | Takeda Pharmaceutical Company<br>Limited                          | 07/03/2018 | 3592746 | 18764569.2 |        |
| 3593041 | Lumileds LLC  | 06/03/2018 | 3593041 | 18716697.0 |        |
| 3594166 | EPSILON Kran GmbH.  | 13/07/2018 | 3594166 | 18183446.6 | German |
| 3594318 | Saraya Co., Ltd.  | 07/03/2018 | 3594318 | 18764796.1 |        |
| 3594746 | Getac Holdings Corporation  | 26/09/2018 | 3594746 | 18196823.1 |        |
| 3594863 | Commissariat à l'énergie atomique et<br>aux énergies alternatives | 11/07/2019 | 3594863 | 19185832.3 | French |
| 3595015 | Longi Solar Technology Co., Ltd                                   | 19/04/2017 | 3595015 | 17903178.6 |        |
| 3595105 | ABB Schweiz AG  | 13/07/2018 | 3595105 | 18183520.8 |        |
| 3595361 | Nokia Technologies Oy   | 09/07/2018 | 3595361 | 18182332.9 |        |
| 3595449 | SAN Agrow Holding GmbH  | 07/03/2018 | 3595449 | 18718088.0 | German |
| 3596735 | Westinghouse Electric Company Llc                                 | 16/03/2018 | 3596735 | 18768164.8 |        |

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| 3599063 | Gerhard Schubert GmbH  | 15/07/2019 | 3599063 | 19186328.1 | German |
| 3599598 | Honeywell International Inc.                                   | 19/07/2019 | 3599598 | 19187455.1 |        |
| 3600042 | Shanghai United Imaging Healthcare Co., Ltd.                   | 30/09/2017 | 3600042 | 17906808.5 |        |
| 3600068 | MICROVENTION, INC.   | 16/03/2018 | 3600068 | 18770792.2 |        |
| 3600655 | BASF Corporation   | 20/03/2018 | 3600655 | 18770162.8 |        |
| 3603446 | Zahoransky AG  | 31/07/2018 | 3603446 | 18186632.8 | German |
| 3603589 | Universitat Politècnica de Catalunya                           | 28/03/2018 | 3603589 | 18721136.2 |        |
| 3603862 | Sumitomo Electric Hardmetal Corp.                              | 16/01/2018 | 3603862 | 18770761.7 |        |
| 3603904 | Fuji Corporation   | 23/03/2017 | 3603904 | 17902392.4 |        |
| 3603984 | CANON KABUSHIKI KAISHA   | 29/07/2019 | 3603984 | 19188791.8 |        |
| 3604258 | Monalisa Group Co., Ltd.                                       | 16/03/2018 | 3604258 | 18770647.8 |        |
| 3606654 | Commissariat à l'Energie Atomique et aux Energies Alternatives | 02/05/2018 | 3606654 | 18728207.4 | French |
| 3606683 | Lekkakis, Petros   | 07/04/2017 | 3606683 | 17723499.4 |        |
| 3606804 | Stellantis Auto SAS  | 06/03/2018 | 3606804 | 18714820.0 | French |
| 3607143 | Billerud Aktiebolag (publ)                                     | 05/04/2018 | 3607143 | 18717001.4 |        |
| 3607158 | dormakaba Canada Inc.  | 23/03/2018 | 3607158 | 18781351.4 |        |
| 3607914 | Stryker European Operations Holdings LLC                       | 09/08/2019 | 3607914 | 19190934.0 |        |
| 3608055 | Essilor International  | 10/08/2018 | 3608055 | 18306107.6 |        |
| 3609428 | MAKO Surgical Corp.  | 11/04/2018 | 3609428 | 18725028.7 |        |
| 3611294 | YKK Corporation  | 11/05/2017 | 3611294 | 17905121.4 |        |
| 3611957 | Viavi Solutions Inc.   | 31/10/2014 | 3611957 | 19202602.9 |        |
| 3613141 | International Business Machines Corporation                    | 01/12/2017 | 3613141 | 17807874.7 |        |
| 3613293 | Singer & Sohn GmbH   | 30/07/2019 | 3613293 | 19189122.5 | German |
| 3613698 | Deutsches Zentrum für Luft- und Raumfahrt e.V.                 | 14/08/2019 | 3613698 | 19191761.6 | German |
| 3614060 | Nederman Holding AB  | 22/08/2018 | 3614060 | 18190266.9 |        |
| 3614693 | Panasonic Intellectual Property Management Co., Ltd.           | 09/04/2018 | 3614693 | 18788096.8 |        |
| 3614867 | British American Tobacco (Investments) Limited                 | 27/04/2018 | 3614867 | 18723583.3 |        |
| 3615159 | Universal City Studios LLC                                     | 25/04/2018 | 3615159 | 18724411.6 |        |
| 3615646 | Evonik Operations GmbH   | 26/04/2018 | 3615646 | 18719898.1 |        |
| 3615726 | Electrolux Appliances Aktiebolag                               | 26/04/2017 | 3615726 | 17721086.1 |        |

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| 3616114 | Cylance Inc.   | 24/04/2018 | 3616114 | 18723311.9 |        |
| 3616141 | Emagineer Pty Ltd.   | 26/04/2018 | 3616141 | 18790776.1 |        |
| 3616148 | Apple Inc.   | 30/05/2018 | 3616148 | 18733421.4 |        |
| 3617117 | Otis Elevator Company  | 21/08/2019 | 3617117 | 19192931.4 |        |
| 3617369 | LG ELECTRONICS INC.  | 30/08/2019 | 3617369 | 19194605.2 |        |
| 3617687 | Viavi Solutions Inc.   | 24/07/2019 | 3617687 | 19188216.6 |        |
| 3618035 | Apollo Intelligent Driving Technology<br>(Beijing) Co., Ltd. | 09/08/2019 | 3618035 | 19190964.7 |        |
| 3618111 | Seoul Semiconductor Co., Ltd.                                | 30/05/2018 | 3618111 | 18809817.2 |        |
| 3618352 | New H3C Cloud Technologies Co., Ltd.                         | 27/06/2018 | 3618352 | 18824586.4 |        |
| 3618757 | Straumann Holding AG   | 02/05/2018 | 3618757 | 18722220.3 |        |
| 3619325 | Scipio Bioscience  | 04/05/2018 | 3619325 | 18733327.3 |        |
| 3619685 | Sony Interactive Entertainment Inc.                          | 26/04/2018 | 3619685 | 18722158.5 |        |
| 3619955 | Apple Inc.   | 03/05/2018 | 3619955 | 18794459.0 |        |
| 3620070 | Shenzhen Innokin Technology Co., Ltd.                        | 21/08/2019 | 3620070 | 19192882.9 |        |
| 3620188 | TriVascular, Inc.  | 28/03/2006 | 3620188 | 19175187.4 |        |
| 3620583 | Artemis Intelligent Power Limited                            | 10/09/2018 | 3620583 | 18193575.0 |        |
| 3621851 | Caterpillar Inc.   | 11/05/2018 | 3621851 | 18728496.3 |        |
| 3621963 | Remynd N.V.<br>Katholieke Universiteit Leuven                | 11/05/2018 | 3621963 | 18728316.3 |        |
| 3622770 | R3 Solutions GmbH  | 03/05/2018 | 3622770 | 18726342.1 |        |
| 3622893 | Devicor Medical Products, Inc.                               | 24/11/2014 | 3622893 | 19204780.1 |        |
| 3622905 | Ethicon LLC  | 15/11/2016 | 3622905 | 19205842.8 |        |
| 3623339 | DAI NIPPON PRINTING CO., LTD.                                | 14/11/2013 | 3623339 | 19196595.3 |        |
| 3624274 | TE Connectivity Germany GmbH                                 | 16/08/2019 | 3624274 | 19192112.1 |        |
| 3624960 | EcoEnergy Gesellschaft für Energie-<br>und Umwelttechnik mbH | 15/05/2018 | 3624960 | 18733163.2 | German |
| 3625352 | Jowat SE   | 17/05/2018 | 3625352 | 18725503.9 | German |
| 3625570 | Leica Biosystems Imaging, Inc.                               | 30/11/2018 | 3625570 | 18883178.8 |        |
| 3625593 | Shearwater Geoservices Software Inc.                         | 06/07/2017 | 3625593 | 17909980.9 |        |
| 3626164 | Biosense Webster (Israel) Ltd.                               | 16/01/2017 | 3626164 | 19192581.7 |        |
| 3626182 | Covidien LP  | 20/09/2019 | 3626182 | 19198755.1 |        |
| 3626430 | Sony Group Corporation                                       | 11/04/2018 | 3626430 | 18801508.5 |        |
| 3626733 | Medicago Inc.  | 28/09/2012 | 3626733 | 19205918.6 |        |
| 3628142 | CLAAS Selbstfahrende Erntemaschinen<br>GmbH                  | 20/08/2019 | 3628142 | 19192525.4 | German |
| 3629712 | DeLaval Holding AB   | 30/05/2018 | 3629712 | 18729768.4 |        |



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| 3630416 | Cattano Ltd   | 27/06/2018 | 3630416 | 18746004.3 |        |
| 3630624 | Automated Packaging Systems, LLC.   | 01/06/2018 | 3630624 | 18809334.8 |        |
| 3630965 | Nuclera Ltd   | 29/05/2018 | 3630965 | 18730043.9 |        |
| 3631366 | UATC, LLC   | 17/05/2018 | 3631366 | 18805085.0 |        |
| 3631647 | Advanced Magnetic Interaction, AMI  | 29/05/2018 | 3631647 | 18728593.7 | French |
| 3631974 | Shangrao Xinyuan YueDong<br>Technology Development Co. Ltd                          | 24/05/2018 | 3631974 | 18808685.4 |        |
| 3632380 | Tendyne Holdings, Inc.  | 02/12/2016 | 3632380 | 19211964.2 |        |
| 3632821 | Ocado Innovation Limited  | 24/07/2014 | 3632821 | 19211561.6 |        |
| 3632994 | Riso Kagaku Corporation   | 25/07/2019 | 3632994 | 19188331.3 |        |
| 3634290 | Cynosure, LLC   | 07/06/2018 | 3634290 | 18734727.3 |        |
| 3634885 | Autostore Technology AS   | 15/05/2018 | 3634885 | 18724873.7 |        |
| 3635402 | Edith Cowan University  | 22/05/2018 | 3635402 | 18805200.5 |        |
| 3635476 | Safilo Società Azionaria Fabbrica<br>Italiana Lavorazione Occhiali S.p.A.           | 23/05/2018 | 3635476 | 18728075.5 |        |
| 3637624 | Energous Corporation  | 22/12/2015 | 3637624 | 19214719.7 |        |
| 3639197 | Fingerprint Cards Anacatum IP AB  | 31/05/2018 | 3639197 | 18816833.0 |        |
| 3640653 | Continental Automotive Technologies<br>GmbH   | 15/10/2018 | 3640653 | 18465606.4 |        |
| 3641064 | Continental Automotive Technologies<br>GmbH   | 09/10/2019 | 3641064 | 19202320.8 | German |
| 3642880 | BOE Technology Group Co., Ltd.<br>Hefei BOE Optoelectronics Technology<br>Co., Ltd. | 27/11/2017 | 3642880 | 17877387.5 |        |
| 3643327 | Comecer S.p.A.  | 24/10/2019 | 3643327 | 19205197.7 |        |
| 3643490 | Bridgestone Corporation   | 22/05/2018 | 3643490 | 18820217.0 |        |
| 3644172 | Huawei Technologies Co., Ltd.   | 21/11/2017 | 3644172 | 17933168.1 |        |
| 3645461 | Nawatechnologies  | 20/06/2018 | 3645461 | 18737693.4 | French |
| 3646874 | Unish Inc.  | 27/04/2018 | 3646874 | 18904440.7 |        |
| 3647500 | HD Hyundai Infracore Co., Ltd.  | 28/10/2019 | 3647500 | 19205561.4 |        |
| 3647943 | Siemens Aktiengesellschaft  | 30/10/2018 | 3647943 | 18203385.2 | German |
| 3648952 | K2M, Inc.   | 09/07/2018 | 3648952 | 18827686.9 |        |
| 3649386 | Scania CV AB  | 04/06/2018 | 3649386 | 18829127.2 |        |
| 3649597 | Visa International Service Association  | 03/07/2018 | 3649597 | 18829040.7 |        |
| 3650063 | Terumo Kabushiki Kaisha   | 04/07/2018 | 3650063 | 18827619.0 |        |
| 3650838 | Reyes Fuchs, Carmen Gabriela  | 10/04/2018 | 3650838 | 18827530.9 |        |
| 3651054 | Asterisk, Inc.  | 29/06/2018 | 3651054 | 18828178.6 |        |

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| 3651349 | Hamilton Sundstrand Corporation   | 04/11/2019 | 3651349 | 19206973.0 |        |
| 3651985 | SAINT-GOBAIN GLASS FRANCE   | 02/07/2018 | 3651985 | 18733890.0 | German |
| 3652178 | F. Hoffmann-La Roche AG   | 12/07/2018 | 3652178 | 18740815.8 |        |
| 3652565 | Magseis FF LLC  | 02/10/2019 | 3652565 | 19794289.9 |        |
| 3653145 | DistalMotion SA   | 18/12/2015 | 3653145 | 19213231.4 |        |
| 3654352 | I.R.C.A. S.p.a. Industria Resistenze<br>Corazzate e Affini  | 28/11/2017 | 3654352 | 19217611.3 |        |
| 3654471 | The Boeing Company  | 15/11/2019 | 3654471 | 19209575.0 |        |
| 3654534 | Commissariat à l'Energie Atomique et<br>aux Energies Alternatives   | 23/10/2019 | 3654534 | 19204748.8 | French |
| 3654837 | Koninklijke Philips N.V.  | 23/07/2018 | 3654837 | 18742502.0 |        |
| 3658595 | Arkema France<br>Centre National de la Recherche<br>Scientifique<br>Université de Montpellier<br>Ecole Nationale Supérieure de Chimie<br>de Montpellier | 17/07/2018 | 3658595 | 18755522.2 | French |
| 3659322 | Siemens Mobility GmbH   | 03/09/2018 | 3659322 | 18769089.6 | German |
| 3659647 | Antares Pharma, Inc.  | 11/02/2014 | 3659647 | 19204003.8 |        |
| 3659875 | Baidu Online Network Technology<br>(Beijing) Co., Ltd.  | 05/09/2019 | 3659875 | 19195562.4 |        |
| 3660003 | Takeda Pharmaceutical Company<br>Limited  | 26/07/2018 | 3660003 | 18838990.2 |        |
| 3660954 | ARMOR BATTERY FILMS   | 29/11/2019 | 3660954 | 19212644.9 | French |
| 3662425 | The Bullet ID Corporation   | 03/08/2018 | 3662425 | 18841435.3 |        |
| 3662753 | Eti Gida Sanayi Ve Ticaret Anonim<br>Sirketi  | 04/12/2019 | 3662753 | 19213487.2 |        |
| 3663195 | Safran Landing Systems  | 04/12/2019 | 3663195 | 19213631.5 | French |
| 3663207 | Rohr, Inc.  | 04/12/2019 | 3663207 | 19213443.5 |        |
| 3663285 | Abbisko Therapeutics Co., Ltd.  | 01/08/2018 | 3663285 | 18842293.5 |        |
| 3663589 | Mitsubishi Electric Corporation   | 04/08/2017 | 3663589 | 17920434.2 |        |
| 3663680 | Stellantis Europe S.p.A.  | 03/12/2018 | 3663680 | 18209931.7 |        |
| 3663687 | ED-IPR ApS  | 05/12/2018 | 3663687 | 18210493.5 |        |
| 3663782 | Hamilton Sundstrand Corporation   | 05/12/2019 | 3663782 | 19213977.2 |        |
| 3663955 | Palantir Technologies Inc.  | 03/12/2019 | 3663955 | 19213295.9 |        |
| 3664465 | Siemens Aktiengesellschaft  | 04/12/2018 | 3664465 | 18210084.2 | German |
| 3664756 | Smith & Nephew plc  | 03/08/2018 | 3664756 | 18750190.3 |        |

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| 3665176 | Actuate Therapeutics Inc.  | 10/08/2018 | 3665176 | 18760168.7 |        |
| 3665386 | Grawindy Yenilenebilir Enerji<br>Teknolojileri Yatirim Isletme Anonim<br>Sirketi   | 27/06/2018 | 3665386 | 18925052.5 |        |
| 3666040 | QUALCOMM Incorporated  | 08/08/2018 | 3666040 | 18762429.1 |        |
| 3666157 | Miele & Cie. KG  | 20/11/2019 | 3666157 | 19210239.0 | German |
| 3666166 | Covidien LP  | 09/12/2019 | 3666166 | 19214381.6 |        |
| 3666479 | BIC Violex Single Member S.A.  | 14/12/2018 | 3666479 | 18212725.8 |        |
| 3667053 | Barcarole Limited  | 11/12/2019 | 3667053 | 19215295.7 |        |
| 3667851 | Siemens Aktiengesellschaft   | 13/12/2018 | 3667851 | 18212287.9 | German |
| 3668109 | Huawei Technologies Co., Ltd.  | 29/09/2017 | 3668109 | 17926815.6 |        |
| 3668803 | Mayr-Melnhof Karton AG   | 02/08/2018 | 3668803 | 18750163.0 | German |
| 3668876 | Cothera Bioscience, Inc.   | 17/08/2018 | 3668876 | 18846214.7 |        |
| 3669952 | Marioff Corporation OY   | 17/12/2018 | 3669952 | 18397534.1 |        |
| 3669996 | Lechler GmbH   | 12/12/2019 | 3669996 | 19215717.0 | German |
| 3670152 | Suzuki Motor Corporation<br>National University Corporation Tokai<br>National Higher Education and<br>Research System<br>Toray Industries, Inc.<br>Ishikawa Prefecture | 13/08/2018 | 3670152 | 18845572.9 |        |
| 3670232 | AUDI AG<br>LG Electronics Inc.   | 19/12/2018 | 3670232 | 18213974.1 |        |
| 3670529 | Dong-A St Co., Ltd.  | 16/08/2018 | 3670529 | 18846196.6 |        |
| 3670876 | Pratt & Whitney Canada Corp.   | 20/12/2019 | 3670876 | 19219133.6 |        |
| 3671483 | AUDI AG<br>LG Electronics Inc.   | 19/12/2018 | 3671483 | 18214018.6 |        |
| 3671548 | ETABLISSEMENTS GEORGES<br>RENAULT  | 19/12/2019 | 3671548 | 19217893.7 | French |
| 3672022 | Hamilton Sundstrand Corporation  | 20/12/2019 | 3672022 | 19218982.7 |        |
| 3672027 | Gree Electric Appliances, Inc. of<br>Zhuhai  | 29/10/2018 | 3672027 | 18891445.1 |        |
| 3672295 | Carrier Corporation  | 17/12/2019 | 3672295 | 19217208.8 |        |
| 3672320 | Huawei Technologies Co., Ltd.  | 06/09/2018 | 3672320 | 18859139.0 |        |

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| 3672477 | Chen, Shoupu<br>Inglese, Jean-Marc<br>Wong, Victor C.<br>Faure, Jacques<br>Treil, Jacques     | 27/08/2018 | 3672477 | 18847612.1 |        |
| 3672932 | Symrise AG  | 26/08/2017 | 3672932 | 17768007.1 | German |
| 3673017 | SAINT-GOBAIN GLASS FRANCE   | 24/05/2018 | 3673017 | 18828269.3 |        |
| 3674551 | EBARA CORPORATION   | 18/12/2019 | 3674551 | 19217767.3 |        |
| 3674852 | Samsung Electronics Co., Ltd.   | 23/12/2019 | 3674852 | 19219452.0 |        |
| 3674886 | Rockwell Automation Technologies,<br>Inc.   | 20/12/2019 | 3674886 | 19218955.3 |        |
| 3675043 | General Electric Company  | 27/12/2019 | 3675043 | 19219939.6 |        |
| 3675191 | Hakusan, Inc.<br>Japan Advanced Institute of Science<br>and Technology<br>Ishikawa Prefecture | 10/08/2018 | 3675191 | 18847943.0 |        |
| 3675280 | Nokia Technologies Oy   | 10/12/2019 | 3675280 | 19214734.6 |        |
| 3675801 | Nobio Ltd.  | 30/08/2018 | 3675801 | 18849696.2 |        |
| 3676961 | AccelerComm Ltd   | 12/06/2018 | 3676961 | 18730356.5 |        |
| 3677196 | Covidien LP   | 23/12/2019 | 3677196 | 19219248.2 |        |
| 3677355 | Baoshan Iron & Steel Co., Ltd.  | 18/04/2018 | 3677355 | 18849942.0 |        |
| 3677408 | Sony Group Corporation  | 11/07/2018 | 3677408 | 18851516.7 |        |
| 3677744 | Grass GmbH  | 20/12/2019 | 3677744 | 19218419.0 | German |
| 3678025 | Mellanox Technologies, Ltd.   | 18/12/2019 | 3678025 | 19217639.4 |        |
| 3678489 | Technische Universität München  | 02/11/2019 | 3678489 | 19795569.3 |        |
| 3678494 | International Agriculture Group, LLC  | 13/03/2018 | 3678494 | 18852913.5 |        |
| 3678791 | Fill Gesellschaft m.b.H.  | 04/09/2018 | 3678791 | 18785244.7 | German |
| 3679004 | IFP Energies nouvelles<br>Arkema France   | 04/09/2018 | 3679004 | 18759974.1 | French |
| 3679076 | Solenis Technologies Cayman, L.P.   | 07/09/2018 | 3679076 | 18762534.8 |        |
| 3679089 | University of Limerick  | 04/09/2018 | 3679089 | 18772743.3 |        |
| 3680319 | Asahi Kasei Kabushiki Kaisha  | 04/09/2018 | 3680319 | 18854325.0 |        |
| 3680798 | Huawei Technologies Co., Ltd.   | 27/08/2018 | 3680798 | 18862757.4 |        |
| 3681717 | Dow Global Technologies LLC   | 05/09/2017 | 3681717 | 17772495.2 |        |
| 3682144 | GKN Automotive Limited  | 31/08/2018 | 3682144 | 18856938.8 |        |

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| 3682240 | Laboratory Corporation of America Holdings<br>The UAB Research Foundation         | 13/09/2018 | 3682240 | 18855308.5 |        |
| 3682453 | SICAT GmbH & Co. KG   | 07/09/2018 | 3682453 | 18765883.6 | German |
| 3682736 | Unicharm Corporation  | 21/11/2018 | 3682736 | 18892937.6 |        |
| 3682828 | Synthes GmbH  | 03/11/2009 | 3682828 | 20162237.0 |        |
| 3683243 | Hanwha TotalEnergies Petrochemical Co., Ltd.                                      | 29/11/2017 | 3683243 | 20162803.9 |        |
| 3683352 | QINGDAO HAIER LAUNDRY ELECTRIC APPLIANCES CO., LTD.<br>HAIER SMART HOME CO., LTD. | 04/09/2018 | 3683352 | 18855279.8 |        |
| 3683581 | Hitachi High-Technologies Corporation   | 21/06/2018 | 3683581 | 18855209.5 |        |
| 3684108 | Datang Mobile Communications Equipment Co., Ltd.                                  | 07/08/2018 | 3684108 | 18853034.9 |        |
| 3684573 | Sestec Sp. z o.o.   | 20/09/2018 | 3684573 | 18774006.3 | German |
| 3684768 | Syngenta Participations AG  | 14/09/2018 | 3684768 | 18779571.1 |        |
| 3684906 | Broadley-James Corporation  | 21/09/2018 | 3684906 | 18796151.1 |        |
| 3685954 | Synova S.A.   | 22/01/2019 | 3685954 | 19152959.3 |        |
| 3686581 | LG Energy Solution, Ltd.  | 28/03/2019 | 3686581 | 19774539.1 |        |
| 3686779 | StradVision, Inc.   | 11/12/2019 | 3686779 | 19215123.1 |        |
| 3686808 | StradVision, Inc.   | 11/12/2019 | 3686808 | 19215137.1 |        |
| 3687122 | Nippon Telegraph And Telephone Corporation  | 11/09/2018 | 3687122 | 18858107.8 |        |
| 3687438 | Align Technology, Inc.  | 28/09/2018 | 3687438 | 18788980.3 |        |
| 3688047 | DDP Specialty Electronic Materials US 8, LLC                                      | 21/09/2018 | 3688047 | 18789528.9 |        |
| 3689112 | Tridonic GmbH & Co. KG  | 22/10/2018 | 3689112 | 18795398.9 | German |
| 3689346 | WisTa Laboratories Ltd.   | 10/12/2009 | 3689346 | 20163561.2 |        |
| 3689528 | RTX Corporation   | 13/12/2019 | 3689528 | 19216207.1 |        |
| 3689570 | The Japan Steel Works, Ltd.   | 26/09/2018 | 3689570 | 18861517.3 |        |
| 3690715 | StradVision, Inc.   | 16/01/2020 | 3690715 | 20152174.7 |        |
| 3690873 | AlphaTheta Corporation  | 25/09/2017 | 3690873 | 17926141.7 |        |
| 3691891 | SAINT-GOBAIN GLASS FRANCE   | 10/09/2018 | 3691891 | 18762860.7 | German |
| 3692044 | Verrica Pharmaceuticals, Inc.   | 04/10/2018 | 3692044 | 18864069.2 |        |
| 3693184 | Full Tech Composite Manufacturing Company   | 30/09/2017 | 3693184 | 17921435.8 |        |
| 3693384 | Collectis   | 11/03/2015 | 3693384 | 19219954.5 |        |

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| 3694707 | Microvention, Inc.                                       | 11/10/2018 | 3694707 | 18865489.1 |        |
| 3694900 | Allnex Netherlands B.V.                                  | 02/08/2018 | 3694900 | 18745977.1 |        |
| 3695624 | Qualcomm Incorporated                                    | 12/10/2018 | 3695624 | 18799621.0 |        |
| 3695669 | QUALCOMM Incorporated                                    | 09/10/2018 | 3695669 | 18793542.4 |        |
| 3696086 | B/E Aerospace, Inc.                                      | 13/12/2019 | 3696086 | 19215998.6 |        |
| 3696256 | Nippon Steel Corporation<br>Vallourec Oil and Gas France | 12/10/2018 | 3696256 | 18866344.7 |        |
| 3696478 | Panasonic Intellectual Property<br>Management Co., Ltd.  | 07/02/2020 | 3696478 | 20156044.8 |        |
| 3697221 | Bayer Aktiengesellschaft                                 | 12/10/2018 | 3697221 | 18782764.7 | German |
| 3697723 | The Coca-Cola Company                                    | 17/10/2018 | 3697723 | 18868046.6 |        |
| 3697823 | Solvay Specialty Polymers Italy S.p.A.                   | 16/10/2018 | 3697823 | 18783535.0 |        |
| 3698100 | Husky Injection Molding Systems Ltd.                     | 12/09/2018 | 3698100 | 18867365.1 |        |
| 3698243 | Alteryx, Inc.  | 15/10/2018 | 3698243 | 18869289.1 |        |
| 3698360 | Bose Corporation   | 19/10/2018 | 3698360 | 18797468.8 |        |
| 3699410 | Johnson Matthey Public Limited<br>Company                | 21/02/2020 | 3699410 | 20158791.2 |        |
| 3699528 | LG Electronics Inc.                                      | 24/02/2020 | 3699528 | 20158931.4 |        |
| 3699625 | Eagle Technology, LLC                                    | 17/02/2020 | 3699625 | 20157597.4 |        |
| 3699893 | Unilumin Group Co. Ltd.                                  | 05/02/2020 | 3699893 | 20155550.5 |        |
| 3699961 | Samsung Display Co., Ltd.                                | 16/03/2018 | 3699961 | 20151854.5 |        |
| 3700129 | Huawei Technologies Co., Ltd.                            | 14/11/2018 | 3700129 | 18878682.6 |        |
| 3700516 | Sonic Master Limited                                     | 26/10/2018 | 3700516 | 18871060.2 |        |
| 3700587 | Airlich IP ApS   | 23/10/2018 | 3700587 | 18796838.3 |        |
| 3700829 | Unilever Global IP Limited                               | 23/10/2018 | 3700829 | 18786825.2 |        |
| 3700881 | Symrise AG   | 25/10/2017 | 3700881 | 17791057.7 | German |
| 3700909 | Merck Patent GmbH  | 22/10/2018 | 3700909 | 18789147.8 | German |
| 3701005 | Henkel AG & Co. KGaA                                     | 17/10/2018 | 3701005 | 18793378.3 | German |
| 3701924 | Hill-Rom Services, Inc.                                  | 24/02/2020 | 3701924 | 20159126.0 |        |
| 3702111 | LG Electronics Inc.                                      | 25/10/2018 | 3702111 | 18870615.4 |        |
| 3702288 | Hamilton Sundstrand Corporation                          | 19/11/2019 | 3702288 | 19210209.3 |        |
| 3702359 | LG CHEM, LTD.  | 23/08/2019 | 3702359 | 19852883.8 |        |
| 3702825 | Goertek Optical Technology Co., Ltd.                     | 30/11/2017 | 3702825 | 17879653.8 |        |
| 3703069 | Zoll Medical Corporation                                 | 17/05/2013 | 3703069 | 20169067.4 |        |
| 3703220 | The Boeing Company                                       | 14/02/2020 | 3703220 | 20157446.4 |        |
| 3703270 | Huawei Technologies Co., Ltd.                            | 24/11/2017 | 3703270 | 17932910.7 |        |
| 3703543 | Kimberly-Clark Worldwide, Inc.                           | 31/10/2018 | 3703543 | 18871945.4 |        |

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| 3704021 | Sunlight Aerospace Inc.   | 29/10/2018 | 3704021 | 18801202.5 |        |
| 3704098 | Calico Life Sciences LLC<br>AbbVie Inc.                                 | 02/11/2018 | 3704098 | 18812423.4 |        |
| 3705739 | Radolid Thiel GmbH  | 27/02/2020 | 3705739 | 20159681.4 | German |
| 3705911 | Wistron Corporation   | 04/06/2019 | 3705911 | 19178103.8 |        |
| 3706542 | Pentair Flow Technologies, LLC  | 13/11/2018 | 3706542 | 18875306.5 |        |
| 3706620 | Fallouh, Hazem  | 08/11/2018 | 3706620 | 18811715.4 |        |
| 3707557 | ASML Netherlands B.V.   | 06/11/2018 | 3707557 | 18796950.6 |        |
| 3707688 | Rheinmetall Landsysteme GmbH  | 04/10/2018 | 3707688 | 18782960.1 | German |
| 3707710 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V. | 08/11/2018 | 3707710 | 18796482.0 |        |
| 3708574 | Avixgen Inc.  | 17/12/2018 | 3708574 | 18897048.7 |        |
| 3709196 | PayPal, Inc.  | 29/03/2012 | 3709196 | 20173015.7 |        |
| 3709326 | Mitsubishi Electric Corporation   | 09/11/2017 | 3709326 | 17931794.6 |        |
| 3710104 | The Charles Stark Draper Laboratory,<br>Inc.                            | 13/11/2018 | 3710104 | 18816324.0 |        |
| 3710287 | Continental Reifen Deutschland GmbH                                     | 02/08/2018 | 3710287 | 18759042.7 | German |
| 3710319 | Alfred Kärcher SE & Co. KG  | 14/11/2017 | 3710319 | 17797942.4 | German |
| 3710666 | BAKER HUGHES HOLDINGS LLC   | 02/11/2018 | 3710666 | 18878236.1 |        |
| 3710782 | Living Map Limited  | 13/11/2018 | 3710782 | 18808064.2 |        |
| 3710792 | Endress+Hauser Flowtec AG   | 30/10/2018 | 3710792 | 18795577.8 | German |
| 3711050 | Saronikos Trading and Services,<br>Unipessoal Lda                       | 20/12/2017 | 3711050 | 17832094.1 |        |
| 3712386 | Pratt & Whitney Canada Corp.  | 23/03/2020 | 3712386 | 20165006.6 |        |
| 3712921 | Korea Atomic Energy Research<br>Institute                               | 24/10/2018 | 3712921 | 18878390.6 |        |
| 3713435 | Adornato, Sandro  | 23/11/2018 | 3713435 | 18833393.4 |        |
| 3713451 | Zaifman, Yosef  | 18/04/2019 | 3713451 | 19803942.2 |        |
| 3713745 | Concepts For Success (C4S)  | 23/11/2018 | 3713745 | 18808330.7 |        |
| 3714077 | Speira GmbH   | 20/11/2018 | 3714077 | 18812082.8 | German |
| 3714286 | Jenoptik Robot GmbH   | 21/11/2018 | 3714286 | 18811473.0 | German |
| 3714386 | British Telecommunications public<br>limited company                    | 20/11/2018 | 3714386 | 18800986.4 |        |
| 3714525 | Therabody, Inc.   | 11/02/2020 | 3714525 | 20720323.3 |        |
| 3714662 | BrainLit AB   | 21/11/2018 | 3714662 | 18803444.1 |        |
| 3714720 | Nicoventures Trading Limited  | 09/08/2017 | 3714720 | 20175393.6 |        |
| 3715303 | Otis Elevator Company   | 09/12/2019 | 3715303 | 19214469.9 |        |

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|---------|--|------------|---------|------------|--------|
| 3715372 | Regeneron Pharmaceuticals, Inc.                | 27/10/2009 | 3715372 | 20162800.5 |        |
| 3715484 | Sumitomo Metal Mining Co., Ltd.                | 22/10/2018 | 3715484 | 18880919.8 |        |
| 3715502 | Picosun Oy                                     | 25/03/2020 | 3715502 | 20165500.8 |        |
| 3715546 | Grohe AG                                       | 05/03/2020 | 3715546 | 20161188.6 | German |
| 3715640 | Honeywell International Inc.                   | 17/03/2020 | 3715640 | 20163779.0 |        |
| 3715797 | Krohne AG                                      | 16/03/2020 | 3715797 | 20163308.8 | German |
| 3717144 | Euromac Srl                                    | 26/11/2018 | 3717144 | 18804345.9 |        |
| 3718448 | The Yokohama Rubber Co., Ltd.                  | 27/11/2018 | 3718448 | 18882818.0 |        |
| 3719628 | Honeywell International Inc.                   | 26/03/2020 | 3719628 | 20166045.3 |        |
| 3720031 | ZTE Corporation                                | 27/11/2018 | 3720031 | 18884117.5 |        |
| 3720340 | General Electric Company                       | 04/12/2018 | 3720340 | 18885081.2 |        |
| 3720368 | Paragon 28, Inc.                               | 08/12/2017 | 3720368 | 17934305.8 |        |
| 3720403 | Toray Opelontex Co., Ltd                       | 06/12/2018 | 3720403 | 18834010.3 |        |
| 3720618 | 3M Innovative Properties Company               | 06/12/2018 | 3720618 | 18830529.6 |        |
| 3720726 | Truma Gerätetechnik GmbH & Co. KG              | 03/12/2018 | 3720726 | 18815148.4 | German |
| 3720920 | Baker Hughes Holdings LLC                      | 07/12/2018 | 3720920 | 18830100.6 |        |
| 3721406 | Ventana Medical Systems, Inc.                  | 04/12/2018 | 3721406 | 18814574.2 |        |
| 3721678 | CFT S.p.A.                                     | 04/12/2018 | 3721678 | 18827249.6 |        |
| 3721721 | IUV S.r.l.                                     | 09/04/2020 | 3721721 | 20169018.7 |        |
| 3721763 | Fujian Xihe Sanitary Ware Technology Co., Ltd. | 31/05/2019 | 3721763 | 19794406.9 |        |
| 3722163 | Bridgestone Corporation                        | 12/09/2018 | 3722163 | 18887122.2 |        |
| 3722194 | Miranda & Irmão Lda.                           | 08/04/2019 | 3722194 | 19167948.9 |        |
| 3722206 | Goodrich Corporation                           | 11/12/2019 | 3722206 | 19215170.2 |        |
| 3722364 | Thai Polyethylene Co., Ltd.                    | 12/04/2019 | 3722364 | 19169031.2 |        |
| 3722834 | Honeywell International s.r.o                  | 26/03/2020 | 3722834 | 20166075.0 |        |
| 3723147 | Everspin Technologies, Inc.                    | 01/10/2012 | 3723147 | 20171242.9 |        |
| 3723264 | HUAWEI TECHNOLOGIES CO., LTD.                  | 07/12/2018 | 3723264 | 18897533.8 |        |
| 3723578 | IP2IPO Innovations Limited                     | 11/12/2018 | 3723578 | 18826781.9 |        |
| 3723580 | Magic Leap, Inc.                               | 14/12/2018 | 3723580 | 18888973.7 |        |
| 3723643 | Warsaw Orthopedic, Inc.                        | 13/12/2018 | 3723643 | 18887903.5 |        |
| 3724102 | Klinge Corporation                             | 14/12/2018 | 3724102 | 18834113.5 |        |
| 3724125 | Tranchoero, Jacques                            | 10/12/2018 | 3724125 | 18830948.8 |        |
| 3724356 | Universiteit Gent                              | 26/11/2018 | 3724356 | 18808349.7 |        |
| 3724447 | BAKER HUGHES HOLDINGS LLC                      | 17/12/2018 | 3724447 | 18887918.3 |        |
| 3724518 | IKEA Supply AG                                 | 09/10/2018 | 3724518 | 18888624.6 |        |



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| 3724601 | brainchain AG  | 11/12/2018 | 3724601 | 18825923.8 | German |
| 3724746 | Google LLC   | 22/06/2018 | 3724746 | 18742633.3 |        |
| 3725339 | Biotyx Medical (Shenzhen) Co., Ltd.  | 17/10/2018 | 3725339 | 18888507.3 |        |
| 3725376 | Kidde Technologies, Inc.   | 02/12/2019 | 3725376 | 19212780.1 |        |
| 3725669 | Goodrich Corporation   | 03/12/2019 | 3725669 | 19213356.9 |        |
| 3725883 | Foundation for Biomedical Research<br>and Innovation at Kobe   | 14/12/2018 | 3725883 | 18889081.8 |        |
| 3726662 | Xiamen Eco Lighting Co., Ltd.  | 13/03/2020 | 3726662 | 20163154.6 |        |
| 3726753 | Fang, Ko-Cheng   | 27/08/2019 | 3726753 | 19193733.3 |        |
| 3727145 | ResMed Sensor Technologies Limited   | 21/12/2018 | 3727145 | 18833058.3 |        |
| 3727253 | Johnson & Johnson Consumer Inc.  | 21/12/2018 | 3727253 | 18834248.9 |        |
| 3727577 | Cardiac Pacemakers, Inc.   | 18/12/2018 | 3727577 | 18833765.3 |        |
| 3728660 | IMERTECH SAS   | 30/11/2018 | 3728660 | 18807674.9 |        |
| 3729053 | Imec VZW<br>Vrije Universiteit Brussel   | 24/12/2018 | 3729053 | 18833434.6 |        |
| 3729097 | AstraZeneca UK Limited<br>XenTech SAS<br>Fundació Privada Institut d'Investigació<br>Oncològica de Vall-Hebron | 21/12/2018 | 3729097 | 18829880.6 |        |
| 3730251 | Makita Corporation   | 25/10/2017 | 3730251 | 20174248.3 |        |
| 3730550 | Lotte Chemical Corporation   | 11/12/2018 | 3730550 | 18892868.3 |        |
| 3731221 | Shenzhen Skyworth-RGB Electronic<br>Co., Ltd.  | 03/07/2018 | 3731221 | 18892979.8 |        |
| 3731337 | Radio Design Limited   | 02/04/2020 | 3731337 | 20275072.5 |        |
| 3731427 | LG Innotek Co., Ltd.   | 02/11/2012 | 3731427 | 20180913.4 |        |
| 3731444 | Apple Inc.   | 04/11/2015 | 3731444 | 20172778.1 |        |
| 3731629 | Zobebe Holding SpA   | 26/12/2018 | 3731629 | 18827132.4 |        |
| 3732033 | Bridgestone Bandag, LLC  | 06/12/2018 | 3732033 | 18895504.1 |        |
| 3732141 | Saint-Gobain Glass France  | 25/12/2018 | 3732141 | 18895939.9 |        |
| 3732520 | Telescent Inc.   | 30/12/2017 | 3732520 | 17936770.1 |        |
| 3732847 | Nagravision Sàrl   | 21/12/2018 | 3732847 | 18826059.0 |        |
| 3733095 | Cardiac Pacemakers, Inc.   | 21/07/2016 | 3733095 | 20177166.4 |        |
| 3733220 | Biotyx Medical (Shenzhen) Co., Ltd.  | 18/12/2018 | 3733220 | 18894519.0 |        |
| 3733462 | Volvo Car Corporation  | 30/04/2019 | 3733462 | 19171863.4 |        |
| 3733500 | Hanwha Ocean Co., Ltd.   | 27/12/2018 | 3733500 | 18896168.4 |        |
| 3733593 | SUMITOMO CHEMICAL<br>COMPANY, LIMITED  | 21/12/2018 | 3733593 | 18893554.8 |        |

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| 3733767 | Lotte Chemical Corporation   | 07/12/2018 | 3733767 | 18897181.6 |        |
| 3734299 | Koh Young Technology Inc.  | 28/12/2018 | 3734299 | 18896171.8 |        |
| 3734369 | KYOCERA Document Solutions Inc.  | 25/10/2018 | 3734369 | 18895786.4 |        |
| 3735062 | NTT DoCoMo, Inc.   | 27/12/2017 | 3735062 | 17936046.6 |        |
| 3735364 | Stellantis Auto SAS  | 13/12/2018 | 3735364 | 18839691.5 | French |
| 3737010 | HUAWEI TECHNOLOGIES CO.,<br>LTD.   | 13/02/2018 | 3737010 | 18906131.0 |        |
| 3737274 | WORWO SPÓLKA Z<br>OGRANICZONA<br>ODPOWIEDZIALNOSCIA  | 27/12/2018 | 3737274 | 18898150.0 |        |
| 3737297 | Boston Scientific Medical Device<br>Limited  | 18/03/2019 | 3737297 | 19717609.2 |        |
| 3738420 | CLAAS Selbstfahrende Erntemaschinen<br>GmbH  | 06/02/2020 | 3738420 | 20155863.2 | German |
| 3738520 | Smith & Nephew, Inc.<br>Smith & Nephew Orthopaedics AG<br>Smith & Nephew Asia Pacific Pte<br>Limited | 11/05/2020 | 3738520 | 20173959.6 |        |
| 3740391 | Stellantis Auto SAS  | 11/12/2018 | 3740391 | 18840028.7 | French |
| 3740405 | Robert Bosch GmbH  | 22/11/2018 | 3740405 | 18811754.3 |        |
| 3741729 | Kawasaki Jukogyo Kabushiki Kaisha  | 27/08/2018 | 3741729 | 18901296.6 |        |
| 3742138 | Kidde Technologies, Inc.   | 02/12/2019 | 3742138 | 19212781.9 |        |
| 3742424 | BOE TECHNOLOGY GROUP CO.,<br>LTD.<br>Hefei BOE Optoelectronics Technology<br>Co., Ltd.               | 21/09/2018 | 3742424 | 18857433.9 |        |
| 3742839 | Beijing Xiaomi Mobile Software Co.,<br>Ltd.  | 02/02/2018 | 3742839 | 18904429.0 |        |
| 3742983 | Boston Scientific Scimed, Inc.   | 30/04/2019 | 3742983 | 19723609.4 |        |
| 3743781 | General Electric Company   | 27/12/2018 | 3743781 | 18902246.0 |        |
| 3743802 | HUAWEI TECHNOLOGIES CO.,<br>LTD.   | 07/05/2018 | 3743802 | 18724508.9 |        |
| 3744303 | SEB S.A.   | 25/05/2020 | 3744303 | 20176372.9 | French |
| 3744447 | The Boeing Company   | 28/02/2020 | 3744447 | 20160063.2 |        |
| 3744912 | Kohler India Corporation Private<br>Limited  | 08/06/2020 | 3744912 | 20178730.6 |        |
| 3745524 | Nicoventures Trading Limited   | 24/07/2015 | 3745524 | 20185949.3 |        |

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| 3745864 | APS BIOCONTROL LIMITED   | 31/01/2019 | 3745864 | 19704417.5 |        |
| 3746647 | Renault s.a.s  | 29/01/2019 | 3746647 | 19701366.7 | French |
| 3746932 | Symbol Technologies, LLC   | 13/11/2018 | 3746932 | 18893101.8 |        |
| 3747396 | Cullison, James, W.  | 01/04/2014 | 3747396 | 20187806.3 |        |
| 3747552 | Nippon Paint Automotive Coatings Co., Ltd.   | 12/12/2019 | 3747552 | 19898110.2 |        |
| 3747577 | Kyocera Corporation  | 28/01/2019 | 3747577 | 19744169.4 |        |
| 3747759 | B/E Aerospace, Inc.  | 11/12/2019 | 3747759 | 19215395.5 |        |
| 3748391 | Inxpect S.p.A.   | 19/05/2020 | 3748391 | 20175511.3 |        |
| 3748939 | Samsung Electronics Co., Ltd.  | 08/03/2019 | 3748939 | 19763934.7 |        |
| 3749056 | Miele & Cie. KG  | 21/04/2020 | 3749056 | 20170623.1 | German |
| 3749102 | Cargill, Incorporated  | 07/02/2019 | 3749102 | 19705696.3 |        |
| 3749218 | Limaca Medical Ltd.  | 07/02/2019 | 3749218 | 19750735.3 |        |
| 3749531 | Apollo Tyres Global R&D B.V.   | 05/02/2019 | 3749531 | 19704753.3 |        |
| 3749573 | Ricoh Company, Ltd.  | 24/01/2019 | 3749573 | 19704468.8 |        |
| 3749912 | FN Herstal SA  | 07/02/2019 | 3749912 | 19702470.6 | French |
| 3750177 | Cherry Europe GmbH   | 27/07/2018 | 3750177 | 18746188.4 | German |
| 3750178 | Rosemount Inc.   | 04/02/2019 | 3750178 | 19707172.3 |        |
| 3750634 | INGEAGRO S.A.  | 01/02/2019 | 3750634 | 19751750.1 |        |
| 3750802 | Goodrich Corporation   | 13/12/2019 | 3750802 | 19216058.8 |        |
| 3750808 | Hamilton Sundstrand Corporation  | 13/12/2019 | 3750808 | 19216158.6 |        |
| 3750848 | LG Energy Solution, Ltd.   | 09/04/2019 | 3750848 | 19785468.0 |        |
| 3751217 | Fujitsu General Limited  | 12/10/2018 | 3751217 | 18904849.9 |        |
| 3751541 | Rockwell Collins, Inc.   | 13/12/2019 | 3751541 | 19216074.5 |        |
| 3752079 | Boston Scientific Scimed Inc.  | 14/02/2019 | 3752079 | 19707661.5 |        |
| 3753011 | Bose Corporation   | 27/12/2018 | 3753011 | 18837082.9 |        |
| 3753205 | Siemens Aktiengesellschaft   | 03/04/2019 | 3753205 | 19717442.8 | German |
| 3753320 | Sony Group Corporation   | 31/01/2019 | 3753320 | 19702887.1 |        |
| 3753715 | watttron GmbH  | 21/09/2017 | 3753715 | 20020306.5 | German |
| 3754270 | MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.  | 03/12/2018 | 3754270 | 18906496.7 |        |
| 3754478 | Samsung Electronics Co., Ltd.  | 10/07/2014 | 3754478 | 20171090.2 |        |
| 3754663 | Etat Francais Represente par le<br>Ministere de l'Interieur<br>Université d'Aix-Marseille<br>Centre National de la Recherche<br>Scientifique | 17/06/2019 | 3754663 | 19305772.6 |        |

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| 3754876 | Wilus Institute of Standards and Technology Inc.           | 18/02/2019 | 3754876 | 19755002.3 |        |
| 3754883 | Vivo Mobile Communication Co., Ltd.                        | 01/02/2019 | 3754883 | 19750551.4 |        |
| 3754914 | Juniper Networks, Inc.                                     | 23/12/2019 | 3754914 | 19219291.2 |        |
| 3754916 | Huawei Technologies Co., Ltd.                              | 22/02/2019 | 3754916 | 19764954.4 |        |
| 3754955 | PayPal, Inc.   | 06/03/2015 | 3754955 | 20169934.5 |        |
| 3754975 | CANON KABUSHIKI KAISHA                                     | 23/01/2019 | 3754975 | 19754518.9 |        |
| 3755084 | Beijing Xiaomi Mobile Software Co., Ltd.                   | 13/02/2018 | 3755084 | 18906171.6 |        |
| 3755988 | Nuvo Group Ltd.  | 19/02/2019 | 3755988 | 19754473.7 |        |
| 3756567 | Ethicon LLC  | 24/06/2020 | 3756567 | 20182059.4 |        |
| 3756719 | Fisher & Paykel Healthcare Limited                         | 27/05/2009 | 3756719 | 20178521.9 |        |
| 3756993 | Rohr, Inc.   | 16/12/2019 | 3756993 | 19216578.5 |        |
| 3758217 | TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION | 19/02/2018 | 3758217 | 18906487.6 |        |
| 3758423 | MediaTek Inc.  | 22/06/2020 | 3758423 | 20181480.3 |        |
| 3758442 | Mitsubishi Electric Corporation                            | 23/02/2018 | 3758442 | 18907441.2 |        |
| 3758624 | excelENT, Inc.   | 22/04/2019 | 3758624 | 19733170.5 |        |
| 3758631 | Acumed LLC   | 27/02/2019 | 3758631 | 19760029.9 |        |
| 3758643 | Mayo Foundation for Medical Education and Research         | 27/02/2019 | 3758643 | 19760907.6 |        |
| 3758799 | Giuliani S.p.A.  | 01/03/2019 | 3758799 | 19714245.8 |        |
| 3758836 | Dead Sea Works Ltd.  | 30/11/2018 | 3758836 | 18907827.2 |        |
| 3759394 | SAFRAN AIRCRAFT ENGINES                                    | 28/02/2019 | 3759394 | 19717522.7 | French |
| 3760114 | Sorin CRM SAS  | 01/07/2020 | 3760114 | 20183499.1 | French |
| 3760419 | Johns Manville   | 29/06/2020 | 3760419 | 20182837.3 |        |
| 3760490 | Renault s.a.s  | 25/06/2020 | 3760490 | 20182143.6 | French |
| 3760546 | Honeywell International Inc.                               | 19/06/2020 | 3760546 | 20181284.9 |        |
| 3760649 | DAIKIN INDUSTRIES, LTD.                                    | 01/03/2019 | 3760649 | 19760711.2 |        |
| 3761334 | Hitachi Energy Ltd   | 01/07/2019 | 3761334 | 19183723.6 |        |
| 3761604 | HUAWEI TECHNOLOGIES CO., LTD.                              | 25/03/2019 | 3761604 | 19775975.6 |        |
| 3762386 | Teon Therapeutics, Inc.                                    | 05/03/2019 | 3762386 | 19764343.0 |        |
| 3762450 | Technische Universität Berlin                              | 04/03/2019 | 3762450 | 19707036.0 | German |
| 3763353 | ADEKA CORPORATION  | 08/03/2018 | 3763353 | 18908499.9 |        |
| 3763423 | NIKE Innovate C.V.   | 21/07/2016 | 3763423 | 20194024.4 |        |

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| 3763515 | The Boeing Company   | 29/06/2020 | 3763515 | 20182976.9 |        |
| 3765119 | Fresenius Medical Care Deutschland GmbH                                      | 07/03/2019 | 3765119 | 19709907.0 | German |
| 3765958 | Texas Instruments Incorporated   | 18/03/2019 | 3765958 | 19768218.0 |        |
| 3766479 | Win Coat Corporation   | 15/11/2019 | 3766479 | 19209380.5 |        |
| 3766630 | Amada Co., Ltd.  | 05/02/2019 | 3766630 | 19767159.7 |        |
| 3766767 | Yanmar Power Technology Co., Ltd.  | 01/03/2019 | 3766767 | 19768147.1 |        |
| 3766782 | ROSEMOUNT AEROSPACE INC.   | 05/12/2019 | 3766782 | 19213983.0 |        |
| 3767185 | BSH Hausgeräte GmbH  | 18/06/2020 | 3767185 | 20180830.0 | German |
| 3767359 | LG Electronics Inc.  | 16/10/2018 | 3767359 | 18909504.5 |        |
| 3767868 | Sony Group Corporation   | 20/12/2017 | 3767868 | 20193357.9 |        |
| 3767885 | HUAWEI TECHNOLOGIES CO., LTD.  | 19/05/2020 | 3767885 | 20175363.9 |        |
| 3768052 | Kyocera Corporation  | 01/02/2019 | 3768052 | 19767031.8 |        |
| 3768499 | LuxYours GmbH  | 04/03/2019 | 3768499 | 19709022.8 | German |
| 3769058 | Nederlandse Organisatie voor toegepast- natuurwetenschappelijk Onderzoek TNO | 21/03/2019 | 3769058 | 19720181.7 |        |
| 3769305 | Bose Corporation   | 18/03/2019 | 3769305 | 19714080.9 |        |
| 3769992 | Hitachi Construction Machinery Co., Ltd.                                     | 15/02/2019 | 3769992 | 19770566.8 |        |
| 3770488 | Siteco GmbH  | 24/07/2020 | 3770488 | 20187615.8 | German |
| 3770773 | BRIGHT DATA LTD.   | 16/08/2018 | 3770773 | 20190259.0 |        |
| 3770969 | Samsung Display Co., Ltd.  | 23/07/2020 | 3770969 | 20187289.2 |        |
| 3771476 | Fisher & Paykel Healthcare Limited   | 03/12/2015 | 3771476 | 20186203.4 |        |
| 3771610 | Schneider, Falk  | 29/07/2019 | 3771610 | 19188900.5 | German |
| 3771768 | LG Electronics Inc.  | 29/07/2020 | 3771768 | 20188350.1 |        |
| 3772059 | Samsung Electronics Co., Ltd.  | 24/06/2020 | 3772059 | 20181967.9 |        |
| 3772327 | Samsung Display Co., Ltd.  | 07/08/2020 | 3772327 | 20190126.1 |        |
| 3772622 | Vaillant GmbH  | 09/07/2020 | 3772622 | 20184851.2 | German |
| 3773024 | Nicoventures Trading Limited   | 27/03/2019 | 3773024 | 19716493.2 |        |
| 3774012 | GIS Gas Infusion Systems Inc.  | 19/12/2018 | 3774012 | 18891422.0 |        |
| 3774064 | GEA Mechanical Equipment GmbH  | 04/04/2019 | 3774064 | 19716376.9 | German |
| 3774080 | Exo Imaging Inc.   | 09/03/2019 | 3774080 | 19784517.5 |        |
| 3774197 | BAE SYSTEMS plc  | 27/03/2019 | 3774197 | 19716225.8 |        |
| 3775602 | TMD Friction Services GmbH   | 27/06/2019 | 3775602 | 19735526.6 | German |
| 3776058 | Adlens Ltd.  | 26/03/2019 | 3776058 | 19716222.5 |        |

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| 3776086 | HEWLETT-PACKARD<br>DEVELOPMENT COMPANY, L.P.                            | 18/06/2019 | 3776086 | 19838880.3 |        |
| 3776161 | Samsung Electronics Co., Ltd.   | 12/06/2019 | 3776161 | 19842110.9 |        |
| 3776848 | Northrop Grumman Systems<br>Corporation                                 | 25/02/2019 | 3776848 | 19710240.3 |        |
| 3777045 | Bently Nevada, LLC  | 04/04/2019 | 3777045 | 19782302.4 |        |
| 3777252 | QUALCOMM INCORPORATED   | 30/01/2019 | 3777252 | 19706824.0 |        |
| 3777312 | Samsung Electronics Co., Ltd.   | 10/09/2019 | 3777312 | 19859356.8 |        |
| 3777504 | Deere & Company   | 04/07/2018 | 3777504 | 20197797.2 |        |
| 3777727 | The Board of Trustees of the Leland<br>Stanford Junior University       | 18/04/2012 | 3777727 | 20185033.6 |        |
| 3778300 | Feldbinder Spezialfahrzeugwerke<br>GmbH                                 | 30/07/2020 | 3778300 | 20188681.9 | German |
| 3778302 | Goodrich Corporation  | 09/12/2019 | 3778302 | 19214487.1 |        |
| 3778399 | Kidde Technologies, Inc.  | 02/12/2019 | 3778399 | 19212802.3 |        |
| 3778935 | JFE Steel Corporation   | 20/03/2019 | 3778935 | 19776875.7 |        |
| 3779085 | VKR Holding A/S   | 03/02/2020 | 3779085 | 20155240.3 |        |
| 3779110 | The Yokohama Rubber Co., Ltd.   | 11/04/2019 | 3779110 | 19785638.8 |        |
| 3779214 | Moby Dick Inc.  | 08/04/2019 | 3779214 | 19786163.6 |        |
| 3779242 | Hamilton Sundstrand Corporation   | 12/12/2019 | 3779242 | 19215827.7 |        |
| 3780523 | Huawei Technologies Co., Ltd.   | 10/05/2019 | 3780523 | 19807078.1 |        |
| 3780770 | Industrial Technology Research<br>Institute                             | 12/08/2020 | 3780770 | 20190644.3 |        |
| 3780906 | Miele & Cie. KG   | 22/07/2020 | 3780906 | 20187098.7 | German |
| 3782172 | TDK Electronics AG  | 25/02/2020 | 3782172 | 20707094.7 | German |
| 3782910 | Hamilton Sundstrand Corporation   | 02/12/2019 | 3782910 | 19212884.1 |        |
| 3783199 | RTX Corporation   | 07/08/2020 | 3783199 | 20190138.6 |        |
| 3783215 | VOLKSWAGEN AG   | 24/07/2020 | 3783215 | 20187577.0 | German |
| 3783219 | Suzuki Motor Corporation  | 21/08/2020 | 3783219 | 20192245.7 |        |
| 3783320 | Micro Motion Inc.   | 30/08/2017 | 3783320 | 20201903.0 |        |
| 3783963 | TELEFONAKTIEBOLAGET LM<br>ERICSSON (PUBL)                               | 23/03/2018 | 3783963 | 20199727.7 |        |
| 3784429 | Milwaukee Electric Tool Corporation                                     | 22/04/2019 | 3784429 | 19793663.6 |        |
| 3784723 | ARKEMA FRANCE   | 26/04/2019 | 3784723 | 19728724.6 | French |
| 3784818 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V. | 26/04/2019 | 3784818 | 19720538.8 | German |
| 3784833 | WestRock MWV, LLC   | 22/04/2019 | 3784833 | 19727129.9 |        |

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| 3784885 | Scania CV AB  | 18/04/2019 | 3784885 | 19793568.7 |        |
| 3785365 | HUAWEI TECHNOLOGIES CO.,<br>LTD.  | 07/05/2019 | 3785365 | 19799310.8 |        |
| 3785698 | Beijing Tiantan Hospital Capital<br>Medical University<br>Nanjing Baixinyu Pharmaceutical Co.<br>Ltd. | 27/12/2018 | 3785698 | 18916934.5 |        |
| 3786062 | B/E Aerospace, Inc.   | 13/12/2019 | 3786062 | 19216023.2 |        |
| 3786064 | B/E Aerospace, Inc.   | 16/12/2019 | 3786064 | 19216607.2 |        |
| 3786100 | FASSI GRU S.p.A.  | 13/07/2020 | 3786100 | 20185576.4 |        |
| 3786381 | Vesterby Træteknik A/S  | 04/05/2020 | 3786381 | 20172684.1 |        |
| 3786537 | Midea Group Co., Ltd.   | 20/12/2018 | 3786537 | 18922915.6 |        |
| 3787463 | LG ELECTRONICS INC.   | 03/05/2019 | 3787463 | 19796181.6 |        |
| 3787470 | Stryker Corporation   | 02/05/2019 | 3787470 | 19724020.3 |        |
| 3788032 | Tagworks Pharmaceuticals B.V.   | 06/05/2019 | 3788032 | 19744888.9 |        |
| 3788313 | Heraeus Noblelight GmbH   | 25/04/2019 | 3788313 | 19720116.3 | German |
| 3788939 | Ambu A/S  | 06/09/2019 | 3788939 | 19195989.9 |        |
| 3789157 | Leibniz-Institut für<br>Oberflächenmodifizierung e.V.   | 10/08/2020 | 3789157 | 20000279.8 | German |
| 3789331 | Telegärtner Elektronik GmbH   | 14/05/2020 | 3789331 | 20174695.5 | German |
| 3789388 | Tianjin Hemay Pharmaceutical Co.,<br>Ltd.   | 30/04/2019 | 3789388 | 19796726.8 |        |
| 3789572 | WIHAG Fahrzeugbausysteme GmbH   | 20/08/2020 | 3789572 | 20191941.2 | German |
| 3789718 | Hamilton Sundstrand Corporation   | 12/12/2019 | 3789718 | 19215632.1 |        |
| 3790416 | Körber Technologies GmbH  | 05/06/2019 | 3790416 | 19730717.6 | German |
| 3790871 | GlaxoSmithKline Intellectual Property<br>Development Limited  | 10/05/2019 | 3790871 | 19725058.2 |        |
| 3791186 | Instituto de Patologia e Imunologia da<br>Universidade do Porto (IPATIMUP)                            | 03/05/2019 | 3791186 | 19724265.4 |        |
| 3791671 | Samsung Electronics Co., Ltd.   | 13/06/2019 | 3791671 | 19818745.2 |        |
| 3792087 | L'Air Liquide, Société Anonyme pour<br>l'Etude et l'Exploitation des Procédés<br>Georges Claude       | 13/09/2019 | 3792087 | 19197296.7 |        |
| 3792153 | Renault s.a.s   | 07/07/2020 | 3792153 | 20184557.5 | French |
| 3793516 | Ceva Santé Animale  | 16/05/2019 | 3793516 | 19723453.7 |        |
| 3793765 | Renishaw PLC  | 15/05/2019 | 3793765 | 19725093.9 |        |

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| 3793875 | Renault s.a.s<br>NISSAN MOTOR CO., LTD.  | 06/05/2019 | 3793875 | 19720902.6 | French |
| 3794410 | E Ink Corporation  | 17/05/2019 | 3794410 | 19803813.5 |        |
| 3794675 | Nokia Shanghai Bell Co., Ltd.  | 29/06/2018 | 3794675 | 18745742.9 |        |
| 3794853 | Bose Corporation   | 30/04/2019 | 3794853 | 19723954.4 |        |
| 3795055 | Alfred Kärcher SE & Co. KG   | 12/12/2013 | 3795055 | 20200459.4 | German |
| 3795763 | CRH Nederland B.V.<br>CRH Structural Concrete Belgium<br>Thermomass<br>Prefaco nv/sa | 16/09/2020 | 3795763 | 20196428.5 |        |
| 3795959 | Continental Automotive Technologies<br>GmbH  | 17/09/2020 | 3795959 | 20196608.2 | German |
| 3796135 | 365FarmNet Group KGaA mbh & Co<br>KG   | 16/07/2020 | 3796135 | 20186161.4 | German |
| 3797303 | Siemens Energy Global GmbH & Co.<br>KG   | 20/06/2019 | 3797303 | 19739203.8 | German |
| 3797593 | McLaughlin Gormley King Company  | 29/06/2017 | 3797593 | 20207303.7 |        |
| 3797749 | Samsung Electronics Co., Ltd.  | 23/09/2020 | 3797749 | 20197783.2 |        |
| 3798263 | SHPP Global Technologies B.V.  | 30/09/2019 | 3798263 | 19200434.9 |        |
| 3798379 | Cielobatzki, Carsten   | 18/09/2020 | 3798379 | 20197032.4 | German |
| 3798726 | JVCKENWOOD Corporation   | 16/01/2019 | 3798726 | 19807003.9 |        |
| 3798783 | HUSQVARNA AB   | 15/09/2020 | 3798783 | 20196110.9 |        |
| 3798816 | Rockwell Automation Technologies,<br>Inc.  | 26/08/2020 | 3798816 | 20192782.9 |        |
| 3798942 | Rockwell Automation Technologies,<br>Inc.  | 30/03/2020 | 3798942 | 20166639.3 |        |
| 3799810 | Integra LifeSciences Enterprises, LLLP   | 15/11/2017 | 3799810 | 20207021.5 |        |
| 3800415 | Hamilton Sundstrand Corporation  | 12/12/2019 | 3800415 | 19215684.2 |        |
| 3800563 | Google LLC   | 17/05/2018 | 3800563 | 20198533.0 |        |
| 3800622 | Jenoptik Robot GmbH  | 01/10/2020 | 3800622 | 20199520.6 | German |
| 3800675 | Lumileds LLC   | 01/10/2019 | 3800675 | 19200773.0 |        |
| 3801104 | NIKE Innovate C.V.   | 22/05/2019 | 3801104 | 19730037.9 |        |
| 3801105 | NIKE Innovate C.V.   | 26/04/2019 | 3801105 | 19722434.8 |        |
| 3801110 | NIKE Innovate C.V.   | 29/05/2019 | 3801110 | 19731072.5 |        |
| 3801263 | Aiki Riotech Corporation<br>The School Corporation Kansai<br>University              | 25/05/2018 | 3801263 | 18919992.0 |        |



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| 3803076 | Scania CV AB   | 04/06/2019 | 3803076 | 19819762.6 |        |
| 3803410 | Alzohis  | 06/06/2019 | 3803410 | 19733963.3 |        |
| 3803604 | Sony Group Corporation   | 06/12/2018 | 3803604 | 18826828.8 |        |
| 3803798 | Huawei Technologies Co. Ltd.   | 25/06/2019 | 3803798 | 19826646.2 |        |
| 3804090 | Mavel edt S.p.A.   | 29/03/2019 | 3804090 | 19721862.1 |        |
| 3804269 | Salesforce.com, Inc.   | 30/05/2019 | 3804269 | 19732168.0 |        |
| 3804286 | Samsung Electronics Co., Ltd.  | 15/07/2019 | 3804286 | 19833778.4 |        |
| 3804439 | QUALCOMM Incorporated  | 22/05/2019 | 3804439 | 19731387.7 |        |
| 3804743 | Fresenius Kabi Deutschland GmbH  | 03/02/2017 | 3804743 | 20211750.3 |        |
| 3805519 | Weatherford Technology Holdings,<br>LLC  | 29/05/2015 | 3805519 | 20210805.6 |        |
| 3805866 | CANON KABUSHIKI KAISHA   | 23/05/2019 | 3805866 | 19807220.9 |        |
| 3806205 | Tsukishima Kikai Co. Ltd.  | 06/06/2019 | 3806205 | 19815443.7 |        |
| 3806395 | HUAWEI TECHNOLOGIES CO.,<br>LTD.   | 24/06/2019 | 3806395 | 19826432.7 |        |
| 3806406 | Huawei Technologies Co., Ltd.  | 23/06/2019 | 3806406 | 19834260.2 |        |
| 3807088 | WestRock MWV, LLC  | 12/06/2019 | 3807088 | 19819148.8 |        |
| 3807090 | Solvay Specialty Polymers USA, LLC.  | 17/06/2019 | 3807090 | 19729779.9 |        |
| 3807268 | OLON S.p.A.  | 13/06/2019 | 3807268 | 19742653.9 |        |
| 3808112 | Sony Network Communications Europe<br>B.V.   | 25/04/2019 | 3808112 | 19724636.6 |        |
| 3808227 | Rastal GmbH & Co. KG   | 01/10/2020 | 3808227 | 20199650.1 | German |
| 3808592 | Samsung SDI Co., Ltd.  | 17/10/2019 | 3808592 | 19203900.6 |        |
| 3809006 | Hamilton Sundstrand Corporation  | 11/12/2019 | 3809006 | 19215287.4 |        |
| 3809130 | LG CHEM, LTD.  | 16/04/2020 | 3809130 | 20792207.1 |        |
| 3809149 | Prysmian S.p.A.  | 22/09/2020 | 3809149 | 20197407.8 |        |
| 3809182 | SHENZHEN GOODIX<br>TECHNOLOGY CO., LTD.  | 14/03/2019 | 3809182 | 19919223.8 |        |
| 3810147 | Acibadem Mehmet Ali Aydinlar<br>Üniversitesi<br>Sabanci Üniversitesi<br>KOC Üniversitesi | 25/06/2018 | 3810147 | 18880072.6 |        |
| 3810206 | Evox Therapeutics Ltd  | 21/06/2019 | 3810206 | 19732641.6 |        |
| 3810244 | Fisher & Paykel Healthcare Limited   | 19/06/2019 | 3810244 | 19821693.9 |        |
| 3810483 | thyssenkrupp Presta AG<br>thyssenkrupp AG  | 18/06/2019 | 3810483 | 19733692.8 | German |

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|---------|---|------------|---------|------------|--------|
| 3810561 | thyssenkrupp Uhde GmbH<br>thyssenkrupp AG   | 14/06/2019 | 3810561 | 19742131.6 | German |
| 3810773 | Microsoft Technology Licensing, LLC   | 10/06/2019 | 3810773 | 19748985.9 |        |
| 3810803 | F. Hoffmann-La Roche AG   | 19/06/2019 | 3810803 | 19732345.4 |        |
| 3810926 | Heerema Marine Contractors Nederland<br>SE  | 18/06/2019 | 3810926 | 19743069.7 |        |
| 3811133 | Corning Research & Development<br>Corporation   | 22/06/2018 | 3811133 | 18740472.8 |        |
| 3811396 | Micromass UK Limited  | 20/06/2019 | 3811396 | 19734149.8 |        |
| 3812711 | Palo Alto Research Center Incorporated  | 13/10/2020 | 3812711 | 20201648.1 |        |
| 3812740 | National Institute for Materials Science  | 04/06/2019 | 3812740 | 19823067.4 |        |
| 3813722 | Align Technology, Inc.  | 01/05/2019 | 3813722 | 19724007.0 |        |
| 3814081 | S.I.P.A. Società Industrializzazione<br>Progettazione e Automazione S.p.A.                            | 24/06/2019 | 3814081 | 19746167.6 |        |
| 3814188 | Siemens Mobility Austria GmbH   | 05/08/2019 | 3814188 | 19759300.7 | German |
| 3814318 | Evonik Operations GmbH  | 26/06/2018 | 3814318 | 18924719.0 |        |
| 3814686 | B.S. Service S.r.l.   | 26/06/2019 | 3814686 | 19732395.9 |        |
| 3815050 | Warner Bros. Entertainment Inc.   | 23/05/2019 | 3815050 | 19807545.9 |        |
| 3815158 | Dracula Technologies<br>Centre national de la recherche<br>scientifique<br>Université d'Aix Marseille | 26/06/2019 | 3815158 | 19748855.4 | French |
| 3815899 | Sumitomo Rubber Industries, Ltd.  | 26/10/2020 | 3815899 | 20203851.9 |        |
| 3816450 | Emerson Climate Technologies<br>(Suzhou) Co., Ltd.  | 21/06/2019 | 3816450 | 19826326.1 |        |
| 3816745 | Kitamura Machinery Co., Ltd.  | 29/10/2019 | 3816745 | 19918498.7 |        |
| 3817286 | HUAWEI TECHNOLOGIES CO.,<br>LTD.  | 23/05/2019 | 3817286 | 19811591.7 |        |
| 3817305 | Deutsche Telekom AG   | 04/11/2019 | 3817305 | 19206889.8 |        |
| 3817415 | Airstar Digital Technology Co., Ltd.  | 28/04/2020 | 3817415 | 20171800.4 |        |
| 3817482 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.  | 14/05/2019 | 3817482 | 19827473.0 |        |
| 3817960 | Robel Bahnbaumaschinen GmbH   | 05/09/2019 | 3817960 | 19765450.2 | German |
| 3818361 | Curi Bio, Inc.<br>University of Washington  | 02/07/2019 | 3818361 | 19831543.4 |        |
| 3818390 | Valeo Schalter und Sensoren GmbH  | 07/06/2019 | 3818390 | 19731634.2 | German |

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| 3818520 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V. | 27/06/2019 | 3818520 | 19732704.2 |        |
| 3818794 | Seppi M. spa-AG   | 05/11/2020 | 3818794 | 20205821.0 | German |
| 3818937 | Biosense Webster (Israel) Ltd.  | 04/11/2020 | 3818937 | 20205762.6 |        |
| 3819243 | JJS Application Technologies Ltd  | 27/10/2020 | 3819243 | 20204073.9 |        |
| 3819451 | Google LLC  | 14/10/2020 | 3819451 | 20201825.5 |        |
| 3819516 | NSK LTD.  | 03/07/2019 | 3819516 | 19830760.5 |        |
| 3819531 | Danhydra A/S  | 04/11/2020 | 3819531 | 20205673.5 |        |
| 3820190 | HUAWEI TECHNOLOGIES CO.,<br>LTD.  | 25/07/2018 | 3820190 | 18927962.3 |        |
| 3820526 | Kinarus AG  | 05/07/2019 | 3820526 | 19734822.0 |        |
| 3821069 | Xeros Limited   | 12/07/2019 | 3821069 | 19740360.3 |        |
| 3821183 | Milwaukee Electric Tool Corporation                                     | 12/07/2019 | 3821183 | 19835077.9 |        |
| 3821765 | Guangzhou Lianrou Machinery &<br>Equipment Co., Ltd.                    | 22/02/2019 | 3821765 | 19805108.8 |        |
| 3822096 | HANKOOK TIRE & TECHNOLOGY<br>CO., LTD                                   | 11/11/2020 | 3822096 | 20206989.4 |        |
| 3822577 | Schmitt, Philip   | 17/11/2020 | 3822577 | 20208176.6 | German |
| 3822591 | Endress + Hauser Flowtec AG   | 23/02/2015 | 3822591 | 20211010.2 | German |
| 3823236 | Palantir Technologies Inc.  | 02/12/2019 | 3823236 | 19212961.7 |        |
| 3823292 | Samsung Electronics Co., Ltd.   | 09/11/2020 | 3823292 | 20206538.9 |        |
| 3823665 | Regeneron Pharmaceuticals, Inc.   | 18/07/2019 | 3823665 | 19749097.2 |        |
| 3824145 | Hilti Aktiengesellschaft  | 11/07/2019 | 3824145 | 19744637.0 |        |
| 3824942 | Sorrento Therapeutics, Inc.   | 16/10/2012 | 3824942 | 20217071.8 |        |
| 3825054 | Rolls-Royce Corporation   | 06/11/2020 | 3825054 | 20206083.6 |        |
| 3825111 | Puleo S.p.A.  | 17/11/2020 | 3825111 | 20020540.9 |        |
| 3825636 | Schmöle GmbH  | 18/11/2020 | 3825636 | 20208451.3 | German |
| 3825904 | Samsung Electronics Co., Ltd.   | 31/08/2020 | 3825904 | 20193738.0 |        |
| 3826017 | Imec VZW<br>Katholieke Universiteit Leuven                              | 22/11/2019 | 3826017 | 19210885.0 |        |
| 3826083 | Samsung SDI Co., Ltd.   | 08/03/2019 | 3826083 | 19837334.2 |        |
| 3826244 | HUAWEI TECHNOLOGIES CO.,<br>LTD.  | 22/07/2019 | 3826244 | 19846327.5 |        |
| 3827490 | DEHN SE   | 23/05/2019 | 3827490 | 19726952.5 | German |
| 3827538 | Telefonaktiebolaget LM Ericsson (publ)                                  | 26/07/2018 | 3827538 | 18755937.2 |        |
| 3827982 | Dow Toray Co., Ltd.   | 24/07/2019 | 3827982 | 19841197.7 |        |

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| 3828048 | TOYOTA JIDOSHA KABUSHIKI<br>KAISHA                          | 11/11/2020 | 3828048 | 20206886.2 |        |
| 3828087 | Shanghai Autoflight Co., Ltd.                               | 23/07/2018 | 3828087 | 18927894.8 |        |
| 3828372 | REHAU Industries SE & Co. KG                                | 20/11/2020 | 3828372 | 20208802.7 | German |
| 3828545 | Otsuka Pharmaceutical Co., Ltd.                             | 25/09/2019 | 3828545 | 19868506.7 |        |
| 3828557 | ABB Schweiz AG  | 28/11/2019 | 3828557 | 19212092.1 |        |
| 3828570 | LG Energy Solution, Ltd.                                    | 22/04/2020 | 3828570 | 20794066.9 |        |
| 3829279 | OVH   | 29/11/2019 | 3829279 | 19315150.3 |        |
| 3829529 | Tacconelli, Mark  | 06/06/2019 | 3829529 | 19815506.1 |        |
| 3830176 | DOW GLOBAL TECHNOLOGIES<br>LLC<br>Dow Silicones Corporation | 30/07/2019 | 3830176 | 19752799.7 |        |
| 3830491 | King Abdullah University of Science<br>and Technology       | 24/07/2019 | 3830491 | 19773523.6 |        |
| 3831295 | i-Sens, Inc.  | 04/06/2019 | 3831295 | 19843611.5 |        |
| 3831347 | Cecchini, Paolo<br>Zovatto, Luigino                         | 26/11/2020 | 3831347 | 20210132.5 |        |
| 3831482 | Berkeley Lights, Inc.                                       | 07/12/2015 | 3831482 | 20198800.3 |        |
| 3832040 | Predl GmbH  | 02/10/2020 | 3832040 | 20199884.6 | German |
| 3832235 | Qingdao Haier Co., Ltd.                                     | 29/04/2019 | 3832235 | 19843883.0 |        |
| 3832239 | Rösler Holding GmbH   | 11/11/2020 | 3832239 | 20206954.8 | German |
| 3832386 | Kyocera Corporation   | 26/07/2019 | 3832386 | 19841607.5 |        |
| 3832396 | ETA SA Manufacture Horlogère Suisse                         | 03/12/2019 | 3832396 | 19213223.1 | French |
| 3832508 | Siemens Aktiengesellschaft                                  | 06/12/2019 | 3832508 | 19214164.6 | German |
| 3832616 | Carrier Corporation   | 02/12/2020 | 3832616 | 20211263.7 |        |
| 3833597 | thyssenkrupp Marine Systems GmbH<br>thyssenkrupp AG         | 01/08/2019 | 3833597 | 19749328.1 | German |
| 3833743 | NantBio, Inc.   | 06/08/2019 | 3833743 | 19847254.0 |        |
| 3833992 | ABB Schweiz AG  | 09/08/2018 | 3833992 | 18929030.7 |        |
| 3834472 | HUAWEI TECHNOLOGIES CO.,<br>LTD.                            | 04/09/2018 | 3834472 | 18765610.3 |        |
| 3834505 | Lenovo (Singapore) Pte. Ltd.                                | 09/08/2019 | 3834505 | 19795314.4 |        |
| 3834744 | Covidien LP   | 11/12/2020 | 3834744 | 20213417.7 |        |
| 3834940 | Withings  | 13/12/2019 | 3834940 | 19216228.7 |        |
| 3835156 | TOYOTA JIDOSHA KABUSHIKI<br>KAISHA                          | 14/09/2020 | 3835156 | 20195943.4 |        |
| 3835170 | Siemens Mobility GmbH                                       | 10/12/2019 | 3835170 | 19214711.4 | German |

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| 3835250 | Manitou Italia S.r.l.                                       | 10/12/2020 | 3835250 | 20212974.8 |        |
| 3835879 | The Swatch Group Research and<br>Development Ltd            | 09/12/2019 | 3835879 | 19214354.3 | French |
| 3835974 | ALIBABA GROUP HOLDING<br>LIMITED                            | 02/08/2019 | 3835974 | 19846876.1 |        |
| 3836301 | NXP USA, Inc.   | 09/12/2019 | 3836301 | 19214617.3 |        |
| 3836384 | IMEC VZW  | 10/12/2019 | 3836384 | 19214763.5 |        |
| 3836509 | Mellanox Technologies, Ltd.                                 | 10/12/2020 | 3836509 | 20213217.1 |        |
| 3836561 | Shenzhen Xinqi Science and<br>Technology Co., Ltd.          | 06/08/2019 | 3836561 | 19847873.7 |        |
| 3836638 | HUAWEI TECHNOLOGIES CO.,<br>LTD.                            | 31/07/2019 | 3836638 | 19847699.6 |        |
| 3837005 | CVRx, Inc.  | 15/08/2019 | 3837005 | 19850453.2 |        |
| 3837488 | Sarcos Corp.  | 03/10/2019 | 3837488 | 19877547.0 |        |
| 3837899 | QUALCOMM INCORPORATED                                       | 12/08/2019 | 3837899 | 19762875.3 |        |
| 3838072 | Kids2, Inc.   | 15/09/2017 | 3838072 | 20208098.2 |        |
| 3838132 | Siemens Healthcare GmbH                                     | 19/12/2019 | 3838132 | 19218075.0 | German |
| 3838185 | Covidien LP   | 15/12/2020 | 3838185 | 20214062.0 |        |
| 3838315 | STMicroelectronics S.r.l.                                   | 04/12/2020 | 3838315 | 20212023.4 |        |
| 3838481 | BIESSE S.p.A.   | 16/12/2020 | 3838481 | 20214758.3 |        |
| 3838530 | Sighinolfi, Paolo   | 17/12/2020 | 3838530 | 20020629.0 |        |
| 3838564 | STANLEY ELECTRIC CO., LTD.                                  | 17/12/2020 | 3838564 | 20215010.8 |        |
| 3839116 | adidas AG   | 10/12/2020 | 3839116 | 20213077.9 |        |
| 3839218 | General Electric Technology GmbH                            | 04/12/2020 | 3839218 | 20211988.9 |        |
| 3839263 | Mitsubishi Heavy Industries<br>Compressor Corporation       | 14/12/2020 | 3839263 | 20213716.2 |        |
| 3839314 | Insitu, Inc.  | 15/10/2020 | 3839314 | 20201936.0 |        |
| 3839332 | Marelli Automotive Lighting Italy<br>S.p.A. Con Socio Unico | 26/10/2020 | 3839332 | 20203958.2 |        |
| 3839399 | Carrier Corporation   | 18/12/2020 | 3839399 | 20215424.1 |        |
| 3839536 | LG Energy Solution, Ltd.                                    | 28/02/2020 | 3839536 | 20772792.6 |        |
| 3839605 | STMicroelectronics S.r.l.                                   | 18/12/2020 | 3839605 | 20215797.0 |        |
| 3839616 | REHAU Industries SE & Co. KG                                | 11/11/2020 | 3839616 | 20206860.7 | German |
| 3839882 | Elta Systems Ltd.   | 17/12/2020 | 3839882 | 20214816.9 |        |
| 3839888 | Clarion Co., Ltd.   | 18/12/2020 | 3839888 | 20215434.0 |        |
| 3839951 | Beijing Xiaomi Intelligent Technology<br>Co., Ltd.          | 18/06/2020 | 3839951 | 20180826.8 |        |

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| 3840310 | Juniper Networks, Inc.                               | 14/12/2020 | 3840310 | 20213670.1 |        |
| 3840311 | HUAWEI TECHNOLOGIES CO.,<br>LTD.                     | 01/07/2019 | 3840311 | 19856560.8 |        |
| 3840410 | GN Hearing A/S                                       | 17/12/2019 | 3840410 | 19216899.5 |        |
| 3841242 | Dow Global Technologies LLC<br>Rohm and Haas Company | 21/08/2018 | 3841242 | 18930609.5 |        |
| 3842256 | IDEMIA France  | 24/12/2019 | 3842256 | 19306769.1 |        |
| 3842417 | Resonac Corporation                                  | 16/08/2019 | 3842417 | 19853192.3 |        |
| 3842774 | Austria Email AG                                     | 23/12/2020 | 3842774 | 20216777.1 | German |
| 3842973 | MEDIATEK INC.  | 07/12/2020 | 3842973 | 20212093.7 |        |
| 3843374 | CANON KABUSHIKI KAISHA                               | 26/11/2020 | 3843374 | 20209965.1 |        |
| 3843864 | Gomez, Eduardo, Roberto                              | 28/08/2018 | 3843864 | 18931718.3 |        |
| 3844742 | Bose Corporation                                     | 30/08/2019 | 3844742 | 19768986.2 |        |
| 3845318 | Alps Alpine Co., Ltd.                                | 13/03/2019 | 3845318 | 19853737.5 |        |
| 3845811 | General Electric Technology GmbH                     | 27/10/2020 | 3845811 | 20204208.1 |        |
| 3846793 | PIC Therapeutics, Inc.                               | 06/09/2019 | 3846793 | 19858329.6 |        |
| 3847826 | Dolby Laboratories Licensing<br>Corporation          | 09/09/2019 | 3847826 | 19773306.6 |        |
| 3847873 | Pilkington Group Limited                             | 04/09/2019 | 3847873 | 19766310.7 |        |
| 3848186 | Ecolean AB   | 08/01/2020 | 3848186 | 20150717.5 |        |
| 3848194 | Mingyang Technology (Suzhou) Co.,<br>Ltd.            | 10/07/2019 | 3848194 | 19930738.0 |        |
| 3848800 | ZTE Corporation                                      | 30/09/2019 | 3848800 | 19866496.3 |        |
| 3849261 | KT Corporation                                       | 04/09/2019 | 3849261 | 19857234.9 |        |
| 3849368 | Fast IP, LLC   | 19/12/2019 | 3849368 | 19909093.7 |        |
| 3850047 | Eastman Kodak Company                                | 30/08/2019 | 3850047 | 19768972.2 |        |
| 3850185 | TechnipFMC Subsea France                             | 12/09/2019 | 3850185 | 19765735.6 | French |
| 3851070 | Ha, Myung Heon                                       | 14/06/2019 | 3851070 | 19859885.6 |        |
| 3851698 | Akebono Brake Industry Co., Ltd.                     | 10/09/2019 | 3851698 | 19860724.4 |        |
| 3851933 | INTEL Corporation                                    | 25/09/2020 | 3851933 | 20198531.4 |        |
| 3851968 | Mitsubishi Electric Corporation                      | 10/09/2018 | 3851968 | 18933356.0 |        |
| 3851969 | SATO HOLDINGS KABUSHIKI<br>KAISHA                    | 05/09/2019 | 3851969 | 19859806.2 |        |
| 3852099 | NIPPON TELEGRAPH AND<br>TELEPHONE CORPORATION        | 28/08/2019 | 3852099 | 19859327.9 |        |
| 3852412 | New H3C Technologies Co., Ltd.                       | 12/09/2019 | 3852412 | 19859679.3 |        |

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| 3853083 | Trico Belgium S.A.<br>Dr. Ing. h.c. F. Porsche AG | 18/09/2018 | 3853083 | 18773153.4 |        |
| 3853197 | Versalis S.p.A.                                   | 19/09/2019 | 3853197 | 19769180.1 |        |
| 3853200 | Eli Lilly and Company                             | 11/09/2019 | 3853200 | 19773695.2 |        |
| 3853669 | UPM Raflatac Oy                                   | 20/09/2019 | 3853669 | 19780285.3 |        |
| 3853831 | ZF CV Systems Europe BV                           | 22/08/2019 | 3853831 | 19758700.9 | German |
| 3854547 | Braun GmbH  | 25/01/2021 | 3854547 | 21153295.7 |        |
| 3854744 | Otis Elevator Company                             | 24/01/2020 | 3854744 | 20153698.4 |        |
| 3854770 | Aumann, Franz                                     | 21/01/2020 | 3854770 | 20152963.3 | German |
| 3855083 | Mitsubishi Electric Corporation                   | 21/09/2018 | 3855083 | 18934307.2 |        |
| 3855188 | Hitachi High-Tech Corporation                     | 21/06/2019 | 3855188 | 19863894.2 |        |
| 3855241 | NOF Corporation                                   | 11/09/2019 | 3855241 | 19863184.8 |        |
| 3855989 | Nexenic AG  | 25/09/2019 | 3855989 | 19773832.1 | German |
| 3856097 | TurnCare, Inc.                                    | 26/09/2019 | 3856097 | 19866325.4 |        |
| 3857011 | Clark, Gary                                       | 26/09/2019 | 3857011 | 19805365.4 |        |
| 3857056 | General Electric Renovables España,<br>S.L.       | 28/09/2018 | 3857056 | 18786643.9 |        |
| 3857586 | Eaton Intelligent Power Limited                   | 20/09/2019 | 3857586 | 19778456.4 |        |
| 3857760 | Telefonaktiebolaget LM Ericsson (publ)            | 18/09/2019 | 3857760 | 19772707.6 |        |
| 3857784 | QUALCOMM Incorporated                             | 10/09/2019 | 3857784 | 19773660.6 |        |
| 3857856 | Huawei Technologies Co., Ltd.                     | 19/08/2019 | 3857856 | 19942354.2 |        |
| 3858175 | Shenzhen First Union Technology Co.,<br>Ltd.      | 27/09/2019 | 3858175 | 19865948.4 |        |
| 3859066 | STÄUBLI BAYREUTH GmbH                             | 03/02/2020 | 3859066 | 20155203.1 |        |
| 3859211 | Société BIC                                       | 31/01/2020 | 3859211 | 20315012.3 |        |
| 3859265 | DAIKIN INDUSTRIES, LTD.                           | 11/10/2019 | 3859265 | 19881134.1 |        |
| 3860079 | Deutsche Telekom AG                               | 31/01/2020 | 3860079 | 20154874.0 |        |
| 3860190 | VIVO MOBILE COMMUNICATION<br>CO., LTD.            | 22/08/2019 | 3860190 | 19866946.7 |        |
| 3860331 | AGROFROST, naamloze vennootschap                  | 30/09/2019 | 3860331 | 19801966.3 |        |
| 3860543 | LINAK A/S   | 07/10/2019 | 3860543 | 19790448.5 |        |
| 3860841 | Siempelkamp Maschinen- und<br>Anlagenbau GmbH     | 13/12/2019 | 3860841 | 19835363.3 | German |
| 3860930 | Dow Global Technologies LLC                       | 27/09/2019 | 3860930 | 19789832.3 |        |
| 3860942 | Provargo A/S                                      | 03/10/2019 | 3860942 | 19778552.0 |        |
| 3861029 | Solenis Technologies, L.P.                        | 01/10/2019 | 3861029 | 19869204.8 |        |
| 3861336 | KEMIRA OYJ  | 27/09/2019 | 3861336 | 19787329.2 |        |

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| 3861337 | KEMIRA OYJ   | 27/09/2019 | 3861337 | 19795036.3 |        |
| 3861677 | Cisco Technology, Inc.   | 25/09/2019 | 3861677 | 19786417.6 |        |
| 3862798 | Toppan Printing Co., Ltd.  | 01/10/2019 | 3862798 | 19869347.5 |        |
| 3863532 | Medacta International SA   | 26/09/2019 | 3863532 | 19790070.7 |        |
| 3863549 | Quanta System S.p.A.   | 04/10/2019 | 3863549 | 19797795.2 |        |
| 3863902 | Bendix Commercial Vehicle Systems<br>LLC   | 08/10/2019 | 3863902 | 19791428.6 |        |
| 3864454 | Friedrich-Schiller-Universität Jena  | 27/09/2019 | 3864454 | 19782533.4 | German |
| 3864653 | MICRON TECHNOLOGY, INC.  | 02/10/2019 | 3864653 | 19871235.8 |        |
| 3865184 | Calanbau Brandschutzanlagen GmbH   | 13/02/2020 | 3865184 | 20157107.2 | German |
| 3865768 | Lumileds LLC   | 12/02/2020 | 3865768 | 20156939.9 |        |
| 3866195 | Samsung Display Co., Ltd.  | 18/12/2020 | 3866195 | 20215503.2 |        |
| 3866320 | ABB Schweiz AG   | 12/02/2020 | 3866320 | 20156929.0 |        |
| 3866963 | HTE GmbH The High Throughput<br>Experimentation Company  | 15/10/2019 | 3866963 | 19783569.7 | German |
| 3867101 | Trelleborg Izarra SA   | 14/10/2019 | 3867101 | 19789639.2 |        |
| 3867446 | VALMET AB  | 19/10/2018 | 3867446 | 18937221.2 |        |
| 3867490 | Grant Prideco, Inc.  | 16/09/2019 | 3867490 | 19873685.2 |        |
| 3867767 | Oracle International Corporation   | 18/10/2019 | 3867767 | 19801146.2 |        |
| 3867984 | Tenneco Inc.   | 18/10/2019 | 3867984 | 19798463.6 |        |
| 3868570 | BRIDGESTONE CORPORATION  | 16/10/2019 | 3868570 | 19872534.3 |        |
| 3870576 | VIIV Healthcare UK (No.5) Limited  | 22/10/2019 | 3870576 | 19794682.5 |        |
| 3870687 | The Procter & Gamble Company   | 22/10/2019 | 3870687 | 19801173.6 |        |
| 3870954 | Copenhagen Nanosystems ApS   | 25/10/2019 | 3870954 | 19797213.6 |        |
| 3871087 | Dell Products L.P.   | 05/09/2019 | 3871087 | 19875093.7 |        |
| 3871280 | Oxford University Innovation Limited   | 18/10/2019 | 3871280 | 19791350.2 |        |
| 3871737 | Universitat Politècnica de València<br>Consejo Superior De Investigaciones<br>Científicas (CSIC) | 21/10/2019 | 3871737 | 19876539.8 |        |
| 3871826 | Amada Co., Ltd.  | 08/10/2019 | 3871826 | 19875409.5 |        |
| 3871914 | Qingdao United New Energy<br>Automobile Co., Ltd.  | 29/07/2019 | 3871914 | 19877139.6 |        |
| 3872238 | Vieabio Technology Co., LTD.   | 16/09/2019 | 3872238 | 19875078.8 |        |
| 3872561 | BOE Technology Group Co., Ltd.<br>Chongqing BOE Optoelectronics<br>Technology Co., Ltd.          | 27/08/2019 | 3872561 | 19856413.0 |        |



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| 3873134 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.   | 26/11/2018 | 3873134 | 18941187.9 |        |
| 3873707 | FRIMO Group GmbH   | 29/10/2019 | 3873707 | 19797237.5 | German |
| 3873799 | Ørsted Wind Power A/S  | 24/10/2019 | 3873799 | 19790009.5 |        |
| 3873903 | GILEAD SCIENCES, INC.  | 30/10/2019 | 3873903 | 19813990.9 |        |
| 3874590 | Texas Instruments Incorporated   | 01/11/2019 | 3874590 | 19879052.9 |        |
| 3876191 | OMRON Corporation  | 13/03/2019 | 3876191 | 19879158.4 |        |
| 3876500 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.   | 13/12/2018 | 3876500 | 18943219.8 |        |
| 3878195 | NEC Corporation  | 06/11/2019 | 3878195 | 19808919.5 |        |
| 3878251 | DeLaval Holding AB   | 08/11/2019 | 3878251 | 19805420.7 |        |
| 3879775 | Huawei Technologies Co., Ltd.  | 29/11/2019 | 3879775 | 19889219.2 |        |
| 3880027 | Geox S.p.A.  | 12/11/2019 | 3880027 | 19812848.0 |        |
| 3880376 | Gebr. Becker GmbH  | 06/11/2019 | 3880376 | 19798634.2 | German |
| 3880912 | Kiekert AG   | 21/10/2019 | 3880912 | 19805521.2 | German |
| 3880924 | Julius Blum GmbH   | 05/11/2019 | 3880924 | 19804612.0 | German |
| 3883001 | Samsung Display Co., Ltd.  | 26/01/2021 | 3883001 | 21153366.6 |        |
| 3883142 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.   | 18/12/2018 | 3883142 | 18943607.4 |        |
| 3883790 | Airbus Operations Limited  | 16/06/2020 | 3883790 | 20733571.2 |        |
| 3883917 | Translate Bio, Inc.  | 20/11/2019 | 3883917 | 19818450.9 |        |
| 3884855 | Healthcare Technology Innovation<br>Centre<br>Indian Institute of Technology Madras<br>(IIT Madras)            | 31/12/2020 | 3884855 | 20217975.0 |        |
| 3885162 | Bridgestone Corporation  | 27/11/2019 | 3885162 | 19891228.9 |        |
| 3886104 | Centre National de la Recherche<br>Scientifique<br>Université d'Aix-Marseille<br>American University Of Beirut | 26/03/2020 | 3886104 | 20166074.3 |        |
| 3886128 | ABB Schweiz AG   | 24/03/2020 | 3886128 | 20165095.9 |        |
| 3886423 | Sony Group Corporation   | 21/11/2019 | 3886423 | 19892376.5 |        |
| 3886710 | Accuray, Inc.  | 25/11/2019 | 3886710 | 19824057.4 |        |

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| 3887205 | Nissan North America, Inc.<br>NISSAN MOTOR Co., Ltd. | 15/03/2019 | 3887205 | 19888391.0 |        |
| 3887588 | BRUNELLO S.P.A.                                      | 21/11/2019 | 3887588 | 19808906.2 |        |
| 3888944 | The Yokohama Rubber Co., Ltd.                        | 18/06/2019 | 3888944 | 19888920.6 |        |
| 3889558 | ELECTROLUX APPLIANCES<br>AKTIEBOLAG                  | 03/04/2020 | 3889558 | 20167868.7 |        |
| 3889620 | Huawei Digital Power Technologies<br>Co., Ltd.       | 13/12/2019 | 3889620 | 19904658.2 |        |
| 3889747 | Apple Inc.   | 30/03/2020 | 3889747 | 20187231.4 |        |
| 3889766 | Guangzhou Xiaopeng Motors<br>Technology Co., Ltd.    | 28/06/2019 | 3889766 | 19901007.5 |        |
| 3890002 | Ias Inc.   | 06/11/2019 | 3890002 | 19902588.3 |        |
| 3890113 | Niterra Co., Ltd.                                    | 01/11/2019 | 3890113 | 19889685.4 |        |
| 3890558 | Bergardi GmbH  | 28/11/2019 | 3890558 | 19817977.2 | German |
| 3890823 | Medtronic, Inc.                                      | 05/12/2019 | 3890823 | 19824443.6 |        |
| 3890947 | Stratasys Powder Production Ltd                      | 05/12/2019 | 3890947 | 19820857.1 |        |
| 3891526 | Microsoft Technology Licensing, LLC                  | 30/12/2019 | 3891526 | 19845750.9 |        |
| 3891897 | Universite De Bretagne Sud                           | 03/12/2019 | 3891897 | 19809529.1 |        |
| 3891939 | Baker Hughes Energy Technology UK<br>Limited         | 27/11/2019 | 3891939 | 19831983.2 |        |
| 3892160 | LG Electronics Inc.                                  | 17/11/2020 | 3892160 | 20208204.6 |        |
| 3892423 | Beijing Jingdong Qianshi Technology<br>Co., Ltd.     | 07/08/2019 | 3892423 | 19892543.0 |        |
| 3893261 | ABB Schweiz AG                                       | 06/04/2020 | 3893261 | 20168230.9 |        |
| 3893510 | Huawei Technologies Co., Ltd.                        | 06/12/2019 | 3893510 | 19893119.8 |        |
| 3893971 | PARI Pharma GmbH                                     | 13/12/2019 | 3893971 | 19817347.8 |        |
| 3894100 | SIDEL S.P.A.   | 06/06/2019 | 3894100 | 19729736.9 |        |
| 3894195 | General Electric Renovables España,<br>S.L.          | 11/12/2018 | 3894195 | 18829671.9 |        |
| 3894198 | SAFRAN AIRCRAFT ENGINES                              | 11/12/2019 | 3894198 | 19839381.1 | French |
| 3894232 | OVD Kinegram AG                                      | 09/12/2019 | 3894232 | 19817685.1 | German |
| 3894304 | Stellantis Auto SAS                                  | 22/11/2019 | 3894304 | 19842588.6 | French |
| 3894369 | Geomits S.r.l.                                       | 13/12/2019 | 3894369 | 19835499.5 |        |
| 3894613 | Erdem, Ayse<br>Tatlier, Melkon<br>Maras, Taylan      | 13/12/2018 | 3894613 | 18913203.8 |        |
| 3894654 | Murphy Ladder LLC                                    | 13/12/2019 | 3894654 | 19894846.5 |        |

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| 3894689 | General Electric Renovables España,<br>S.L.                             | 11/12/2018 | 3894689 | 18829669.3 |        |
| 3894826 | Pirelli Tyre S.P.A.   | 29/11/2019 | 3894826 | 19845616.2 |        |
| 3894907 | ExxonMobil Technology and<br>Engineering Company                        | 13/11/2019 | 3894907 | 19849052.6 |        |
| 3894946 | Active Brands AS  | 12/12/2019 | 3894946 | 19831610.1 |        |
| 3894980 | Microsoft Technology Licensing, LLC                                     | 03/12/2019 | 3894980 | 19824440.2 |        |
| 3895075 | Microsoft Technology Licensing, LLC                                     | 03/12/2019 | 3895075 | 19824166.3 |        |
| 3895141 | Starkey Laboratories, Inc.  | 13/12/2019 | 3895141 | 19836412.7 |        |
| 3895336 | QUALCOMM Incorporated   | 12/11/2019 | 3895336 | 19836701.3 |        |
| 3895484 | Fraunhofer-Gesellschaft zur Förderung<br>der angewandten Forschung e.V. | 14/12/2018 | 3895484 | 18830765.6 |        |
| 3895597 | Sony Group Corporation  | 04/12/2019 | 3895597 | 19894778.0 |        |
| 3895938 | ZKW Group GmbH  | 17/04/2020 | 3895938 | 20170137.2 | German |
| 3896063 | Chia Tai Tianqing Pharmaceutical<br>Group Co., Ltd.                     | 13/12/2019 | 3896063 | 19897084.0 |        |
| 3896402 | Illinois Tool Works Inc.  | 24/08/2020 | 3896402 | 20192300.0 |        |
| 3896997 | xMEMS Labs, Inc.  | 28/12/2020 | 3896997 | 20217362.1 |        |
| 3897030 | Huawei Technologies Co., Ltd.   | 29/12/2018 | 3897030 | 18944960.6 |        |
| 3897287 | The Procter & Gamble Company  | 18/12/2019 | 3897287 | 19839716.8 |        |
| 3897292 | Camar S.p.A.  | 16/12/2019 | 3897292 | 19835505.9 |        |
| 3897306 | Breville Pty Limited  | 19/12/2019 | 3897306 | 19898416.3 |        |
| 3897351 | Twenty Twenty Therapeutics LLC  | 20/12/2019 | 3897351 | 19901153.7 |        |
| 3897609 | UEA Enterprises Limited   | 23/12/2019 | 3897609 | 19831869.3 |        |
| 3897738 | Sapreme Technologies B.V.   | 09/12/2019 | 3897738 | 19817673.7 |        |
| 3897892 | Sony Interactive Entertainment LLC                                      | 18/11/2019 | 3897892 | 19817894.9 |        |
| 3898009 | Herrmann Ultraschalltechnik GmbH &<br>Co. KG                            | 12/12/2019 | 3898009 | 19824282.8 | German |
| 3898065 | Thales Dis France SAS   | 13/12/2019 | 3898065 | 19817340.3 |        |
| 3898103 | Caterpillar Energy Solutions GmbH                                       | 20/12/2019 | 3898103 | 19831986.5 |        |
| 3898253 | Giesecke+Devrient Currency<br>Technology GmbH                           | 09/12/2019 | 3898253 | 19824234.9 | German |
| 3898363 | VOLKSWAGEN<br>AKTIENGESELLSCHAFT  | 29/11/2019 | 3898363 | 19817176.1 | German |
| 3898445 | Haleon US IP LLC  | 16/12/2019 | 3898445 | 19901265.9 |        |
| 3899248 | Bernoulli LLC   | 12/12/2019 | 3899248 | 19832531.8 |        |
| 3899294 | Secheron Hasler UK Limited  | 23/12/2019 | 3899294 | 19831863.6 |        |

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| 3899298 | Süddeutsche Gelenkscheibenfabrik GmbH & Co. KG<br>Siemens Mobility GmbH        | 18/12/2019 | 3899298 | 19832891.6 | German |
| 3899999 | Eaton Intelligent Power Limited  | 16/12/2019 | 3899999 | 19828653.6 |        |
| 3900107 | Naval Group  | 19/12/2019 | 3900107 | 19821131.0 | French |
| 3900158 | Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.           | 18/12/2019 | 3900158 | 19832907.0 | German |
| 3900257 | Mastercard International Incorporated  | 15/11/2019 | 3900257 | 19898970.9 |        |
| 3900396 | Flock Audio Inc.   | 18/12/2019 | 3900396 | 19901327.7 |        |
| 3901081 | Otis Elevator Company  | 04/12/2020 | 3901081 | 20211866.7 |        |
| 3902667 | Bridgestone Americas Tire Operations, LLC                                      | 19/12/2019 | 3902667 | 19903639.3 |        |
| 3903259 | SISSPRE - SOCIETA' ITALIANA SISTEMI E SERVIZI DI PRECISIONE S.R.L.             | 27/12/2019 | 3903259 | 19845719.4 |        |
| 3903285 | Elbit Systems Land and C4I Ltd.  | 10/11/2019 | 3903285 | 19904780.4 |        |
| 3903411 | Allegro MicroSystems, LLC  | 26/11/2019 | 3903411 | 19824081.4 |        |
| 3903958 | NHK Spring Co., Ltd.   | 26/12/2019 | 3903958 | 19901655.1 |        |
| 3905345 | Denka Company Limited  | 18/12/2019 | 3905345 | 19901970.4 |        |
| 3905348 | Denka Company Limited  | 18/12/2019 | 3905348 | 19905139.2 |        |
| 3905640 | Petal Cloud Technology Co., Ltd.   | 12/02/2020 | 3905640 | 20758913.6 |        |
| 3906200 | Dow Global Technologies LLC  | 23/12/2019 | 3906200 | 19842713.0 |        |
| 3906436 | Eötvös Loránd Tudományegyetem  | 12/12/2019 | 3906436 | 19874752.9 |        |
| 3906616 | Microsoft Technology Licensing, LLC  | 16/12/2019 | 3906616 | 19839200.3 |        |
| 3906652 | T-Mobile USA, Inc.   | 23/12/2019 | 3906652 | 19907507.8 |        |
| 3906810 | CTK Cosmetics Co., Ltd.  | 04/01/2019 | 3906810 | 19907275.2 |        |
| 3907898 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.                           | 15/02/2019 | 3907898 | 19915460.0 |        |
| 3908507 | Caterpillar Inc.   | 16/12/2019 | 3908507 | 19836770.8 |        |
| 3908804 | Northrop Grumman LITEF GmbH  | 03/12/2019 | 3908804 | 19816612.6 | German |
| 3909918 | Evonik Operations GmbH<br>Friedrich-Alexander-Universität<br>Erlangen-Nürnberg | 12/05/2020 | 3909918 | 20174119.6 | German |
| 3910789 | Airbus Defence and Space Limited   | 10/06/2020 | 3910789 | 20179364.3 |        |

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| 3913977 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD.          | 23/08/2019 | 3913977 | 19943472.1 |        |
| 3914031 | Huawei Technologies Co., Ltd.                                       | 14/02/2020 | 3914031 | 20755260.5 |        |
| 3914964 | Julius-Maximilians-Universität<br>Würzburg                          | 24/01/2020 | 3914964 | 20701333.5 |        |
| 3916112 | JFE Steel Corporation   | 25/02/2020 | 3916112 | 20770992.4 |        |
| 3917550 | CJ Bioscience, Inc.   | 11/05/2020 | 3917550 | 20725524.1 |        |
| 3922531 | Dellner Couplers AB   | 02/12/2020 | 3922531 | 20211248.8 |        |
| 3922871 | Eagle Industry Co., Ltd.  | 06/12/2019 | 3922871 | 19914452.8 |        |
| 3923315 | ASML Netherlands B.V.   | 11/06/2020 | 3923315 | 20179514.3 |        |
| 3923536 | Fundació Privada I2CAT, Internet i<br>Innovació Digital a Catalunya | 08/06/2020 | 3923536 | 20382491.7 |        |
| 3923764 | Majhess, Joseph M.  | 06/06/2019 | 3923764 | 19914749.7 |        |
| 3924447 | Merck Patent GmbH   | 14/02/2020 | 3924447 | 20704874.5 |        |
| 3924628 | KSB SE & Co. KGaA   | 07/02/2020 | 3924628 | 20704818.2 | German |
| 3924874 | Tata Consultancy Services Limited                                   | 14/02/2020 | 3924874 | 20755015.3 |        |
| 3925355 | Telefonaktiebolaget LM Ericsson (publ)                              | 23/08/2019 | 3925355 | 19762496.8 |        |
| 3925644 | TERUMO Kabushiki Kaisha   | 26/02/2020 | 3925644 | 20778434.9 |        |
| 3925807 | VOLVO TRUCK CORPORATION   | 16/06/2020 | 3925807 | 20180282.4 |        |
| 3925919 | TADANO LTD.   | 14/02/2020 | 3925919 | 20755583.0 |        |
| 3927008 | LG Electronics Inc.   | 02/04/2020 | 3927008 | 20782744.5 |        |
| 3927078 | LG Electronics Inc.   | 17/02/2020 | 3927078 | 20755846.1 |        |
| 3927527 | Cytec Industries, Inc.  | 21/02/2020 | 3927527 | 20714053.4 |        |
| 3927689 | Yuhan Corporation   | 03/04/2020 | 3927689 | 20783663.6 |        |
| 3927852 | OFFICINE DI CARTIGLIANO S.P.A.                                      | 19/02/2020 | 3927852 | 20711319.2 |        |
| 3927896 | Impero, Pasquale  | 20/02/2020 | 3927896 | 20713094.9 |        |
| 3927937 | Probe Technology Services, Inc.                                     | 11/02/2020 | 3927937 | 20759150.4 |        |
| 3927974 | Daikin Industries, Ltd.   | 20/02/2020 | 3927974 | 20709663.7 |        |
| 3928199 | Cisco Technology, Inc.  | 14/02/2020 | 3928199 | 20712116.1 |        |
| 3928337 | Ellenberger & Poensgen GmbH   | 07/02/2020 | 3928337 | 20704010.6 | German |
| 3928865 | Credo Diagnostics Biomedical Pte. Ltd.                              | 03/09/2020 | 3928865 | 20194262.0 |        |
| 3929256 | Allnex Belgium, S.A.  | 22/06/2020 | 3929256 | 20181391.2 |        |
| 3930164 | Alps Alpine Co., Ltd.   | 20/02/2020 | 3930164 | 20759112.4 |        |
| 3930378 | Huawei Technologies Co., Ltd.                                       | 24/03/2020 | 3930378 | 20782702.3 |        |
| 3930681 | CLINICAL HEALTH<br>TECHNOLOGIES LTD                                 | 27/02/2020 | 3930681 | 20709742.9 |        |

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| 3931466 | Moog Inc.  | 24/02/2020 | 3931466 | 20763711.7 |        |
| 3931704 | Marvell Asia Pte, Ltd.   | 25/02/2020 | 3931704 | 20731543.3 |        |
| 3932120 | QUALCOMM INCORPORATED  | 25/02/2020 | 3932120 | 20715539.1 |        |
| 3933254 | MIW Tech International LLC                                     | 05/10/2020 | 3933254 | 20200036.0 |        |
| 3934560 | Straumann Holding AG   | 06/03/2020 | 3934560 | 20707668.8 |        |
| 3934588 | B. Braun Melsungen AG  | 05/03/2021 | 3934588 | 21708698.2 |        |
| 3934631 | Gat Therapeutics S.L.  | 04/03/2020 | 3934631 | 20707277.8 |        |
| 3934789 | Parker-Hannifin Corporation                                    | 05/03/2020 | 3934789 | 20770189.7 |        |
| 3935119 | Henkel AG & Co. KGaA   | 02/03/2020 | 3935119 | 20706353.8 |        |
| 3935571 | Bundesdruckerei GmbH   | 06/03/2020 | 3935571 | 20716167.0 | German |
| 3935702 | Cisco Technology, Inc.   | 28/02/2020 | 3935702 | 20715574.8 |        |
| 3937189 | Korea Hydro & Nuclear Power Co., Ltd                           | 05/03/2020 | 3937189 | 20769808.5 |        |
| 3937725 | Oelschläger Metalltechnik GmbH                                 | 19/05/2020 | 3937725 | 20729619.5 | German |
| 3938409 | Hilti Aktiengesellschaft                                       | 04/03/2020 | 3938409 | 20706772.9 | German |
| 3938852 | Mitsubishi Electric Corporation                                | 11/12/2019 | 3938852 | 19842894.8 |        |
| 3940736 | OMRON CORPORATION  | 19/02/2020 | 3940736 | 20774696.7 |        |
| 3941172 | TE Connectivity Germany GmbH<br>TE Connectivity Solutions GmbH | 16/07/2020 | 3941172 | 20186153.1 |        |
| 3941733 | W.H. Leary Co  | 16/03/2020 | 3941733 | 20774582.9 |        |
| 3941803 | Stellantis Auto SAS  | 10/02/2020 | 3941803 | 20707730.6 | French |
| 3941856 | Cryovac, LLC   | 17/03/2020 | 3941856 | 20711589.0 |        |
| 3942106 | YMIR Technologies ehf.   | 20/03/2020 | 3942106 | 20721826.4 |        |
| 3942363 | Raytheon Company   | 17/03/2020 | 3942363 | 20718955.6 |        |
| 3943366 | LG Electronics Inc.  | 19/03/2019 | 3943366 | 19920565.9 |        |
| 3944000 | Shenzhen Guangjian Technology Co.,<br>Ltd.                     | 16/03/2020 | 3944000 | 20773373.4 |        |
| 3944900 | Intradin (Shanghai) Machinery Co., Ltd.                        | 31/08/2020 | 3944900 | 20193598.8 |        |
| 3944995 | Sumitomo Rubber Industries, Ltd.                               | 30/07/2020 | 3944995 | 20188671.0 |        |
| 3945884 | KT & G Corporation   | 08/02/2021 | 3945884 | 21722364.3 |        |
| 3945916 | Coco Worldwide Ltd   | 25/03/2020 | 3945916 | 20726888.9 |        |
| 3946763 | Prodose<br>Boukari, Morou                                      | 02/04/2020 | 3946763 | 20724892.3 | French |
| 3947315 | Vinci Construction   | 26/03/2020 | 3947315 | 20712613.7 | French |
| 3947929 | TVS Motor Company Limited                                      | 04/04/2020 | 3947929 | 20782141.4 |        |
| 3948000 | Sew-Eurodrive GmbH & Co. KG                                    | 05/03/2020 | 3948000 | 20711048.7 | German |
| 3948029 | Renault s.a.s  | 21/02/2020 | 3948029 | 20706707.5 | French |
| 3949540 | Apple Inc.   | 27/03/2020 | 3949540 | 20719902.7 |        |

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|---------|--|------------|---------|------------|--------|
| 3949575 | FG Innovation Company Limited  | 01/04/2020 | 3949575 | 20782502.7 |        |
| 3950250 | NISSAN MOTOR Co., Ltd.<br>Renault s.a.s  | 26/03/2019 | 3950250 | 19920654.1 |        |
| 3950453 | NISSAN MOTOR Co., Ltd.<br>Renault s.a.s  | 27/03/2019 | 3950453 | 19921871.0 |        |
| 3950477 | Yamaha Hatsudoki Kabushiki Kaisha  | 17/02/2020 | 3950477 | 20794241.8 |        |
| 3950775 | Mitsubishi Chemical Corporation  | 04/03/2020 | 3950775 | 20778180.8 |        |
| 3950994 | NIPPON STEEL CORPORATION   | 16/03/2020 | 3950994 | 20776758.3 |        |
| 3951765 | BOE Technology Group Co., Ltd.   | 25/03/2019 | 3951765 | 19861299.6 |        |
| 3952099 | Schneider Toshiba Inverter Europe SAS  | 06/08/2020 | 3952099 | 20305905.0 |        |
| 3953151 | Northrop Grumman Systems<br>Corporation  | 27/03/2020 | 3953151 | 20720287.0 |        |
| 3953264 | SACMI Cooperativa Meccanici Imola<br>Società Cooperativa   | 27/07/2020 | 3953264 | 20764151.5 |        |
| 3954109 | Tunstall Integrated Health & Care<br>Limited   | 26/03/2020 | 3954109 | 20716551.5 |        |
| 3956559 | IFP Energies nouvelles<br>Centre National de la Recherche<br>Scientifique<br>Université Grenoble Alpes<br>Institut Polytechnique de Grenoble | 27/03/2020 | 3956559 | 20713653.2 | French |
| 3957129 | Landis+Gyr Technology, Inc.  | 29/05/2020 | 3957129 | 20746397.7 |        |
| 3959756 | Hapsmobile Inc.  | 24/04/2020 | 3959756 | 20794545.2 |        |
| 3959938 | Telefonaktiebolaget LM Ericsson (publ)   | 21/04/2020 | 3959938 | 20723295.0 |        |
| 3960683 | KONE Corporation   | 31/08/2020 | 3960683 | 20193539.2 |        |
| 3961336 | Siemens Aktiengesellschaft   | 31/08/2020 | 3961336 | 20193666.3 |        |
| 3962317 | Walsh, Timothy<br>Fedkin, Kostyantyn   | 30/04/2020 | 3962317 | 20727076.0 |        |
| 3964022 | TELEFONAKTIEBOLAGET LM<br>ERICSSON (PUBL)  | 04/05/2020 | 3964022 | 20726978.8 |        |
| 3965834 | ChemCom S.A.   | 06/05/2019 | 3965834 | 19719760.1 |        |
| 3967435 | MAYEKAWA MFG. CO., LTD.  | 11/06/2019 | 3967435 | 19933030.9 |        |
| 3967446 | MAYEKAWA MFG. CO., LTD.  | 11/06/2019 | 3967446 | 19932286.8 |        |
| 3968113 | Vivent SA  | 11/09/2020 | 3968113 | 20195796.6 |        |
| 3969409 | NV Bekaert SA  | 26/03/2020 | 3969409 | 20712607.9 |        |
| 3969799 | Winn & Coales International Limited  | 14/05/2020 | 3969799 | 20726381.5 |        |
| 3969926 | Signify Holding B.V.   | 12/05/2020 | 3969926 | 20723890.8 |        |

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| 3972886 | thyssenkrupp Presta AG<br>thyssenkrupp AG  | 18/05/2020 | 3972886 | 20727221.2 | German |
| 3973236 | SAFRAN   | 11/05/2020 | 3973236 | 20740694.3 | French |
| 3973256 | HOASYS   | 19/05/2020 | 3973256 | 20725583.7 | French |
| 3973447 | SIGNATURE ROBOT LTD  | 17/06/2020 | 3973447 | 20743588.4 |        |
| 3973613 | Robert Bosch GmbH  | 29/04/2020 | 3973613 | 20723098.8 | German |
| 3973809 | Brogent Technologies Inc.  | 28/09/2020 | 3973809 | 20198817.7 |        |
| 3975251 | Changxin Memory Technologies, Inc.   | 12/04/2021 | 3975251 | 21797030.0 |        |
| 3975836 | Koninklijke Philips N.V.   | 19/05/2020 | 3975836 | 20726819.4 |        |
| 3976133 | Fresenius Medical Care Holdings, Inc.  | 03/08/2020 | 3976133 | 20757777.6 |        |
| 3976411 | VOLKSWAGEN<br>AKTIENGESELLSCHAFT   | 09/04/2020 | 3976411 | 20720758.0 | German |
| 3977048 | John Bean Technologies Corporation   | 28/05/2020 | 3977048 | 20760962.9 |        |
| 3977631 | Huawei Technologies Co. Ltd.   | 31/12/2019 | 3977631 | 19845894.5 |        |
| 3977861 | Fedoruk, Aleksandr   | 05/10/2020 | 3977861 | 20200109.5 |        |
| 3979022 | MITSUBISHI ELECTRIC<br>CORPORATION   | 03/06/2019 | 3979022 | 19931658.9 |        |
| 3979636 | Imec VZW   | 30/09/2020 | 3979636 | 20199133.8 |        |
| 3980235 | System Ceramics S.p.A.   | 05/06/2020 | 3980235 | 20736422.5 |        |
| 3980668 | IMS Gear SE & Co. KGaA   | 04/06/2020 | 3980668 | 20731821.3 | German |
| 3980716 | Wärtsilä Gas Solutions Norway AS   | 04/06/2019 | 3980716 | 19730392.8 |        |
| 3980770 | MOOW.FARM KFT.   | 03/06/2020 | 3980770 | 20743214.7 |        |
| 3981373 | Baxter Medical Systems GmbH + Co.<br>KG  | 07/10/2020 | 3981373 | 20200574.0 |        |
| 3983304 | ALPLA Werke Alwin Lehner GmbH &<br>Co. KG  | 17/06/2020 | 3983304 | 20733740.3 | German |
| 3983761 | Endress+Hauser SE+Co. KG   | 06/05/2020 | 3983761 | 20723858.5 | German |
| 3983797 | DeLaval Holding AB   | 09/06/2020 | 3983797 | 20758362.6 |        |
| 3984041 | Universite d'Aix Marseille<br>Centre National de la Recherche<br>Scientifique<br>Etat Francais Represente par le<br>Ministere de l'Interieur | 17/06/2020 | 3984041 | 20736921.6 |        |
| 3985672 | Changxin Memory Technologies, Inc.   | 02/06/2021 | 3985672 | 21773442.5 |        |
| 3986862 | Abliva AB  | 18/06/2020 | 3986862 | 20734337.7 |        |
| 3986902 | Janssen Pharmaceutica NV   | 18/06/2020 | 3986902 | 20734336.9 |        |
| 3987389 | Oracle International Corporation   | 07/05/2020 | 3987389 | 20727892.0 |        |



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| 3988037 | Ostium Group                                      | 20/10/2020 | 3988037 | 20306248.4 |        |
| 3993178 | TE Connectivity Industrial GmbH                   | 27/10/2020 | 3993178 | 20204127.3 |        |
| 3993366 | BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD. | 15/02/2022 | 3993366 | 22156714.2 |        |
| 3993658 | Philip Morris Products S.A.                       | 03/07/2020 | 3993658 | 20735007.5 |        |
| 3993691 | Ontex BV<br>Ontex Group NV                        | 26/06/2020 | 3993691 | 20734546.3 |        |
| 3994134 | Merck Patent GmbH                                 | 30/06/2020 | 3994134 | 20734955.6 |        |
| 3994444 | BASF SE   | 24/06/2020 | 3994444 | 20733648.8 | German |
| 3996801 | Cambridge Enterprise Limited                      | 13/07/2020 | 3996801 | 20742411.0 |        |
| 3997049 | SASOL Germany GmbH                                | 10/07/2020 | 3997049 | 20736747.5 |        |
| 3997545 | Chameleon Smart Home Nyrt.                        | 13/07/2020 | 3997545 | 20780786.8 |        |
| 3997807 | QUALCOMM Incorporated                             | 10/07/2020 | 3997807 | 20750554.6 |        |
| 3998145 | Mitsubishi Heavy Industries, Ltd.                 | 14/11/2019 | 3998145 | 19952452.1 |        |
| 3998544 | Google LLC  | 25/04/2018 | 3998544 | 22150700.7 |        |
| 3998631 | Changxin Memory Technologies, Inc.                | 15/06/2021 | 3998631 | 21769621.0 |        |
| 3999152 | Juul Labs, Inc.                                   | 17/07/2020 | 3999152 | 20754428.9 |        |
| 3999285 | ABB SCHWEIZ AG                                    | 17/07/2019 | 3999285 | 19937842.3 |        |
| 4001339 | Henkel AG & Co. KGaA                              | 16/11/2020 | 4001339 | 20207707.9 |        |
| 4001992 | MB-Technics GmbH                                  | 19/11/2020 | 4001992 | 20208775.5 | German |
| 4005351 | Appleton Grp LLC                                  | 21/08/2020 | 4005351 | 20765435.1 |        |
| 4005501 | Shanghai Shape Memory Alloy Co., Ltd.             | 23/04/2021 | 4005501 | 21825366.4 |        |
| 4005917 | Kawasaki Jukogyo Kabushiki Kaisha                 | 13/09/2012 | 4005917 | 22151778.2 |        |
| 4007466 | Baidu USA LLC                                     | 24/03/2022 | 4007466 | 22164021.2 |        |
| 4007830 | Orteco - S.r.l.                                   | 29/07/2020 | 4007830 | 20760540.3 |        |
| 4008433 | F. Hoffmann-La Roche AG                           | 03/12/2020 | 4008433 | 20383055.9 |        |
| 4010940 | Bayerische Motoren Werke Aktiengesellschaft       | 06/07/2020 | 4010940 | 20737004.0 | German |
| 4012496 | Axis AB   | 11/12/2020 | 4012496 | 20213447.4 |        |
| 4012932 | OMRON Corporation                                 | 07/08/2019 | 4012932 | 19940474.0 |        |
| 4013819 | Synthomer Deutschland GmbH                        | 10/08/2020 | 4013819 | 20756804.9 |        |
| 4014210 | Giesecke+Devrient Currency Technology GmbH        | 07/08/2020 | 4014210 | 20753873.7 | German |
| 4014299 | Microsoft Technology Licensing, LLC               | 19/06/2020 | 4014299 | 20739521.1 |        |
| 4014753 | Sidel Participations                              | 21/12/2020 | 4014753 | 20215919.0 |        |
| 4014922 | Ivoclar Vivadent AG                               | 16/12/2020 | 4014922 | 20214669.2 | German |

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| 4015787 | C.R.F. Società Consortile per Azioni                       | 17/12/2020 | 4015787 | 20214913.4 |        |
| 4017844 | AC BioScience SA   | 20/08/2020 | 4017844 | 20760829.0 |        |
| 4017925 | Dow Silicones Corporation                                  | 22/08/2019 | 4017925 | 19942034.0 |        |
| 4018641 | Google LLC   | 19/08/2019 | 4018641 | 19763137.7 |        |
| 4018706 | Telefonaktiebolaget LM Ericsson (publ)                     | 23/08/2019 | 4018706 | 19783110.0 |        |
| 4019138 | F. Hoffmann-La Roche AG                                    | 22/12/2020 | 4019138 | 20216382.0 |        |
| 4020373 | RIEGL Laser Measurement Systems<br>GmbH                    | 22/12/2020 | 4020373 | 20216618.7 | German |
| 4020636 | DIC Corporation  | 27/11/2018 | 4020636 | 22156861.1 |        |
| 4020780 | Ventspils Augstskola<br>Latvo AS                           | 22/12/2020 | 4020780 | 20216594.0 |        |
| 4020857 | GUANGDONG OPPO MOBILE<br>TELECOMMUNICATIONS CORP.,<br>LTD. | 03/12/2019 | 4020857 | 19955391.8 |        |
| 4021621 | BASF SE  | 28/08/2020 | 4021621 | 20760881.1 | German |
| 4022192 | Robert Bosch GmbH  | 12/06/2020 | 4022192 | 20732586.1 | German |
| 4022409 | ABB SCHWEIZ AG   | 28/08/2019 | 4022409 | 19942684.2 |        |
| 4022689 | ECOLE POLYTECHNIQUE<br>FEDERALE DE LAUSANNE (EPFL)         | 28/08/2020 | 4022689 | 20781067.2 |        |
| 4023539 | Robert Bosch GmbH  | 21/07/2020 | 4023539 | 20764144.0 |        |
| 4024352 | BEIJING BAIDU NETCOM SCIENCE<br>TECHNOLOGY CO., LTD.       | 21/04/2022 | 4024352 | 22169131.4 |        |
| 4025369 | Audi AG  | 17/07/2020 | 4025369 | 20743651.0 | German |
| 4026127 | Silicon Storage Technology, Inc.                           | 11/03/2020 | 4026127 | 20718021.7 |        |
| 4026717 | NISSAN MOTOR Co., Ltd.                                     | 02/09/2019 | 4026717 | 19943856.5 |        |
| 4027540 | Huawei Technologies Co., Ltd.                              | 31/10/2019 | 4027540 | 19951001.7 |        |
| 4027738 | Huawei Technologies Co., Ltd.                              | 29/09/2019 | 4027738 | 19946750.7 |        |
| 4027878 | Arthrex, Inc.  | 11/09/2020 | 4027878 | 20780499.8 |        |
| 4027885 | Becton, Dickinson and Company                              | 20/08/2020 | 4027885 | 20767657.8 |        |
| 4027936 | STEGER, Heinrich   | 10/09/2020 | 4027936 | 20771540.0 | German |
| 4028021 | Nuamid SA  | 08/09/2020 | 4028021 | 20765054.0 | French |
| 4028289 | VOLKSWAGEN<br>AKTIENGESELLSCHAFT                           | 20/08/2020 | 4028289 | 20760832.4 | German |
| 4031427 | Renault S.A.S.<br>NISSAN MOTOR Co., Ltd.                   | 03/09/2020 | 4031427 | 20764394.1 | French |
| 4031608 | Nike Innovate C.V.   | 11/09/2020 | 4031608 | 20781176.1 |        |
| 4032504 | Edwards Lifesciences CardiAQ LLC                           | 26/08/2016 | 4032504 | 22161647.7 |        |

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| 4033303 | CANON KABUSHIKI KAISHA                                    | 14/11/2017 | 4033303 | 22156821.5 |        |
| 4033661 | Changxin Memory Technologies, Inc.                        | 24/05/2021 | 4033661 | 21773264.3 |        |
| 4035631 | Edwards Lifesciences Corporation                          | 01/08/2017 | 4035631 | 22162530.4 |        |
| 4035828 | DGSHAPE Corporation                                       | 26/01/2022 | 4035828 | 22153433.2 |        |
| 4035983 | Hammer, Uwe   | 31/01/2022 | 4035983 | 22154219.4 | German |
| 4036447 | SOMA GmbH & Co. KG  | 28/01/2021 | 4036447 | 21154084.4 | German |
| 4036614 | VAISALA OYJ   | 28/01/2021 | 4036614 | 21154145.3 |        |
| 4037981 | ALPLA Werke Alwin Lehner GmbH & Co. KG                    | 23/09/2020 | 4037981 | 20772352.9 | German |
| 4038644 | Málek, Jirí   | 27/05/2020 | 4038644 | 20743577.7 |        |
| 4039259 | Orca Biosystems, Inc.                                     | 15/03/2018 | 4039259 | 22152975.3 |        |
| 4039399 | Nasarc Technologies Inc.                                  | 03/07/2015 | 4039399 | 22153900.0 |        |
| 4041578 | Audi AG   | 22/09/2020 | 4041578 | 20780132.5 | German |
| 4042085 | Aquatech S.r.l.   | 09/10/2019 | 4042085 | 19808881.7 |        |
| 4043083 | Hydac Filtrertechnik GmbH                                 | 31/01/2022 | 4043083 | 22154321.8 | German |
| 4044187 | Changxin Memory Technologies, Inc.                        | 13/07/2021 | 4044187 | 21870566.3 |        |
| 4045597 | Clariant International Ltd                                | 05/10/2020 | 4045597 | 20781378.3 | German |
| 4046881 | Ford Otomotiv Sanayi Anonim Sirketi                       | 11/02/2022 | 4046881 | 22156437.0 |        |
| 4047841 | Apollo Intelligent Driving Technology (Beijing) Co., Ltd. | 26/03/2020 | 4047841 | 22168251.1 |        |
| 4049873 | ContiTech Vibration Control GmbH                          | 18/02/2022 | 4049873 | 22157569.9 | French |
| 4050754 | Honor Device Co., Ltd.                                    | 17/09/2021 | 4050754 | 21890369.8 |        |
| 4050902 | Juniper Networks, Inc.                                    | 08/02/2022 | 4050902 | 22155676.4 |        |
| 4051371 | BIOTRONIK SE & Co. KG                                     | 23/10/2020 | 4051371 | 20793382.1 |        |
| 4051917 | Miba Industrial Bearings Germany Osterode GmbH            | 14/10/2020 | 4051917 | 20792971.2 | German |
| 4053242 | Daikin Industries, Ltd.                                   | 24/12/2019 | 4053242 | 22162952.0 |        |
| 4054706 | Novocure GmbH   | 30/03/2021 | 4054706 | 21715979.7 |        |
| 4056025 | Deere & Company   | 25/02/2022 | 4056025 | 22158685.2 |        |
| 4056882 | PRATT & WHITNEY CANADA CORP.                              | 09/03/2022 | 4056882 | 22161019.9 |        |
| 4059337 | CNH Industrial Belgium NV                                 | 11/03/2022 | 4059337 | 22161731.9 |        |
| 4059867 | Sonoco Development, Inc.                                  | 08/09/2020 | 4059867 | 22171659.0 |        |
| 4059996 | Nokian Renkaat Oyj  | 01/03/2022 | 4059996 | 22159331.2 |        |
| 4060152 | MACO Technologie GmbH                                     | 09/03/2022 | 4060152 | 22161094.2 | German |
| 4060187 | Nordex Energy SE & Co. KG                                 | 16/03/2022 | 4060187 | 22162507.2 | German |
| 4060580 | Societe Renz Sarl   | 10/03/2022 | 4060580 | 22161357.3 | French |

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| 4062231 | EV Group E. Thallner GmbH           | 19/11/2019 | 4062231 | 19809023.5 | German |
| 4063101 | Krones AG                           | 12/04/2018 | 4063101 | 22174188.7 | German |
| 4063921 | Dexerials Corporation               | 23/03/2022 | 4063921 | 22163799.4 |        |
| 4064316 | Schneider Electric Industries SAS   | 25/03/2022 | 4064316 | 22164262.2 | French |
| 4065304 | FRONIUS INTERNATIONAL GmbH          | 28/04/2021 | 4065304 | 21721531.8 | German |
| 4065390 | Continental Reifen Deutschland GmbH | 13/10/2020 | 4065390 | 20792370.7 | German |
| 4065394 | SAF-HOLLAND GmbH                    | 11/02/2021 | 4065394 | 21704782.8 | German |
| 4066622 | Kuhn SAS                            | 22/03/2022 | 4066622 | 22163442.1 | French |
| 4066813 | Roelmi HPC S.r.l                    | 31/03/2022 | 4066813 | 22166067.3 |        |
| 4067114 | Sumitomo Rubber Industries, Ltd.    | 26/01/2022 | 4067114 | 22153428.2 |        |
| 4067685 | Nabtesco Corporation                | 02/02/2022 | 4067685 | 22154740.9 |        |
| 4069624 | Siemens Aktiengesellschaft          | 29/04/2021 | 4069624 | 21723682.7 |        |
| 4070383 | Microsoft Technology Licensing LLC  | 05/12/2019 | 4070383 | 19817246.2 |        |
| 4070967 | Nokian Renkaat Oyj                  | 07/04/2021 | 4070967 | 21397506.3 |        |
| 4071928 | Honor Device Co., Ltd.              | 18/02/2021 | 4071928 | 21761298.5 |        |
| 4072532 | Evonik Operations GmbH              | 17/09/2020 | 4072532 | 20774964.9 |        |
| 4072935 | Volvo Penta Corporation             | 10/12/2019 | 4072935 | 19829430.8 |        |
| 4073632 | XMOS Ltd                            | 12/10/2020 | 4073632 | 20792344.2 |        |
| 4074383 | Zedel                               | 17/03/2022 | 4074383 | 22162827.4 | French |
| 4074395 | Hemanext Inc.                       | 10/08/2012 | 4074395 | 22165200.1 |        |
| 4074478 | Rohrer Tools AG                     | 08/03/2022 | 4074478 | 22160637.9 | German |
| 4074528 | ALSTOM Holdings                     | 11/04/2022 | 4074528 | 22167566.3 | French |
| 4075256 | Zhuhai Pantum Electronics Co., Ltd. | 25/03/2022 | 4075256 | 22164250.7 |        |
| 4079538 | Continental Reifen Deutschland GmbH | 23/03/2022 | 4079538 | 22163871.1 | German |
| 4079564 | TOYOTA JIDOSHA KABUSHIKI<br>KAISHA  | 12/04/2022 | 4079564 | 22167766.9 |        |
| 4079615 | Stashed Products Ltd                | 01/03/2022 | 4079615 | 22159550.7 |        |
| 4080053 | Chou, Wen-San<br>Chou, Cheng-Hsien  | 31/03/2022 | 4080053 | 22166218.2 |        |
| 4080102 | Pilz GmbH & Co. KG                  | 14/04/2022 | 4080102 | 22168353.5 | German |
| 4082068 | ArcelorMittal                       | 24/12/2019 | 4082068 | 19842887.2 |        |
| 4082352 | Selmi S.r.l.                        | 20/04/2022 | 4082352 | 22168992.0 |        |
| 4082727 | SMC Corporation                     | 13/04/2022 | 4082727 | 22168070.5 |        |
| 4083320 | Stephanides, Johannes               | 20/04/2022 | 4083320 | 22168985.4 | German |
| 4085256 | Immundiagnostik AG                  | 27/01/2021 | 4085256 | 21702612.9 |        |
| 4087062 | MD Elektronik GmbH                  | 28/03/2022 | 4087062 | 22164619.3 | German |
| 4088008 | SAFRAN AIRCRAFT ENGINES             | 11/02/2021 | 4088008 | 21709080.2 | French |

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| 4088967 | McLaren Automotive Limited                     | 13/05/2022 | 4088967 | 22173381.9 |        |
| 4089031 | VKR Holding A/S                                | 12/05/2022 | 4089031 | 22172945.2 |        |
| 4089034 | VKR Holding A/S                                | 12/05/2022 | 4089034 | 22172944.5 |        |
| 4089381 | Murata Manufacturing Co., Ltd.                 | 01/02/2021 | 4089381 | 21779344.7 |        |
| 4092822 | Yazaki Corporation                             | 26/04/2022 | 4092822 | 22169993.7 |        |
| 4093295 | Devicor Medical Products, Inc.                 | 03/03/2021 | 4093295 | 21714497.1 |        |
| 4095797 | Augmedics Inc.                                 | 08/11/2018 | 4095797 | 22166605.0 |        |
| 4096523 | Medica Instrumentae Limited                    | 08/03/2021 | 4096523 | 21711344.8 |        |
| 4096628 | MetrioPharm AG                                 | 29/01/2021 | 4096628 | 21705878.3 |        |
| 4096827 | Ustav hematologie a Krevni Transfuze<br>Praha  | 28/01/2021 | 4096827 | 21703591.4 |        |
| 4096909 | Harburg-Freudenberger Maschinenbau<br>GmbH     | 12/01/2021 | 4096909 | 21701642.7 | German |
| 4096970 | Skoda Auto A.S.                                | 27/01/2021 | 4096970 | 21708551.3 | German |
| 4097093 | Teva Pharmaceuticals International<br>GmbH     | 28/01/2021 | 4097093 | 21706792.5 |        |
| 4097302 | Impero, Pasquale                               | 27/01/2021 | 4097302 | 21708362.5 |        |
| 4097384 | Hydrotechnik GmbH                              | 28/01/2021 | 4097384 | 21702462.9 | German |
| 4097393 | Skoda Auto A.S.                                | 27/01/2021 | 4097393 | 21708107.4 | German |
| 4097696 | ARHUB S.A.                                     | 14/10/2021 | 4097696 | 21791370.6 |        |
| 4098135 | Nicoventures Trading Limited                   | 11/09/2017 | 4098135 | 22184994.6 |        |
| 4098346 | Hydac Filtertechnik GmbH                       | 06/09/2018 | 4098346 | 22181717.4 | German |
| 4098484 | Yamaha Hatsudoki Kabushiki Kaisha              | 25/05/2022 | 4098484 | 22175380.9 |        |
| 4098492 | Catelsa-Caceres SAU                            | 02/06/2021 | 4098492 | 21382491.5 | French |
| 4098541 | CCCC First Harbor Engineering Co.,<br>Ltd.     | 28/12/2021 | 4098541 | 21909601.3 |        |
| 4098966 | Stiebel Eltron GmbH & Co. KG                   | 14/04/2022 | 4098966 | 22168363.4 | German |
| 4098979 | KNORR-BREMSE Systeme für<br>Nutzfahrzeuge GmbH | 20/05/2022 | 4098979 | 22174595.3 | German |
| 4099152 | Oracle International Corporation               | 28/07/2016 | 4099152 | 22168051.5 |        |
| 4099153 | Oracle International Corporation               | 28/07/2016 | 4099153 | 22168052.3 |        |
| 4099288 | Honeywell International Inc.                   | 01/06/2022 | 4099288 | 22176853.4 |        |
| 4101317 | Shaheen Innovations Holding Limited            | 15/12/2020 | 4101317 | 22181106.0 |        |
| 4101709 | VOLKSWAGEN AG                                  | 10/05/2022 | 4101709 | 22172523.7 | German |
| 4102089 | Mitsubishi Cable Industries, Ltd.              | 03/06/2022 | 4102089 | 22177284.1 |        |
| 4102237 | GEOTAB Inc.                                    | 01/06/2022 | 4102237 | 22176815.3 |        |
| 4102238 | GEOTAB Inc.                                    | 01/06/2022 | 4102238 | 22176831.0 |        |

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| 4102311 | Tata Consultancy Services Limited   | 13/05/2022 | 4102311 | 22173146.6 |        |
| 4102329 | JOST-Werke Deutschland GmbH   | 09/06/2022 | 4102329 | 22020269.1 | German |
| 4103028 | Gastrofrit AG   | 15/02/2021 | 4103028 | 21710573.3 | German |
| 4103456 | Stellantis Auto SAS   | 25/01/2021 | 4103456 | 21708268.4 | French |
| 4103569 | Dow Global Technologies LLC<br>Dow Silicones Corporation<br>Rohm and Haas Company                         | 10/02/2021 | 4103569 | 21714283.5 |        |
| 4103847 | SAFRAN AIRCRAFT ENGINES   | 01/02/2021 | 4103847 | 21707330.3 | French |
| 4103983 | Eastman Chemical Company  | 10/02/2021 | 4103983 | 21709838.3 |        |
| 4104278 | Lappeenrantaan-Lahden teknillinen<br>yliopisto LUT  | 08/01/2021 | 4104278 | 21703305.9 |        |
| 4104284 | Siemens Aktiengesellschaft  | 05/03/2021 | 4104284 | 21711793.6 |        |
| 4105477 | VESTAS WIND SYSTEMS A/S   | 14/06/2022 | 4105477 | 22178963.9 |        |
| 4106121 | Schneider Electric Industries SAS   | 13/06/2022 | 4106121 | 22178611.4 | French |
| 4106705 | Costruzioni Strumenti Oftalmici C.S.O.<br>S.r.l.  | 16/02/2021 | 4106705 | 21706402.1 |        |
| 4107059 | Leonardo S.p.A.   | 19/02/2021 | 4107059 | 21715673.6 |        |
| 4107494 | Endress+Hauser SE+Co. KG  | 28/01/2021 | 4107494 | 21702473.6 | German |
| 4108115 | ASICS Corporation   | 17/06/2022 | 4108115 | 22179516.4 |        |
| 4108417 | SEGULA ENGINEERING<br>Université Claude Bernard Lyon 1<br>Centre national de la recherche<br>scientifique | 21/06/2022 | 4108417 | 22180032.9 | French |
| 4109053 | Yokogawa Electric Corporation   | 24/06/2022 | 4109053 | 22181069.0 |        |
| 4109690 | Müller-Otto, Jens<br>Bauerlein, Florian   | 15/06/2022 | 4109690 | 22179098.3 | German |
| 4109851 | Siemens Healthcare GmbH   | 16/05/2022 | 4109851 | 22173588.9 | German |
| 4110846 | Sika Technology AG  | 22/02/2021 | 4110846 | 21705989.8 | German |
| 4110875 | Ink Invent IP B.V.  | 24/02/2021 | 4110875 | 21715484.8 |        |
| 4112342 | Tesio Cooling Systems S.p.A.  | 28/06/2022 | 4112342 | 22181485.8 |        |
| 4112497 | B.T.E. S.p.A.   | 27/06/2022 | 4112497 | 22181321.5 |        |
| 4113302 | Guardknox Cyber Technologies Ltd.   | 05/01/2018 | 4113302 | 22190637.3 |        |
| 4113851 | Semtech Corporation   | 01/07/2022 | 4113851 | 22182586.2 |        |
| 4114638 | S.I.P.A. Società Industrializzazione<br>Progettazione e Automazione S.p.A.                                | 02/03/2021 | 4114638 | 21714380.9 |        |
| 4114691 | Robert Bosch GmbH<br>Audi AG  | 03/03/2021 | 4114691 | 21711485.9 | German |

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| 4114714 | VOLVO TRUCK CORPORATION                          | 11/02/2021 | 4114714 | 21704781.0 |        |
| 4115853 | enVVenno Medical Corporation                     | 15/11/2017 | 4115853 | 22192496.2 |        |
| 4116114 | AGCO International GmbH                          | 01/07/2022 | 4116114 | 22182581.3 |        |
| 4117002 | Schneider Electric Industries SAS                | 08/07/2022 | 4117002 | 22183747.9 | French |
| 4117029 | Changxin Memory Technologies, Inc.               | 24/09/2021 | 4117029 | 21870475.7 |        |
| 4117488 | Steelcase Inc.                                   | 12/03/2020 | 4117488 | 20711143.6 | French |
| 4117835 | Fives DMS  | 09/03/2021 | 4117835 | 21717140.4 | French |
| 4118153 | Pfinder KG                                       | 14/04/2021 | 4118153 | 21719122.0 | German |
| 4118697 | Merck Patent GmbH                                | 12/03/2021 | 4118697 | 21711556.7 |        |
| 4119468 | Zöller-Kipper GmbH                               | 20/06/2022 | 4119468 | 22179898.6 | German |
| 4121501 | Chevron Japan Ltd.                               | 12/03/2021 | 4121501 | 21712578.0 |        |
| 4122122 | QUALCOMM Incorporated                            | 19/03/2021 | 4122122 | 21718370.6 |        |
| 4122593 | Ziembra, Georg                                   | 18/07/2022 | 4122593 | 22185535.6 | German |
| 4124545 | JTEKT CORPORATION                                | 27/07/2022 | 4124545 | 22187193.2 |        |
|         | TOYOTA JIDOSHA KABUSHIKI                         |            |         |            |        |
|         | KAISHA   |            |         |            |        |
| 4124692 | Cavalié Maçonnerie                               | 06/07/2022 | 4124692 | 22183445.0 | French |
| 4124718 | Palagina S.r.l.                                  | 26/07/2022 | 4124718 | 22186915.9 |        |
| 4124819 | Cordivari S.r.l.                                 | 26/07/2022 | 4124819 | 22186920.9 |        |
| 4125582 | Osler Diagnostics Limited                        | 30/03/2021 | 4125582 | 21716998.6 |        |
| 4126580 | Speciaal Machinefabriek Ketels v.o.f.            | 25/03/2021 | 4126580 | 21717330.1 | German |
| 4126621 | Mercedes-Benz Group AG                           | 02/06/2022 | 4126621 | 22731633.8 | German |
| 4126751 | Société des Produits Nestlé S.A.                 | 23/03/2021 | 4126751 | 21713026.9 |        |
| 4127500 | ZF Friedrichshafen AG                            | 10/03/2021 | 4127500 | 21711836.3 | German |
| 4129738 | Robert Bosch GmbH                                | 16/03/2021 | 4129738 | 21715972.2 |        |
| 4132698 | Velocys Technologies Limited                     | 09/04/2021 | 4132698 | 21723062.2 |        |
| 4132916 | Bayer Aktiengesellschaft                         | 01/04/2021 | 4132916 | 21715292.5 | German |
| 4132917 | Bayer Aktiengesellschaft                         | 01/04/2021 | 4132917 | 21715645.4 | German |
| 4133039 | ExxonMobil Technology and<br>Engineering Company | 16/03/2021 | 4133039 | 21715767.6 |        |
| 4133152 | Kiekert AG                                       | 12/03/2021 | 4133152 | 21718180.9 | German |
| 4133279 | Medicortex Finland Oy                            | 10/02/2021 | 4133279 | 21710020.5 |        |
| 4133590 | Nexans   | 01/04/2021 | 4133590 | 21722273.6 | French |
| 4134250 | Sumitomo Rubber Industries, Ltd.                 | 28/07/2022 | 4134250 | 22187379.7 |        |
| 4134635 | SICK AG  | 15/07/2022 | 4134635 | 22185189.2 | German |
| 4135808 | Smiths Medical International Limited             | 19/03/2021 | 4135808 | 21717158.6 |        |
| 4136541 | Microsoft Technology Licensing, LLC              | 17/02/2021 | 4136541 | 21711126.9 |        |

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| 4136693 | AUDI AG                                      | 14/10/2021 | 4136693 | 21794506.2 | German |
| 4137720 | SodaStream Industries Ltd.                   | 01/01/2020 | 4137720 | 22195687.3 |        |
| 4139129 | EV Group E. Thallner GmbH                    | 20/04/2020 | 4139129 | 20720808.3 | German |
| 4140863 | Hebie GmbH & Co. KG                          | 26/08/2022 | 4140863 | 22192495.4 | German |
| 4142501 | International N&H Denmark ApS                | 29/04/2021 | 4142501 | 21721929.4 |        |
| 4142991 | Lamiflex Group AB                            | 30/04/2021 | 4142991 | 21724214.8 |        |
| 4143385 | Jansen, Thomas                               | 30/04/2021 | 4143385 | 21727086.7 | German |
| 4143419 | TOTALENERGIES ONETECH                        | 28/04/2020 | 4143419 | 20733003.6 |        |
| 4143451 | SpinDrive Oy                                 | 01/04/2021 | 4143451 | 21720797.6 |        |
| 4143588 | ZKW Group GmbH                               | 29/04/2021 | 4143588 | 21720794.3 | German |
| 4143937 | ZKW Group GmbH                               | 17/03/2021 | 4143937 | 21711593.0 | German |
| 4146076 | ZeaVision, LLC                               | 17/06/2021 | 4146076 | 21740363.3 |        |
| 4146756 | AGFA NV                                      | 26/04/2021 | 4146756 | 21720762.0 |        |
| 4147417 | Ecogreen Soft Sprl                           | 06/05/2021 | 4147417 | 21722914.5 | French |
| 4148209 | SCHÜCO International KG                      | 25/08/2022 | 4148209 | 22192055.6 | German |
| 4148286 | Sagemcom Broadband SAS                       | 02/09/2022 | 4148286 | 22193646.1 | French |
| 4150159 | EFACEC ENGENHARIA E<br>SISTEMAS, S.A.        | 12/05/2021 | 4150159 | 21728297.9 |        |
| 4150692 | Audi AG                                      | 17/06/2021 | 4150692 | 21739261.2 | German |
| 4151334 | OBER S.p.A.                                  | 12/09/2022 | 4151334 | 22195137.9 |        |
| 4151400 | GIRNET INTERNACIONAL, S.L.                   | 15/09/2021 | 4151400 | 21382831.2 |        |
| 4154249 | Dolby International AB                       | 18/05/2021 | 4154249 | 21725222.0 |        |
| 4154997 | Alps Alpine Co., Ltd.                        | 27/09/2022 | 4154997 | 22198093.1 |        |
| 4155802 | L3Harris Technologies, Inc.                  | 09/09/2022 | 4155802 | 22194736.9 |        |
| 4161001 | OVH  | 30/09/2021 | 4161001 | 21306363.9 |        |
| 4161816 | thyssenkrupp Presta AG<br>thyssenkrupp AG    | 27/05/2021 | 4161816 | 21730138.1 | German |
| 4163453 | VKR Holding A/S                              | 04/10/2012 | 4163453 | 22209656.2 |        |
| 4165832 | Elisa Oyj                                    | 02/06/2021 | 4165832 | 21732089.4 |        |
| 4166058 | Miele & Cie. KG                              | 30/09/2022 | 4166058 | 22198912.2 | German |
| 4167176 | Angel Playing Cards Co., Ltd.                | 02/08/2016 | 4167176 | 22211707.9 |        |
| 4168183 | Obrist Closures Switzerland GmbH             | 31/07/2021 | 4168183 | 21755408.8 |        |
| 4168651 | HERRENKNECHT<br>AKTIENGESELLSCHAFT           | 03/12/2021 | 4168651 | 21835196.3 | German |
| 4168695 | Trelleborg Sealing Solutions Germany<br>GmbH | 23/06/2020 | 4168695 | 20735110.7 |        |
| 4171329 | WMF GmbH                                     | 31/05/2022 | 4171329 | 22731203.0 | German |



|         |   |            |         |            |        |
|---------|---|------------|---------|------------|--------|
| 4171386 | Koninklijke Philips N.V.  | 21/06/2021 | 4171386 | 21732087.8 |        |
| 4172129 | Universiteit Antwerpen<br>Vito NV                                 | 05/07/2022 | 4172129 | 22754311.3 |        |
| 4173943 | Wissner, Kirsten  | 25/10/2022 | 4173943 | 22203538.8 | German |
| 4173987 | Tetra Laval Holdings & Finance S.A.                               | 15/09/2020 | 4173987 | 22207149.0 |        |
| 4175922 | Cosentino Research & Development,<br>S.L.                         | 23/09/2022 | 4175922 | 22793148.2 |        |
| 4176619 | Telefonaktiebolaget LM Ericsson (publ)                            | 06/07/2020 | 4176619 | 20737006.5 |        |
| 4177598 | Bruker AXS GmbH   | 19/10/2022 | 4177598 | 22202439.0 | German |
| 4179126 | Carl Zeiss Vision International GmbH                              | 01/07/2021 | 4179126 | 21746336.3 | German |
| 4179201 | VESTAS WIND SYSTEMS A/S   | 11/06/2021 | 4179201 | 21735148.5 |        |
| 4179595 | Polarium Energy Solutions AB                                      | 10/07/2020 | 4179595 | 20739665.6 |        |
| 4179920 | Bruynzeel Storage Systems   | 18/08/2021 | 4179920 | 22205698.8 |        |
| 4180325 | Airbus Operations (S.A.S.)  | 03/11/2022 | 4180325 | 22205320.9 | French |
| 4180622 | Guangzhou Marine Geological Survey                                | 31/08/2022 | 4180622 | 22193336.9 |        |
| 4181861 | Unilever Global IP Limited  | 01/07/2021 | 4181861 | 21737473.5 |        |
| 4183933 | Caterpillar SARL  | 02/11/2022 | 4183933 | 22205072.6 |        |
| 4185461 | Bedford Industries, Inc.  | 22/07/2021 | 4185461 | 21755232.2 |        |
| 4187231 | Commissariat à l'énergie atomique et<br>aux énergies alternatives | 25/11/2022 | 4187231 | 22209569.7 | French |
| 4190756 | Corning Incorporated  | 16/11/2018 | 4190756 | 23154290.3 |        |
| 4191024 | Doosan Enerbility Co., Ltd.                                       | 05/10/2022 | 4191024 | 22199886.7 |        |
| 4192542 | Sefar AG  | 23/05/2022 | 4192542 | 22728632.5 | German |
| 4192892 | SNF Group   | 06/10/2022 | 4192892 | 22778026.9 |        |
| 4198437 | Danfoss A/S   | 16/12/2022 | 4198437 | 22214235.8 |        |
| 4200161 | Bader, Olaf   | 26/08/2022 | 4200161 | 22772437.4 | German |
| 4204785 | Carl Zeiss Vision International GmbH                              | 29/09/2021 | 4204785 | 21783521.4 |        |
| 4208975 | Ofinno, LLC   | 17/03/2022 | 4208975 | 22715266.7 |        |
| 4214125 | VOSS, Sina  | 10/01/2022 | 4214125 | 22701533.6 | German |
| 4215157 | Bruker Belgium N.V.   | 25/01/2022 | 4215157 | 22153270.8 |        |
| 4232171 | Google LLC  | 12/08/2022 | 4232171 | 22764559.5 |        |
| 4242525 | Danfoss A/S   | 08/03/2022 | 4242525 | 22160654.4 |        |
| 4244456 | Julius Blum GmbH  | 05/11/2021 | 4244456 | 21806948.2 | German |
| 4256267 | König, Bernhard   | 28/01/2022 | 4256267 | 22701405.7 | German |

## Applications Lapsed Through Non-Payment of Renewal Fees Section (35) 1

- 20200057** Int. Cl. (2024.01) **B65H 19/00; B65H 75/00; B62B 1/00**. A cable reel trolley. DEXGREEN LIMITED
- S20210122** A modular plant pot containing a removable “top” and “base”. CARMEN TO

## Patents Lapsed Through Non-Payment of Renewal Fees

- 84413** Int. Cl. (2024.01)**G08C 15/00; G06F 3/00**. An interface circuit for selectively configuring an I/O terminal as an input or an output terminal. Cylon Controls Limited
- 86348** Int. Cl. (2024.01)**E06B 9/00; E06B 9/56**. Roll-up door assembly, blow molded panel therefore and method of making same. Tramec Sloan, L.L.C.
- 86781** Int. Cl. (2024.01)**E04D 5/00; E04B 7/00; E04D 12/00**. Roof foil. Marley Limited
- S87235** Int. Cl. (2024.01)**B64C 1/00**. Smart aircraft cargo door protection cover. DOREL PICOVICI
- 87265** Int. Cl. (2024.01)**G01G 9/00; G01G 17/00; G01G 19/00; G06Q 50/00**. System and method for monitoring food waste. POSITIVE CARBON LIMITED
- 1468992** A process for the preparation of opipramol. FARCHEMIA S.r.l.
- 1469038** Process for preparing a bituminous aggregate. LEA-CO International; LEA-CO France
- 1471187** Threading equipment. COMPAGNIE DU SOL
- 1472990** Stent graft tapered spring. Medtronic Vascular, Inc.
- 1586337** The local administration of a combination of rapamycin and 17 beta-estradiol for the treatment of vulnerable plaque. Cordis Corporation
- 1588668** Alignment guide for use in femoral head surgery. Finsbury (Development) Limited
- 1612160** Dispensing and disposal container for hygiene items. Weinmann, Gerold, Dr.
- 1615952** METHODS OF TREATMENT OF INFLAMMATORY DISEASES USING SPECIFIC BINDING AGENTS OF HUMAN ANGIOPOIETIN-2. AMGEN INC.

- 1616284** METHOD AND DEVICE FOR THE DETECTION AND IDENTIFICATION OF OBJECTS, SECURE CONTAINERS AND SYSTEMS WHICH ARE PROVIDED WITH SAID DEVICE. Alcea
- 1617752** METHODS AND DEVICES FOR MECHANICAL RESONATOR EVALUATION. Microtech Medical Technologies Ltd.
- 1620118** REVERSIBLE PEGYLATED DRUGS. YEDA RESEARCH AND DEVELOPMENT CO., LTD.
- 1620396** PROCESS FOR THE PREPARATION OF N-SUBSTITUTED 2-CYANOPYRROLIDINES. Novartis AG
- 1620423** PROCESS FOR THE PREPARATION OF (4-HYDROXY-6-OXO-TETRAHYDROPYRAN-2-YL) ACETONITRILE AND DERIVATIVES THEREOF. Centrient Pharmaceuticals Netherlands B.V.
- 1620456** HLA-A2 TUMOR ASSOCIATED ANTIGEN PEPTIDES AND COMPOSITIONS. OSE Pharma International SA
- 1620512** QUICKLY DISINTEGRATING PIGMENT CONCENTRATE. Brockhues GmbH & Co. KG
- 1620551** PHOSPHOLIPASE AND METHOD OF PRODUCING IT. Novozymes A/S
- 1620761** OPTICAL AERIAL LINE AND METHOD OF INSTALLATION THEREOF. Prysmian Cables Spain, S.A.
- 1623489** ATHERMALISATION OF TUNEABLE LASERS. University College London
- 1626801** METHOD AND APPARATUS FOR LOADING CATALYST. Cat Tech International Ltd.
- 1626886** MUFF COUPLING FOR VEHICLE COUPLERS. DELLNER COUPLERS AB
- 1633662** HOUSEHOLD BIN WITH A DEVICE FOR COMPACTING WASTE. Sita France
- 1636749** GATHERING DATA CONCERNING PUBLICATION USAGE AND EXPOSURE TO PRODUCTS AND/OR PRESENCE IN COMMERCIAL ESTABLISHMENT. Arbitron Inc.
- 1638522** SOLID DRUG FORMULATION AND DEVICE FOR STORAGE AND CONTROLLED DELIVERY THEREOF. Boston Scientific Scimed, Inc.
- 1638770** PROCESS AND APPARATUS FOR THE PRODUCTION OF A SANDWICH SHEET. Colines S.p.A.
- 1699480** ALLOGENEIC TUMOR THERAPEUTIC AGENT. Gilead Sciences Inc.
- 1710361** Multisteped filter cartridge for street gullies. Ingenieurgesellschaft Prof. Dr.-Sieker mbH
- 1710667** Handheld electronic device with text disambiguation employing advanced word frequency learning feature. BlackBerry Limited
-

- 1712245** Calcium phosphate cement. Howmedica Osteonics Corp.
- 1712643** Prevention of toxicities due to 5-fluorouracil. ODPM
- 1716822** Intravascular deployment device with improved deployment capability.  
Medtronic Vascular, Inc.
- 1716830** Method for producing a web. RKW SE
- 1719462** Resection guide assembly. DePuy Products, Inc.
- 1721992** Methods and nucleic acids for analyses of cellular proliferative disorders.  
Epigenomics AG
- 1732559** METHODS OF TREATMENT USING ESZOPICLONE. Sunovion  
Pharmaceuticals Inc.
- 1734877** METHOD AND APPARATUS FOR DETERMINING THE PROXIMITY OF A  
TMS COIL TO A SUBJECT'S HEAD. Neuronetics, Inc.
- 1735304** QUINOLINONE-CARBOXAMIDE COMPOUNDS AS 5-HT<sub>4</sub> RECEPTOR  
AGONISTS. Theravance Biopharma R&D IP, LLC
- 1737543** EXERCISE MONITOR. Conor O'Brien
- 1740698** RECOMBINANTLY MODIFIED PLASMIN. Grifols Therapeutics Inc.
- 1745280** POTENTIOMETRIC ELECTRODE WITH A GRADIENT POLYMER  
COMPRISING CONDUCTIVE PARTICLES AND IONOPHORE  
MOLECULES, ITS MANUFACTURE AND USE. PION Inc.
- 1747008** CRUDE EXTRACTS FROM ANDROGRAPHIS PANICULATA. Nutrition  
Science Partners Limited
- 1747282** MAP-2 PROTEOLYTIC BREAKDOWN PRODUCTS AS DIAGNOSTIC  
BIOMARKERS FOR NEURAL INJURY. Banyan Biomarkers; University of  
Florida Research Foundation, Inc.
- 1755152** MEASURING METHOD, MEASURING EQUIPMENT, EXPOSING  
METHOD AND EXPOSING EQUIPMENT. Nikon Corporation
- 1755558** DRY POWDER PHARMACEUTICAL COMPOSITION, ITS PREPARATION  
PROCESS AND STABLE AQUEOUS SUSPENSION OBTAINED FROM  
SUCH COMPOSITION. Zambon S.p.A.
- 1755616** Treatment of exudative retinopathy with mineralcorticoids. Advanced Ocular  
Systems Limited
- 1755731** SEIZURE THERAPY APPARATUS. Neuronetics, Inc.
- 1758970** ODORIZING MIXTURE FOR AN ODORLESS GAS FUEL. ARKEMA  
FRANCE
- 1761257** USE OF ACETYL L-CARNITINE FOR THE PREPARATION OF A  
MEDICINE FOR THE TREATMENT OF NEUROPATHIC PAIN IN  
DIABETIC PATIENTS. Alfasigma S.p.A.
-

- 1765605** METHOD OF MANUFACTURING A SIGN DISPLAYING SIGN INDICIA.  
HPH Limited
- 1774892** SELF-DRAINING MOP SYSTEM. Doble Vive S.L.
- 1843148** ANALYSIS OF OPTICAL DATA USING HISTOGRAMS. F. Hoffmann-La  
Roche AG
- 1843271** SYSTEM AND METHOD FOR MANAGING PATIENT-RELATED DATA.  
DePuy Products, Inc.
- 1848032** Materials and methods of forming controlled voids in dielectric layers. VERSUM  
MATERIALS US, LLC
- 1869475** IN VITRO METHOD FOR SIMULTANEOUSLY DETECTING AND  
IDENTIFYING ANTIBIOTICS OF DIFFERENT CLASSES AND  
CORRESPONDING DIAGNOSTIC KIT. Unisensor S.A.
- 1871347** PHARMACEUTICAL COMPOSITION. Novartis AG
- 1871383** DEVICE AND METHODS FOR TREATING PARANASAL SINUS  
CONDITIONS. Intersect ENT, Inc.
- 1871416** METHODS FOR TREATING OSTEOARTHRITIS PAIN BY ADMINISTERING  
A NERVE GROWTH FACTOR ANTAGONIST AND COMPOSITIONS  
CONTAINING THE SAME. Rinat Neuroscience Corp.
- 1871481** METHOD FOR LENGTHENING THE SEASONAL MOBILITY PERIOD OF  
FISH. Desol BV
- 1871482** METHOD FOR IMPROVING THE FERTILITY OF ANIMALS WITH  
INDOLE-3-ACETIC ACID. Desol BV
- 1871532** PROCESS AND APPARATUS FOR FORMING UNIFORM NANOFIBER  
SUBSTRATES. PGI Polymer, Inc.
- 1871912** Method for determining DNA methylation in blood or urine samples.  
Epigenomics AG
- 1874288** ACETYL L-CARNITINE FOR PREVENTING PAINFUL PERIPHERAL  
DIABETIC NEUROPATHY. Alfasigma S.p.A.
- 1874375** WOUND TREATING APPARATUS AND METHOD. Smith & Nephew PLC
- 1874392** OBJECT-DELIVERY SHUTTLE. Cook Medical Technologies LLC
- 1874434** FILTER MODULE WITH FLOW CONTROL. Camfil Farr, Inc.
- 1877104** METHOD FOR KIDNEY FUNCTION ANALYSIS. Indiana University  
Research and Technology Corporation
- 1877313** METHODS AND APPARATUSES FOR SEALING OPHTHALMIC LENS  
PACKAGES. Johnson and Johnson Vision Care, Inc.
- 1880037** SYSTEM AND METHOD FOR DEPOSITING A MATERIAL ON A  
SUBSTRATE. First Solar, Inc.
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- 1881980** NOVEL CRYSTALLINE FORMS OF TIOTROPIUM BROMIDE. Boehringer Ingelheim International GmbH
- 1885403** Poly(ethyleneglycol) conjugates of Lysostaphin. Nektar Therapeutics
- 1886396** Electrical rotating machine with power interconnecting part. VALEO EQUIPEMENTS ELECTRIQUES MOTEUR
- 1915346** ASYMMETRIC CATALYTIC REDUCTION OF OXCARBAZEPINE. Bial-Portela & CA, S.A.
- 1977707** Electrosurgical instrument reducing current densities at an insulator conductor junction. Tyco Healthcare Group, LP
- 1985597** Ceramic article having a photocatalytic coating and a barrier coating. ERLUS AKTIENGESELLSCHAFT
- 1987781** Suture packaging. Covidien LP
- 1987785** Expandable reamer. DePuy Products, Inc.
- 1989955** Corner cupboard pivot hinge. Kesseböhmer Holding KG.
- 1997427** Implantable medical devices evaluating thorax impedance. BIOTRONIK SE & Co. KG
- 2004072** APPARATUS FOR ENDOSCOPIC RESECTION OF TISSUE. Cook Medical Technologies LLC
- 2007325** DELIVERY OF AN ENDOLUMINAL PROSTHESIS. Cook Incorporated
- 2007416** PARATHYROID HORMONE (PTH) FOR USE IN THE TREATMENT OF ISCHEMIA. Ludwig-Maximilians-Universität München
- 2008138** UNIVERSAL BRACKET FOR MOUNTING A DROP TERMINAL. ADC Telecommunications, Inc.
- 2010516** TRISUBSTITUTED 1,2,4-TRIAZOLES. Janssen Pharmaceutica NV
- 2012649** ENDOSCOPE ROTATIONAL AND POSITIONING APPARATUS. Cook Medical Technologies LLC
- 2014652** ACTIVATING AGENT FOR PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR. Nippon Chemiphar Co., Ltd.
- 2015706** DEPLOYING MEDICAL IMPLANTS. Cook Medical Technologies LLC
- 2016405** METHODS AND APPARATUS FOR IDENTIFYING DISEASE STATUS USING BIOMARKERS. Provista Diagnostics, LLC
- 2018514** DEVICE FOR MEASURING PACKAGE SIZE. Global Sensor Systems Inc.
- 2020847** A TEATCUP. DeLaval Holding AB
- 2021335** HETEROCYCLIC COMPOUNDS AS INHIBITORS OF C-FMS KINASE. Janssen Pharmaceutica N.V.
- 2022296** MULTISTRIKE GAS DISCHARGE LAMP IGNITION APPARATUS AND METHOD. XENON CORPORATION
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- 2028366** WIND TURBINE BLADE WITH ANTI-NOISE DEVICES. SIEMENS  
GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY, S.L.
- 2035398** IMMOBILIZED 1,2-BENZISOTHIAZOLIN-3-ONE. Troy Technology II, Inc
- 2103288** Device for auditory stimulation. Forschungszentrum Jülich GmbH
- 2108254** Floor element for a stable floor with grooves for drainage. Lauka Holding B.V.
- 2113522** Method for creating a colour master batch, colour master batch and polymer material coloured with same. DAW SE
- 2113814** CONVEYOR MEMBER CONTROL DEVICE, IMAGE FORMING APPARATUS, AND DRIVE CONTROL METHOD. Ricoh Company, Ltd.
- 2117094** Monitoring switch and method for checking the switch. Eaton Intelligent Power Limited
- 2131648** A METHOD IN A MILKING SYSTEM FOR CREATING A REQUIRED VACUUM LEVEL AND COMPUTER PROGRAM PRODUCTS. DeLaval Holding AB
- 2132879** METHODS FOR HANDLING SESSIONS ON THE BASIS OF THE SESSION INITIATION PROTOCOL. KT Corporation
- 2137139** PROCESS OF DEACETALISATION OF ALPHA AMINOACETALS.  
WeylChem Lamotte S.A.S.
- 2140233** METERING DISPENSING SYSTEM WITH IMPROVED VALVING TO PREVENT ACCIDENTAL DISPENSING OF LIQUID THEREFROM. 1Touch Holdings, Inc.
- 2142048** ADJUSTABLE CHAIR. DewertOkin Technology Group Co., Ltd.
- 2142113** POWERED SURGICAL SYSTEM. Smith & Nephew, Inc.
- 2142635** NOVEL BACTERIA ISOLATED FROM THE HONEY PRODUCING TRACT OF HONEY BEES. Olofsson, Tobias; Vasquez, Alejandra
- 2142673** NUCLEIC ACID ENZYMES AND COMPLEXES AND METHODS FOR THEIR USE. Speedx Pty Ltd
- 2144609** PHARMACEUTICAL FORMULATIONS CONTAINING LIPOIC ACID DERIVATIVES. Cornerstone Pharmaceuticals, Inc.
- 2144647** CONTROLLABLE DRUG DELIVERY DEVICE DRIVEN BY EXPANDABLE BATTERY. Steadymed. Ltd.
- 2144740** METHOD FOR THE PRODUCTION OF A PLASTIC PRODUCT HAVING A HARD PLASTIC COMPONENT AND A SOFT PLASTIC COMPONENT, AND PLASTIC PRODUCT PRODUCED USING SAID METHOD.  
RAUMEDIC AG
- 2144912** 18 F-LABELLED FOLATES. Merck & Cie
- 2146752** FLUORESCENT LIGHT TOMOGRAPHY. Xenogen Corporation
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- 2146906** STORAGE ENCLOSURES. Roylan Developments Limited
- 2147172** RAIL FOR STRETCHED CLOTH FALSE WALL. Normalu
- 2148776** A WATERTIGHT COMPOSITE SUPPORT FOR BITUMINOUS MEMBRANES WITH LIMITED THICKNESS AND WEIGHT AND A PROCESS FOR THE PRODUCTION THEREOF. POLITEX s.a.s. di FREUDENBERG POLITEX s.r.l.
- 2148873** 4-ALKOXYPYRIDAZINE DERIVATIVES AS FAST DISSOCIATING DOPAMINE 2 RECEPTOR ANTAGONISTS. Janssen Pharmaceutica, N.V.
- 2148879** THIA(DIA)ZOLES AS FAST DISSOCIATING DOPAMINE 2 RECEPTOR ANTAGONISTS. Janssen Pharmaceutica, N.V.
- 2149110** ASSOCIATIVE RELEVANCY KNOWLEDGE PROFILING ARCHITECTURE, SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT. Araicom Research, LLC
- 2150215** OSTOMY POUCH APPLIANCE. ConvaTec Technologies Inc.
- 2150514** 18F-LABELLED FOLATES. Merck & Cie
- 2150600** USE OF ACIDIFYING AGENT FOR PROMOTING MICRONUTRIENT UPTAKE. Koch Agronomic Services, LLC
- 2150708** A METHOD OF FASTENING A COVER BOARD TO A SUPPORT AND INSTALLATION OF THE SAME. Handy & Harman
- 2152670** BRIDGED SIX-MEMBERED RING COMPOUNDS. Idorsia Pharmaceuticals Ltd
- 2152676** "TRIAZINE DERIVATIVES, COMPOSITIONS CONTAINING SUCH DERIVATIVES, AND METHODS OF TREATMENT OF CANCER AND AUTOIMMUNE DISEASES USING SUCH DERIVATIVES". PROMETIC PHARMA SMT LIMITED
- 2155224** BOTANICAL EXTRACTS FROM OIL PALM VEGETATION LIQUOR FOR COSMECEUTICAL APPLICATIONS. Malaysian Palm Oil Board
- 2155485** METHOD AND APPARATUS FOR MANUFACTURING LAMINATE FLOOR PANELS COMPRISING A CORE CONTAINING WOOD/PLASTIC COMPOSITE, AS WELL AS SUCH PANELS. Flooring Industries Limited, SARL
- 2157435** NOZZLE CLEANING METHOD, NOZZLE CLEANING DEVICE, AND AUTOMATIC ANALYZER. Beckman Coulter, Inc.
- 2162149** VACCINE FOR THE PREVENTION OF BREAST CANCER RELAPSE. The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
- 2164872** FULLY HUMAN ANTI-VAP-1 MONOCLONAL ANTIBODIES. Biotie Therapies Corp.
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- 2167644** CULTURE MEDIA FOR DEVELOPMENTAL CELLS CONTAINING ELEVATED CONCENTRATIONS OF LIPOIC ACID. Vitrolife Sweden AB
- 2192939** DEVICE FOR DELIVERING MEDICAMENT. SHL Medical AG
- 2239637** Timepiece wheel train and timepiece. Seiko Epson Corporation
- 2241173** Protective device for mechanical removal of weeds. Weber Bürstensysteme GmbH
- 2241184** Device for shielded spraying vegetation. Hoeben, Henricus Johannes Godefridus Maria
- 2243856** Device for high temperature pulsed laser deposition. Solmates B.V.
- 2246417** Recombinantly modified plasmin. Grifols Therapeutics Inc.
- 2251588** LAMP FOR HOUSEHOLD DEVICE AND HOUSEHOLD DEVICE, IN PARTICULAR FOR PREPARING FOOD, WITH A LAMP. BSH Hausgeräte GmbH
- 2253614** Inhibitors of IAP. Novartis AG
- 2261176** NOVEL PRECURSOR FOR THE PRODUCTION OF A LITHIUM COMPOSITE TRANSITION METAL OXIDE. LG Energy Solution, Ltd.
- 2262872** PROCESSING ORGANIC MATERIALS. The Crucible Group Pty Ltd
- 2264129** Process for hydrotreating biomass oil diluted in a refinery stream of petroleum hydrocarbons. Petroleo Brasileiro S.A.
- 2267937** TRANSMISSION/RECEPTION SYSTEM, TRANSMISSION DEVICE, RECEPTION DEVICE, AUTHENTICATION DEVICE, USER EQUIPMENT, METHOD EXECUTED USING THESE, AND PROGRAM. N-Crypt Lab., Inc.
- 2268123** METHOD AND DEVICE FOR THE REMOVAL OF A LEAF FROM A CROP. Priva Holding B.V.
- 2268239** DRAINABLE OSTOMY POUCH. ConvaTec Technologies Inc.
- 2268299** COMPOSITIONS FOR REDUCING SCAR FORMATION IN WOUND HEALING. MosaMedix B.V.
- 2269584** Enteric solid oral dosage form of a bisphosphonate containing a chelating agent. Allergan Pharmaceuticals International Limited
- 2269666** Method of making anti-thrombotic conjugate particles.. Cardinal Health Switzerland 515 GmbH
- 2271368** POLY(BETA MALIC ACID) WITH PENDANT LEU-LEU-LEU TRIPEPTIDE FOR EFFECTIVE CYTOPLASMIC DRUG DELIVERY. Cedars-Sinai Medical Center
- 2271545** THREADING DEVICE. Carlson, Eric
- 2272068** LOW-K DIELECTRICS OBTAINABLE BY TWIN POLYMERIZATION. BASF SE
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- 2272548** A medical device coating having an anti-thrombotic conjugate. Cardinal Health Switzerland 515 GmbH
- 2272549** A medical device coating having an anti-thrombotic conjugate. Cardinal Health Switzerland 515 GmbH
- 2274931** ACTION TIMES FOR HANDOVER OF MOBILE STATIONS. Nokia Solutions and Networks Oy
- 2276461** PHARMACEUTICAL FORMULATION CONTAINING PALMITOYL ETHANOLAMIDE AND STEAROYL ETHANOLAMIDE. 21 HOLDING S.A.S di MONICO CAV. SILVANO
- 2276778** NEUROTROPHIC FACTOR MANF AND USES THEREOF. Herantis Pharma Plc
- 2277159** GOLF-COURSE GUIDE. Ulrich, Franz; Projahn, Dirk
- 2277222** FUEL CELL SYSTEM. adKor GmbH
- 2277233** PLANAR SENSOR STRUCTURE. MariCare Oy
- 2277246** VERTICAL CAVITY SURFACE EMITTING LASER DEVICE, VERTICAL CAVITY SURFACE EMITTING LASER ARRAY, OPTICAL SCANNING APPARATUS, IMAGE FORMING APPARATUS, OPTICAL TRANSMISSION MODULE AND OPTICAL TRANSMISSION SYSTEM. Ricoh Company, Ltd.
- 2277874** ACTIVATOR FOR PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR. Nippon Chemiphar Co., Ltd.
- 2279515** PROJECTION LENS ARRANGEMENT. Mapper Lithography IP B.V.
- 2280672** TEMPORARY OSTOMY APPLIANCE. ConvaTec Technologies Inc.
- 2281569** USE OF PROUROKINASE IN FACILITATED PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION. Liu, Jianning
- 2282829** PROCESS FOR UPGRADING A CARBONACEOUS MATERIAL USING MICROCHANNEL PROCESS TECHNOLOGY. Velocys, Inc.
- 2283154** MAL AND CADM1 PROMOTER METHYLATION A MOLECULAR DIAGNOSTIC MARKER FOR HPV-INDUCED INVASIVE CERVICAL CANCERS AND THEIR HIGH-GRADE PRECURSOR LESIONS. Self-screen B.V.
- 2283825** Enteric solid oral dosage form of a bisphosphonate containing a chelating agent. Allergan Pharmaceuticals International Limited
- 2285237** CEREAL-BASED INSTANT DRINK. Société des Produits Nestlé S.A.
- 2286097** THREADED FASTENER. Triangle Fastener Corporation
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- 2286586** GAZE ACCURATE VIDEO CONFERENCING. Microsoft Technology Licensing, LLC
- 2288971** Pressure regulator operated by a diaphragm assembly. Fisher Controls International LLC
- 2291380** NALMEFENE PRODRUGS. Janssen Pharmaceutica N.V.
- 2293760** COMPOSITIONS FOR IMPARTING SUPERHYDROPHOBICITY. Avon Products, Inc.
- 2294066** BENZOIMIDAZOLES AS PROLYL HYDROXYLASE INHIBITORS. Janssen Pharmaceutica, N.V.
- 2296716** HAEMOSTATIC MATERIAL. Medtrade Products Limited
- 2296840** WELDING DEVICE AND WELDING METHOD HAVING MOVABLE ARC. KUKA Industries GmbH
- 2297089** BENZOCYCLOHEPTANE AND BENZOXEPINE DERIVATIVES. Janssen Pharmaceutica, N.V.
- 2301228** IMPROVED CALL INTERCEPTOR. McFeeters, Kenneth
- 2301257** HEARING PROTECTOR. 3M Innovative Properties Company
- 2303146** PATIENT-MODIFIED IMPLANT AND MANUFACTURING METHOD FOR SUCH AN IMPLANT. Biomet Manufacturing, LLC
- 2303192** METHOD FOR MANUFACTURING AN IMPLANT. Biomet Manufacturing, LLC
- 2306523** Infrared detector, infrared detecting apparatus and method of manufacturing infrared detector. Mitsubishi Heavy Industries, Ltd.
- 2307420** NALMEFENE DI-ESTER PRODRUGS. Janssen Pharmaceutica NV
- 2345383** Electrosurgical instrument reducing current densities at an insulator conductor junction. Covidien LP
- 2351070** METHOD AND APPARATUS FOR CONTROLLING ION ENERGY DISTRIBUTION. AES Global Holdings, Pte. Ltd.
- 2361580** Electrosurgical instrument reducing current densities at an insulator conductor junction. Tyco Healthcare Group, LP
- 2366362** Deploying medical implants. Cook Medical Technologies LLC
- 2366363** Deploying Medical Implants. Cook Medical Technologies LLC
- 2366364** Deploying medical implants. Cook Medical Technologies LLC
- 2374975** METHOD FOR CONFIGURING A DEVICE FOR MOTORISING A HOME-AUTOMATION FACILITY PROVIDED WITH A SHUTTER AND A DEVICE FOR MOTORISING A HOME-AUTOMATION FACILITY PROVIDED WITH A SHUTTER. SOMFY ACTIVITES SA
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- 2375302** Traveling vehicle system and self-diagnosis method for the traveling vehicle system. Murata Machinery, Ltd.
- 2377392** Method for controlling loading of food products in a food mixing unit and corresponding control device. DINAMICA GENERALE S.p.A
- 2378213** Procedure for analysing the thermal behaviour of a construction, and associated system. SOLETANCHE FREYSSINET
- 2378250** Route guidance apparatus, route guidance method and computer program. Sony Group Corporation
- 2380526** Implant and method for producing the same. Biotronik AG
- 2380871** A process for the preparation of isoserine derivatives. Indena S.p.A.
- 2381571** Charging systems with direct charging port support and extended capabilities. Apple Inc.
- 2383016** Maintenance system for maintaining an energy accumulator arrangement. BIOTRONIK SE & Co. KG
- 2383533** Heat transfer assembly, heat transfer device and production method. Purem GmbH
- 2384725** Biocorrosible implant in which corrosion may be triggered or accelerated after implantation by means of an external stimulus. Biotronik AG
- 2386766** Helico-axial pump, rotor for same, method for hydrodynamic bearing of a rotor of a helicon-axial pump and a hybrid pump with a rotor for a helico-axial pump. Sulzer Management AG
- 2388551** Method of Authenticating a Polymer Film. Innovia Films Limited
- 2392363** Drug coated expandable devices. Cordis Corporation
- 2392364** Rapamycin coated expandable devices. Cordis Corporation
- 2402979** Projection lens arrangement. Mapper Lithography IP B.V.
- 2413894** HAIR-LIKE SHAPED HYDROGELS FOR SOFT TISSUE AUGMENTATION. ALLERGAN, INC.
- 2413899** DENTAL ANESTHETIC COMPRISING TETRACAINE AND A VASOCONSTRICTOR FOR INTRANASAL ADMINISTRATION. St. Renatus, LLC
- 2413971** PLANT FIBER PRODUCT AND METHOD FOR ITS MANUFACTURE. Winnington AB
- 2414323** DERIVATIVES OF AMINOCYCLOBUTANE OR AMINOCYCLOBUTENE, THEIR METHOD OF PREPARATION AND THEIR USE AS MEDICAL PRODUCTS. Pierre Fabre Médicament
- 2414369** IMIDAZO[2,1-B][1,3,4]THIADIAZOLE DERIVATIVES. Fundación Centro Nacional de Investigaciones Oncológicas Carlos III
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- 2414547** MULTI-PRIMER AMPLIFICATION METHOD FOR BARCODING OF TARGET NUCLEIC ACIDS. Fluidigm Corporation
- 2415137** USB CABLE AND METHOD FOR PRODUCING THE SAME. Telefonix, Inc.
- 2416736** SEALING AND FILLING VENTRICULAR PARTITIONING DEVICES TO IMPROVE CARDIAC FUNCTION. Cardiokinetix, Inc.
- 2416746** IMPLANTS HAVING HIGH FATIGUE RESISTANCE. Covidien LP
- 2416877** ZONED CATALYSTS FOR DIESEL APPLICATIONS. BASF Corporation
- 2416961** HIGH PERFORMANCE SEALABLE COEXTRUDED BIAXIALLY ORIENTED POLYPROPYLENE FILM. Dow Global Technologies LLC
- 2417044** STORAGE AND RETRIEVAL SYSTEM. Caspick Systems, LLC
- 2417249** DNA-CELL CONJUGATES. The Regents of the University of California
- 2417384** AN ARTICLE, AN INTERMEDIATE PRODUCT, AND A METHOD OF MAKING AN ARTICLE. Zircotec IP Limited
- 2419044** DENTAL IMPLANT ASSEMBLY COMPRISING A MAGNETIC TEMPORARY SCREW. SUPERCHARGED PRODUCTION S.R.L.
- 2419104** COMBINATIONS OF 5-HT4 RECEPTOR AGONISTS AND ACETYLCHOLINESTERASE INHIBITORS FOR TREATMENT OF COGNITIVE DISORDERS. Theravance Biopharma R&D IP, LLC
- 2419463** ORGANIC POLYMERIC PARTICLES, PAPER COATING COMPOSITIONS, AND METHODS. Dow Global Technologies LLC
- 2420724** BACKLIGHT DEVICE. JVC KENWOOD Corporation
- 2421380** A REDUCED-CHOLESTEROL DAIRY PRODUCT FOR USE IN THE TREATMENT AND/OR PREVENTION OF A LIVER DISEASE. S. A. Corman
- 2421533** NOVEL ANTI-INFLAMMATORY AGENTS. Resverlogix Corp.
- 2421597** FRANGIBLE CLOSURE TO OBSTRUCT A FLEXIBLE TUBE. Spang & Brands GmbH
- 2421814** METHODS FOR PREPARING FLUORINATED VINYL ETHERS. Baxter International Inc; Baxter Healthcare S.A.
- 2422048** PUMP WITH A RESILIENT SEAL. PSG GERMANY GMBH
- 2422075** FLUID FLOW OPERATED POWER GENERATING SYSTEM. Blue Motion Energy B.V.
- 2422080** EXTRACTING WAVE ENERGY IN A WIND TURBINE INSTALLATION. Hywind AS
- 2422130** HEADLAMP MODULE FOR VEHICLE, HAVING AN IMPROVED HIGH BEAM FUNCTION. Valeo Vision
- 2422228** IMPROVEMENTS IN OPTICAL WAVEGUIDES. Snap Inc.
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- 2424419** VACUUM CLEANER AND METHOD FOR CONTROLLING AN ELECTRIC MOTOR. Aktiebolaget Electrolux
- 2424452** DISSECTION AND RETRACTION DEVICE FOR VAGINAL SACRAL COLPOPEXY. Boston Scientific Scimed, Inc.
- 2424459** SYSTEM AND METHOD FOR IDENTIFYING A LANDMARK. Smith & Nephew, Inc.
- 2424520** USE OF PUFAS FOR TREATING SKIN INFLAMMATION. DS Biopharma Limited
- 2424618** LIGHT THERAPY DEVICE. Wayne State University
- 2425291** HEAD MOUNTED DISPLAY. BAE Systems PLC
- 2425363** SYSTEM AND METHOD OF MODELING MONO-GLYCERIDES, DI-GLYCERIDES AND TRYGLYCERIDES IN BIODIESEL FEEDSTOCK. AspenTech Corporation
- 2425485** A HIGH VOLTAGE MODULAR BATTERY WITH ELECTRICALLY-INSULATED CELL MODULE AND INTERCONNECTOR PERIPHERIES. Lightning Energy
- 2426478** CONDENSATION TESTING DEVICE AND CONDENSATION TESTING METHOD. Espec Corp.; Murata Manufacturing Co., Ltd.
- 2427141** SELF-ADJUSTING MEDICAL DEVICE. Hansa Medical Products, Inc.
- 2430001** METHODS FOR THE PREPARATION OF AMPHIPHILIC NITROGEN CONTAINING IMIDAZOLINIUM DERIVATIVE COMPOUNDS. Juvaris Biotherapeutics, Inc.
- 2433454** Notifying user equipment of an upcoming change of system information in a radio communication network. Telefonaktiebolaget LM Ericsson (publ)
- 2436467** CARBIDE END MILL. MOLDINO Tool Engineering, Ltd.
- 2436618** Warehouse with a storage and retrieval system. Casepick Systems, LLC
- 2437423** Uplink radio resource allocation in the presence of power limited users. Telefonaktiebolaget LM Ericsson (publ)
- 2474279** Inductively heated surgical tool. Domain Surgical, Inc.
- 2479507** AIR CONDITIONER CONTROL DEVICE, AIR CONDITIONING SYSTEM, FACILITY/EQUIPMENT SYSTEM. Mitsubishi Electric Corporation
- 2498539** ACTION TIMES FOR HANDOVER OF MOBILE STATIONS. Nokia Solutions and Networks Oy
- 2508592** Mixing process and device for said mixing process. O2W S.A.
- 2508612** Glycosylation of molecules. Oxyrane UK Limited; Universiteit Gent; VIB vzw
- 2508863** Method for recovering metal. ARKRAY, Inc.
- 2508864** Method for recovering metal. ARKRAY, Inc.
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- 2510890** Surgical forceps and method of manufacturing thereof. Covidien LP
- 2510891** Battery-powered hand-held ultrasonic surgical cautery cutting device. Covidien AG
- 2510894** System for process monitoring and intelligent shut-off. Covidien LP
- 2511001** CO2 RECOVERY SYSTEM AND RECOVERY METHOD FOR MOISTURE CONTAINING CO2 GAS. MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD.
- 2522308** Mechanical transcatheter heart valve prosthesis. Biotronik AG
- 2522387** Implantable medical lead. BIOTRONIK SE & Co. KG
- 2522391** Implantable medical device with electrode fault detection. BIOTRONIK SE & Co. KG
- 2536288** A NOVEL BOSWELLIA LOW POLAR GUM RESIN EXTRACT AND ITS SYNERGISTIC COMPOSITIONS. LAILA NUTRACEUTICALS
- 2540213** Laryngoscope with camera attachment. Covidien AG
- 2546406** Method and device for handling a textile good. KARL MAYER STOLL R&D GmbH
- 2555462** CONTROL INFORMATION TRANSMISSION METHOD AND A DEVICE THEREFOR. LG Electronics Inc.
- 2555736** CONNECTOR SYSTEM FOR MEDICAL FLUID ADMINISTRATION. The Enterprise Cradle Limited
- 2555825** ASEPTIC FLUID CONNECTOR WITH DEFLECTING MEMBERS AND METHOD COMPRISING THE USE OF SUCH A CONNECTOR. Py, Daniel
- 2556091** Antibody recognising human leukemia inhibitory factor (LIF) and use of anti-LIF antibodies in the treatment of diseases associated with unwanted cell proliferation. Fundacio Privada Institut d'Investigacio Oncologica de Vall D'Hebron (VHIO); Fundació Privada Institució Catalana De Recerca I Estudis Avançants
- 2556570** THERMALLY COMPENSATING LENS FOR HIGH POWER LASERS. HAAS LASER TECHNOLOGIES, INC.
- 2556610** APPARATUS AND METHOD FOR TRANSMITTING UPLINK SCHEDULING REQUEST IN MOBILE COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 2557549** BIOLOGICAL BODY STATE ASSESSMENT DEVICE. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 2557995** METHODS OF SCATTER CORRECTION OF X-RAY PROJECTION DATA. Varian Medical Systems, Inc.
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- 2558030** Transcatheter prosthetic heart valve delivery device with funnel recapturing feature. Medtronic Inc.
- 2558148** DRY POWDER INHALER MOUTHPIECE BUTTON. Sima Patent ve Lisanslama Hizmetleri Ltd.Sti.
- 2558198** CATALYST FOR THE OXIDATION OF SO<sub>2</sub> TO SO<sub>3</sub>. BASF SE
- 2558374** A CASK. Diageo Great Britain Limited
- 2558394** ELEVATOR SYSTEM. Kone Corporation
- 2558402** STEERING METHOD AND STEERING SYSTEM FOR AN INDUSTRIAL TRUCK. Hubtex Maschinenbau GmbH & Co. Kg
- 2558425** MINERAL WOOL FROM RECYCLABLE MATERIALS. USG Interiors, LLC
- 2558636** METHOD TO CLEAN A MOISTENED SOILED SUBSTRATE WITH POLYMERIC PARTICLES. Xeros Limited
- 2558663** DOOR HANDLE. Pure Hold Limited
- 2558776** FRONT ILLUMINATION DEVICE COMPRISING A FILM-BASED LIGHTGUIDE. Azumo, Inc.
- 2558836** ION BEAM SAMPLE PREPARATION APPARATUS AND METHODS. Gatan, Inc.
- 2558837** ION BEAM SAMPLE PREPARATION THERMAL MANAGEMENT APPARATUS AND METHODS. Gatan Inc.
- 2558839** ION BEAM SAMPLE PREPARATION APPARATUS AND METHODS. Gatan, Inc.
- 2558866** POTENTIATION OF ANTI-CANCER ACTIVITY THROUGH COMBINATION THERAPY WITH BER PATHWAY INHIBITORS. Tracon Pharmaceuticals, Inc.
- 2558927** TFT LC DISPLAY AND METHOD FOR DETECTING THE SPATIAL POSITION OF LIMBS IN A SPATIAL REGION DISPOSED IN FRONT OF A DISPLAY. Microchip Technology Germany GmbH
- 2559190** TRANSMISSION AND RECEPTION OF PROXIMITY DETECTION SIGNAL FOR PEER DISCOVERY. Qualcomm Incorporated
- 2560256** PROTECTIVE TUBE. Relats, S.A.
- 2560451** METHOD FOR RECEIVING DOWNLINK SIGNAL AT A RELAY AND CORRESPONDING RELAY. LG Electronics Inc.
- 2560559** UNICONDYLAR KNEE REPLACEMENT. Biomet UK Limited; O'Connor, John; Dodd, Chris Alexander; Murray, David Wycliffe; Hunsley, Colin
- 2560658** ENHANCING ANTIBODY-DEPENDENT CELLULAR CYTOTOXICITY. VentiRx Pharmaceuticals, Inc.
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- 2560811** FORMED SHEET MEMBRANE ELEMENT AND FILTRATION SYSTEM.  
Fibracast Ltd.
- 2560849** SURFACE WIPER SYSTEM. Steam Tech, LLC
- 2560956** NOVEL SYNTHESIS FOR THIAZOLIDINEDIONE COMPOUNDS. Octeta  
Therapeutics, LLC
- 2561075** AAV-BASED TREATMENT OF CHOLESTEROL-RELATED DISORDERS.  
University of Massachusetts
- 2561139** RAIL ATTACHMENT SYSTEM WITH ELASTIC FASTENER. Pandrol
- 2561206** PISTON HAVING COMBUSTION BOWL SHAPED TO BALANCE  
COMBUSTION EFFICIENCY AND EMISSION PROPERTIES. Caterpillar Inc.
- 2561446** PREDICTIVE INTERNET TRAFFIC STEERING. Allot Communications Ltd.
- 2561466** APPROACHES FOR DEVICE LOCATION AND COMMUNICATION.  
Amazon Technologies, Inc.
- 2562155** HYDROXAMIC ACID DERIVATIVE. FUJIFILM Toyama Chemical Co., Ltd.
- 2563239** DELIVERING PELVIC FLOOR REPAIR IMPLANTS. Boston Scientific  
Scimed, Inc.
- 2563259** SYSTEM AND METHOD FOR RADIO-FREQUENCY IMAGING,  
REGISTRATION AND LOCALIZATION. Medtronic Navigation, Inc.
- 2563462** DEVICE FOR DETECTING A PAIN SIGNATURE BASED ON CHANGES IN  
BURST FIRING. RHODE ISLAND HOSPITAL
- 2563536** METHOD FOR PRODUCING A COMPONENT CONFIGURED AS A  
GUARD PLATE OR HEAT-INSULATION PLATE. DBW Advanced Fiber  
Technologies GmbH
- 2563549** CERAMIC SHAPED ABRASIVE PARTICLES, METHODS OF MAKING  
THE SAME, AND ABRASIVE ARTICLES CONTAINING THE SAME. 3M  
Innovative Properties Company
- 2563803** ANTICANCER STEROIDAL LACTONES UNSATURATED IN POSITION  
7(8). Pharma Mar S.A.
- 2563967** PROCESS FOR THE PRODUCTION OF GEL-BASED COMPOSITE  
MATERIALS. FiberLean Technologies Limited
- 2564404** METHOD FOR PREPARING A CARBON COMPOSITE ELECTRODE FOR  
ELECTRIC DOUBLE-LAYER CAPACITOR. OÜ Skeleton Technologies  
Group
- 2564517** MULTIPLE-INPUT MULTIPLE-OUTPUT COMMUNICATION SYSTEM  
SUPPORTING MULTIPLE REPORTING MODES. Samsung Electronics Co.,  
Ltd.
- 2565190** TETRAHYDROBENZOTHIOPHENE COMPOUND. Astellas Pharma Inc.
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- 2566087** METHOD AND APPARATUS FOR TRANSMITTING EXTENDED UPLINK ACKNOWLEDGEMENT INFORMATION IN A WIRELESS COMMUNICATION SYSTEM. LG Electronics Inc.
- 2566358** SEGMENTED SMOKING ARTICLE. R. J. Reynolds Tobacco Company
- 2567199** FLOW RATE METER. Renalsense Ltd.
- 2567326** POLICY DETERMINED ACCURACY OF TRANSMITTED INFORMATION. Nokia Technologies Oy
- 2567481** ORTHOGONAL CODES BASED CODE DIVISION MULTIPLEXING METHOD, MULTIPLEXING DEVICE, AND DE-MULTIPLEXING DEVICE. Sun Patent Trust
- 2569151** FLOOR PANEL AND METHODS FOR MANUFACTURING FLOOR PANELS. Flooring Industries Limited, SARL
- 2569598** APPARATUS AND METHOD FOR DETERMINING GAS USAGE. Belkin International, Inc.
- 2569724** METHOD FOR MANAGING METAMERISM OF COLOR MERCHANDISE. Benjamin Moore & Co.
- 2569930** SEGMENTATION OF A WORD BITMAP INTO INDIVIDUAL CHARACTERS OR GLYPHS DURING AN OCR PROCESS. Microsoft Technology Licensing, LLC
- 2573176** Tumour growth inhibitory compounds and methods of their use. InDex Pharmaceuticals AB
- 2573404** Method of detecting depositions in a vacuum pump, and vacuum pump configured to execute the method. Edwards Japan Limited
- 2586605** MACHINE FOR ASSEMBLING CARDBOARD BOXES. Boix Maquinaria Spain, S.L.U.
- 2595669** IMPLANT HAVING A MULTILAYERED COATING AND A PROCESS FOR PREPARING THEREOF. Institut "Jozef Stefan"
- 2595740** MULTIPHASE CONTACT AND DISTRIBUTION APPARATUS FOR HYDRO PROCESSING. Chevron U.S.A., Inc.
- 2605361** Assembly and method for operating an assembly for inductive energy transmission to an electrical consumer. SEW-Eurodrive GmbH & Co
- 2626282** Climbing vibration-driven robot. Innovation First, Inc.
- 2631242** A process for concentration of a polypeptide. Takeda Pharmaceutical Company Limited
- 2645840** Eccentric fan housing. Rockwell Automation Technologies, Inc.
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- 2647345** ELECTROSURGICAL TISSUE ABLATION SYSTEMS CAPABLE OF DETECTING EXCESSIVE BENDING OF A PROBE AND ALERTING A USER. Covidien LP
- 2647410** Fire extinguishment container. The Boeing Company
- 2647488** Process for making a plastic component from self-reinforced thermo-plastic material. Samsonite IP Holdings S.à r.l.
- 2648024** Lighting module and lighting apparatus including the same. Suzhou Lekin Semiconductor Co., Ltd.
- 2648065** Deformable display device and method for controlling thereof. Samsung Electronics Co., Ltd.
- 2650632** Multiple product belt drier for drying pasty and/or powdery materials, particularly for drying sludges from treatment plants or biomass. SOCIEDAD GENERAL DE AGUAS DE BARCELON, S.A.
- 2650732** Sheet loading device and image forming apparatus equipped with the same. Kyocera Document Solutions Inc.
- 2650946** Battery block and secondary battery module. Vehicle Energy Japan Inc.; Nissan Motor Co., Ltd.
- 2650948** Mat made of glass fibers or polyolefin fibers used as a separator in a lead-acid battery. Johns Manville
- 2653126** Single or limited use device designs. Covidien LP
- 2653145** Dual column surgical support system. Allen Medical Systems, Inc.
- 2653207** Installation for the purification of contaminated air and gases. DESOTEC N.V.
- 2653378** Continuous moldline technology (CMT) elastomeric control surface. The Boeing Company
- 2653655** COMPONENTS WITH MICROCHANNEL COOLING. General Electric Company
- 2653906** A system for delivering stereoscopic images. Dolby Laboratories Licensing Corporation
- 2653933** Image forming apparatus. Kyocera Document Solutions Inc.
- 2654030** Wearable athletic activity monitoring methods and systems. Adidas AG
- 2654032** Self-adhesive label for a receptacle with a cap and a receptacle provided with such a label.. REYNDERS ETIKETTEN, naamloze vennootschap
- 2654157** Fault protection system for a power system of dynamically positioned vessel. Siemens Energy AS
- 2654190** Method for operating an electric circuit. GE Energy Power Conversion GmbH
- 2656784** Cardiac activation time detection. Biosense Webster (Israel) Ltd.
- 2656944** Method for producing an implant. Biotronik AG
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- 2657207** Method of producing a melt-infiltrated ceramic matrix composite article. General Electric Company
- 2657423** A concrete slab. VBI ONTWIKKELING B.V.
- 2657518** Methods and systems for operating a wind turbine in noise reduced operation modes. General Electric Company
- 2657715** Battery monitoring apparatus and wireless field device. Yokogawa Electric Corporation
- 2660295** Metal article coated with a composition comprising olefinic double bonds. Evonik Operations GmbH
- 2660443** TURBINE COMPONENT COOLING SYSTEM. General Electric Company
- 2660520** FUEL/AIR PREMIXING SYSTEM FOR TURBINE ENGINE. General Electric Company
- 2660549** HEAT EXCHANGER. LG Electronics Inc.
- 2660572** Method for representing content elements on a display device of a weighing apparatus. Bizerba SE & Co. KG
- 2667256** Image forming apparatus, control method for image forming apparatus, and storage medium. Canon Kabushiki Kaisha
- 2668986** Information processing system, information processing apparatus, information processing program, and information processing method. Nintendo Co., Ltd.
- 2669500** JET EXHAUST NOISE REDUCTION. Lockheed Martin Corporation
- 2674735** Measuring device and hot air fan with the measuring device. Steinel GmbH
- 2682123** BIOLOGICALLY ACTIVE FOOD ADDITIVE FOR NORMALIZING THE FUNCTION OF THE THYROID GLAND. Obshestvo S Ogranichennoj Otvetstvennostju "PARAFARM"
- 2687107** BIOLOGICALLY ACTIVE FOOD ADDITIVE FOR THE PROPHYLAXIS OF ERECTILE DYSFUNCTION IN MEN. Obshestvo S Ogranichennoj Otvetstvennostju "PARAFARM"
- 2687212** COMBINATIONS OF DIHYDROQUERCETIN AND DRONE BROOD FOR USE IN THE TREATMENT OF ISCHAEMIC STROKE. Obshestvo S Ogranichennoj Otvetstvennostju "PARAFARM"
- 2687250** Nasal flushing device. Wu, Lih-Chiu; Lee, Hui-Shuan
- 2692737** Fully human anti-VAP-1 monoclonal antibodies. Biotie Therapies Ltd.
- 2693980** SYSTEM FOR ENDOVASCULAR ANEURYSM TREATMENT. Endologix LLC
- 2694044** SYNERGISTIC COMPOSITIONS AND METHODS. Lycored Ltd
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- 2694051** USE OF L-CARNITINE AND SALTS THEREOF FOR REDUCING OR PREVENTING FATIGUE AND IMPROVING COGNITIVE FUNCTION. Lonza Ltd
- 2694205** CATALYSTS FOR THE CONVERSION OF SYNTHESIS GAS TO ALCOHOLS. Dow Global Technologies LLC
- 2694484** PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS. Janssen Sciences Ireland UC
- 2694505** HSP90 INHIBITORS. Sloan-kettering Institute For Cancer Research
- 2694640** REVERSING THE EFFECTS OF THE TUMOR MICROENVIRONMENT USING CHIMERIC CYTOKINE RECEPTORS. Baylor College Of Medicine
- 2694681** PHARMACOGENETIC TEST FOR ANTI-RESORPTIVE THERAPY-ASSOCIATED OSTEONECROSIS OF THE JAW. The Trustees of Columbia University in the City of New York
- 2694764** HINGE DEVICE FOR DOORS, SHUTTERS OR THE LIKE. In & Tec S.r.l.
- 2694928** VIBRATION TYPE MEASURING TRANSDUCER AND METHOD FOR ITS PRODUCTION. Endress+Hauser Flowtec AG
- 2695044** TOUCHSCREEN. Heim, Axel; Kandiziora, Thomas; Microchip Technology Germany GmbH; Ivanov, Artem
- 2695101** PROTECTING INFORMATION USING POLICIES AND ENCRYPTION. Nextlabs, Inc.
- 2695194** PROCESS FOR CATALYST-FREE SELECTIVE GROWTH OF A SiNx LAYER ON A GaN SEMICONDUCTOR WIRE STRUCTURE. Université Grenoble Alpes; Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 2695197** RECESSED TERMINATION STRUCTURES AND METHODS OF FABRICATING ELECTRONIC DEVICES INCLUDING RECESSED TERMINATION STRUCTURES. Wolfspeed, Inc.
- 2695279** CHARGE TRANSFER DEVICE AND ASSOCIATED MANAGEMENT METHOD. Valeo Systèmes de Contrôle Moteur
- 2695299** SUPPLY-REGULATED VCO ARCHITECTURE. Qualcomm Incorporated
- 2696000** HYBRID CONSTRUCTION MACHINE. Kobelco Construction Machinery Co., Ltd.
- 2696690** SULFATE SALTS AS TRANSIT TIME ENHANCER. Braintree Laboratories, Inc.
- 2696827** HYDROCELLULAR ABSORBENT DRESSING, AND USES THEREOF FOR THE TREATMENT OF CHRONIC AND ACUTE WOUNDS. URGO RECHERCHE INNOVATION ET DEVELOPPEMENT
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- 2696828** VERY ABSORBENT, THIN ADHESIVE DRESSING, AND USES THEREOF FOR THE TREATMENT OF CHRONIC WOUNDS. Urgo Recherche Innovation et Développement
- 2696851** MULTILAYER THIN FILM DRUG DELIVERY DEVICE. The Regents of the University of California
- 2696873** PLASMODIAL SURFACE ANION CHANNEL INHIBITORS FOR THE TREATMENT OR PREVENTION OF MALARIA. The United States of America, as represented by The Secretary, Department of Health and Human Services
- 2696878** DOSAGE REGIMEN FOR SAPACITABINE AND DECITABINE IN COMBINATION FOR TREATING ACUTE MYELOID LEUKEMIA. Cyclacel Limited
- 2696953** METHOD FOR THE CONDENSATION OF VAPORS UNDER A VACUUM. Aquafil Engineering GmbH
- 2697157** WAFER WITH SPACER INCLUDING HORIZONTAL MEMBER. Robert Bosch GmbH
- 2697207** 3-(2-ARYL-CYCLOALKENYLMETHYL)-OXAZOLIDIN-2-ONE DERIVATIVES AS CHOLESTEROL ESTER TRANSFER PROTEIN (CETP) INHIBITORS. Chong Kun Dang Pharmaceutical Corp.
- 2697246** SELECTIVE CYSTEINE PROTEASE INHIBITORS AND USES THEREOF. Genesis Technologies Limited
- 2697504** A HYDRAULIC DEVICE OF REVERSIBLE TYPE FOR THE CONVERSION OF ENERGY. Amirian, Abdullah
- 2697614** AUTOMATICALLY ADJUSTABLE SPATIAL ANALYZER FOR A LASER BEAM. Laser Metrologie; Centre National de la Recherche Scientifique
- 2697719** RELIABILITY BASED DATA ALLOCATION AND RECOVERY IN A STORAGE SYSTEM. NetApp, Inc.
- 2697720** COMPUTER PERIPHERAL DISPLAY AND COMMUNICATION DEVICE PROVIDING AN ADJUNCT 3D USER INTERFACE. Razer (Asia-Pacific) Pte. Ltd.
- 2697729** METHOD AND SYSTEM FOR SUPPORTING THE DIAGNOSIS OF AN OBJECT HAVING AT LEAST ONE DISTURBANCE. Ada Health GmbH
- 2697768** METHOD FOR MANAGING BLOOD DONATIONS. Applied Science, Inc.
- 2697949** METHOD AND APPARATUS FOR PROVIDING SECRET DELEGATION. Nokia Technologies Oy
- 2698681** VOLTAGE GENERATING CIRCUIT. Renesas Electronics Corporation
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- 2699194** HEALING ABUTMENT SYSTEM FOR BONE CONTOURING. Philibin, Terry B.
- 2699242** CARBON MONOXIDE RELEASING MOLECULES AND USES THEREOF. Alfama, Inc.
- 2699295** NEEDLE WITH CLOSURE AND METHOD. Dr. Py Institute LLC
- 2699340** APPARATUS AND METHODS FOR FLUID PROCESSING AND FLOW CONTROL. Biotechflow Ltd
- 2699387** RESIN BONDED GRINDING WHEEL. 3M Innovative Properties Company
- 2699590** ENDOGLIN POLYPEPTIDES AND USES THEREOF. Acceleron Pharma, Inc.
- 2699598** COMBINATIONS OF ANTI-4-1BB ANTIBODIES AND ADCC-INDUCING ANTIBODIES FOR THE TREATMENT OF CANCER. Pfizer Inc.
- 2699619** CROSS-LINKED POLY-E-LYSINE PARTICLES. Spheritech Ltd
- 2699620** CROSS-LINKED POLY-E-LYSINE NON-PARTICULATE SUPPORT. Spheritech Ltd
- 2699652** CATALYTIC PROCESS FOR PRODUCING HYDROCARBONS FROM BIOOILS. UPM-Kymmene Corporation
- 2699758** DOWNHOLE TOOL, METHOD & ASSEMBLY. PARADIGM DRILLING SERVICES LIMITED
- 2699951** ASYMMETRIC OPTICALLY EFFECTIVE SURFACE RELIEF MICROSTRUCTURES AND METHOD OF MAKING THEM. ROLIC Technologies AG
- 2700000** TEXT INDICATOR METHOD AND ELECTRONIC DEVICE. BlackBerry Limited
- 2700081** NETWORK ARCHITECTURE FOR LITHOGRAPHY MACHINE CLUSTER. ASML Netherlands B.V.
- 2700092** VIAS IN POROUS SUBSTRATES. Tessera, Inc.
- 2700184** METHOD AND APPARATUS FOR TRANSMITTING ACKNOWLEDGEMENT/NONACKNOWLEDGEMENT SIGNALS IN A WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 2700283** OLN LIGHT CHANGE/OPTIMIZATION SYSTEM. Signify Holding B.V.
- 2701765** FLUID VOLUME MONITORING FOR PATIENTS WITH RENAL DISEASE. Medtronic, Inc.
- 2701795** NEUROMODULATION SYSTEMS FOR TREATING ACUTE HEART FAILURE SYNDROMES. NuXcel2, LLC
- 2702256** INTERNAL COMBUSTION ENGINE AND METHOD FOR INJECTING FUEL INTO A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE. Volkswagen Aktiengesellschaft
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- 2702300** KEY PULLEY SEGMENT FEATURES, SEGMENT STACK CONFIGURATION, AND CAM AND ROLLER DESIGN AND ACTUATION IN A SYNCHRONIZED SEGMENTALLY INTERCHANGING PULLEY TRANSMISSION SYSTEM. 1783590 Ontario Ltd. D/B/A Inmotive
- 2702616** THIN FILM INTERMETALLIC BOND. Amberwave, Inc.
- 2702756** PORTABLE CAMERA. Optelec Holding B.V.
- 2702819** APPARATUS AND METHOD OF RESOURCE ALLOCATION FOR DATA AND CONTROL CHANNELS IN A WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 2703069** HOLLOW FIBER MEMBRANE REINFORCED WITH MONOFILAMENTS, AND METHOD FOR MANUFACTURING SAME. Lotte Chemical Corporation
- 2704982** FIXATION OF A FITTING ON A CONTAINER. Dispack-Projects NV
- 2705134** WHITE BLOOD CELL ANALYSIS SYSTEM AND METHOD. ABBOTT LABORATORIES
- 2705291** APPARATUS FOR AXIALLY TRANSFERRING FLUIDS TO A PLURALITY OF COMPONENTS. Allison Transmission, Inc.
- 2705387** CONTINUOUS SEISMIC ACQUISITION. ConocoPhillips Company
- 2705638** METHODS AND SYSTEMS OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS. BlackBerry Limited
- 2706903** MEDICAL SYSTEM WITH MULTIPLE OPERATING MODES FOR STEERING A MEDICAL INSTRUMENT THROUGH LINKED BODY PASSAGES. Intuitive Surgical Operations, Inc.
- 2707763** MAGNESIUM MIRRORS AND METHODS OF MANUFACTURE THEREOF. Raytheon Company
- 2708584** AMORPHOUS POLY (D,L-LACTIDE) COATING. Abbott Cardiovascular Systems Inc.
- 2708870** Ion beam shield. Gatan Inc.
- 2710455** METHOD AND APPARATUS FOR PROVIDING QUICK ACCESS TO DEVICE FUNCTIONALITY. Nokia Technologies Oy
- 2710841** DISTRIBUTED BLIND SOURCE SEPARATION. Google LLC
- 2712015** FUEL CELL SYSTEM. NISSAN MOTOR CO., LTD.
- 2713714** NAIL FOR A HORSE SHOE. Mustad Hoofcare S.A.
- 2724736** POD PUMP CASSETTE. DEKA Products Limited Partnership
- 2727867** Document sorting machine and method. Daboub, Brent A.; Culp, Garry; Ayala, Fred
- 2736286** Restoration of mobile terminating cs services in case of failure of a core network entity in a mobile communication system. Alcatel Lucent
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- 2745022** BEARING HOUSE AND USE THEREOF. Kaltech Engineering ApS
- 2752203** Haemostatic material. Medtrade Products Ltd.
- 2752204** Haemostatic material. Medtrade Products Ltd.
- 2786810** Method for separating and/or sorting of bulk materials. Trenn- und Sortiertechnik GmbH
- 2786949** Apparatus and method for producing plastic containers. SACMI Cooperativa Meccanici Imola Società Cooperativa
- 2787541** SOLAR CELL. LG Electronics, Inc.
- 2787788** Method for Supporting SIPTO using LHN-ID. Samsung Electronics Co., Ltd.
- 2789285** SPRAY NOZZLE FOR A DISHWASHER. BSH Hausgeräte GmbH
- 2789368** Leadless pacemaker. BIOTRONIK SE & Co. KG
- 2789415** Toolholder with clamp having fluid flow passages, and tool including such a toolholder. Seco Tools AB
- 2789440** Splitting device. Darda GmbH
- 2789776** SWIVEL LOCK SYSTEM WITH MANUAL OVERRIDE. Hanchett Entry Systems, Inc.
- 2789802** Blade cascade for a turbomachine and corresponding manufacturing method. MTU Aero Engines AG
- 2789944** Refrigerator. Samsung Electronics Co., Ltd.
- 2790341** Method for multiplexing and/or demultiplexing and optical network element. Deutsche Telekom AG
- 2792659** Liquid product for hardening and protecting mineral surfaces. CBA World S.à.r.l.
- 2792978** FOOD CONTAINER. Samsung Electronics Co., Ltd.
- 2793085** Image forming apparatus. CANON KABUSHIKI KAISHA
- 2796333** Speed detection system and compliance monitoring. ITCiCo Spain, S.L.
- 2796725** Fan systems. Lennox Industries Inc.
- 2796993** Display apparatus and control method capable of performing an initial setting. Samsung Electronics Co., Ltd.
- 2797012** Method for marking predetermined patterns in a structured dataset. Gunko, Igor
- 2799511** Heat transfer liquid composition and energy saving heating method using it. HYDRA NEA, commanditaire vennootschap
- 2799768** Luminaire with optoelectronic unit. Regent Beleuchtungskörper AG
- 2799854** Analytical device and method for manufacturing the same. ARKRAY, Inc.
- 2799994** Method and device for backing up data in a computer infrastructure providing activity recovery functions. BULL SAS
- 2800067** READER DEVICE AND ASSOCIATED METHOD. ASSA ABLOY Opening Solutions Sweden AB
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- 2800142** THIN FILM TRANSISTOR SUBSTRATE AND ORGANIC LIGHT EMITTING DEVICE USING THE SAME. LG Display Co., Ltd.
- 2800417** End-to-End QoS when integrating trusted non-3GPP Access Networks and 3GPP Core Networks. Alcatel Lucent
- 2801676** HEAT INSULATING PANEL AND METHOD FOR MOUNTING CONDUITS. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 2808761** Tracking a user to support tasks performed on complex-system components. The Boeing Company
- 2810620** Vascular implant and delivery system. Edwards Lifesciences CardiAQ LLC
- 2818199** Implantable vagal neurostimulator with bounded autotitration. Cyberonics, Inc.
- 2821828** ADAPTOR FOR A MULTI-TERMINAL CONNECTOR WITH A HOUSING AND RELATED MULTI-TERMINAL CONNECTOR. RADIAL
- 2826448** Device for auditory stimulation. Forschungszentrum Jülich GmbH
- 2830591** MATERIAL, ITS PROCESS OF PREPARATION AND UTILISATIONS THEREOF. Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 2833778** OBJECTIVE PHOROPTER SYSTEM. Visionix Ltd.
- 2833837** DEVICES FOR TREATING AN ANEURYSM. Merlin MD PTE Ltd.
- 2833841** PROSTHETIC ANKLE COMPONENTS. Biomet UK Healthcare Limited
- 2834172** SYSTEM AND METHOD FOR PROCESSING A COMMAND, USE OF A COMPUTER PROGRAM PRODUCT AND OF A STORAGE MEDIUM IN SUCH A SYSTEM. Savoye
- 2834448** WELLSITE CONNECTOR WITH FLOATING SEAL MEMBER AND METHOD OF USING SAME. National Oilwell Varco, L.P.
- 2834844** METHOD OF FABRICATING A PLURALITY OF OPTICAL PROXIMITY SENSOR MODULES. Heptagon Micro Optics Pte. Ltd.
- 2834930** PHYSICAL LAYER FRAME FORMAT FOR WLAN. Marvell Asia Pte, Ltd.
- 2834934** HYBRID AUTOMATIC REPEAT REQUEST IN COMMUNICATIONS. Nokia Solutions and Networks Oy
- 2834958** METHOD AND SYSTEM FOR ALLOCATING ACCESS TO DIGITAL MEDIA CONTENT. Disney Enterprises, Inc.
- 2835001** IDENTIFICATION FOR APPARATUSES. Nokia Technologies Oy
- 2835621** FLOW RATE SENSOR. Hitachi Astemo, Ltd.
- 2835867** ANTENNA AND MANUFACTURING METHOD FOR ANTENNA. Furuno Electric Co., Ltd.
- 2836079** MICROCAPSULES CONTAINING AN OXIDIZABLE ACTIVE, AND A PROCESS FOR PREPARING THE SAME. IDCAPS
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- 2836128** ATHEROSCLEROTIC PLAQUE DETECTION. Baker Heart and Diabetes Institute
- 2836137** SYSTEM FOR EUSTACHIAN TUBE DILATION. Acclarent, Inc.
- 2836216** COMBINATION THERAPY FOR TREATING CANCER. Epizyme, Inc.
- 2836230** FILOVIRUS CONSENSUS ANTIGENS, NUCLEIC ACID CONSTRUCTS AND VACCINES MADE THEREFROM, AND METHODS OF USING SAME. The Trustees of The University of Pennsylvania
- 2836292** DEVICE FOR DOSING SOLID PRODUCTS IN WATERWORKS. Aquaclinic S.r.l.
- 2836327** CUTTING DEVICE AND A METHOD FOR CUTTING A PILE. Motocut Oy
- 2836460** METHOD OF PRODUCING GRAPHENE. Ohio University
- 2836726** ARCUATE CLIP ASSEMBLY. Illinois Tool Works Inc.
- 2836785** ALUMINUM ALLOY TUBE-FIN HEAT EXCHANGER. Carrier Corporation
- 2836828** FIELD EFFECT TRANSISTOR, DEVICE INCLUDING THE TRANSISTOR, AND METHODS OF FORMING AND USING SAME. Takulapalli, Bharath; Inanobio LLC
- 2837147** SYSTEM FOR PERFORMING DIAMETER OVERLOAD CONTROL. Tekelec, Inc.
- 2837160** METHOD AND APPARATUS FOR COMMUNICATING DATA PACKETS IN A CLOUD CELL. Samsung Electronics Co., Ltd.
- 2837232** METHODS AND APPARATUS FOR IMPROVING PEER COMMUNICATIONS USING AN ACTIVE COMMUNICATION MODE. Qualcomm Incorporated
- 2837256** TOOL INSERT WITH LAYERED HEATER, MOLD PLATE WITH SUCH TOOL INSERT AND METHOD FOR OPERATING SUCH A TOOL INSERT. GÜNTHER Heisskanaltechnik GmbH
- 2837404** MALE CONNECTOR EQUIPPED WITH LOCK MECHANISM. JMS Co., Ltd.
- 2838447** SURGICAL INSTRUMENT WITH TISSUE DENSITY SENSING. Ethicon Endo-Surgery, Inc.
- 2838475** VALVE REPLACEMENT SYSTEMS. Caisson Interventional, LLC
- 2838557** THE IGM AND IGE HEAVY CHAIN DOMAIN 2 AS COVALENTLY LINKED HOMODIMERIZATION MODULES FOR THE GENERATION OF FUSION PROTEINS WITH DUAL SPECIFICITY. Universität Stuttgart
- 2838562** HUMAN ANTIBODIES AND SPECIFIC BINDING SEQUENCES THEREOF FOR USE IN STROKE AND ISCHEMIA OR ISCHEMIC CONDITIONS. Mayo Foundation for Medical Education and Research
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- 2838591** ASSEMBLY FOR A DRUG DELIVERY DEVICE AND DRUG DELIVERY DEVICE. Sanofi-Aventis Deutschland GmbH
- 2838631** ELECTROEXTRACTION. Universiteit Leiden
- 2838690** SOLDER MATERIAL, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF TO JOIN METAL SUBSTRATES WITHOUT PRESSURE. Nano-Join GmbH
- 2839326** FIBER OPTIC MODULES HAVING A FIBER TRAY, OPTICAL-TO-OPTICAL FIBER OPTIC CONNECTORS, AND METHODS THEREOF. Corning Optical Communications LLC
- 2839328** FIBER OPTIC MODULES. Corning Optical Communications LLC
- 2839362** PROJECTED CAPACITIVE TOUCH SENSOR WITH ASYMMETRIC BRIDGE PATTERN. Elo Touch Solutions, Inc.
- 2839547** SUBASSEMBLY FOR AN ELECTRICAL PLUG TYPE CONNECTOR AND KIT. TE Connectivity Germany GmbH
- 2839637** METHOD, COMPUTER PROGRAM, AND RECEPTION APPARATUS FOR DELIVERY OF SUPPLEMENTAL CONTENT. Saturn Licensing LLC
- 2839652** FIXED TILE STRUCTURE FLAG INDICATING PARALLEL PROCESSING POSSIBILITY FOR A SEQUENCE OF COMPRESSED VIDEO. Telefonaktiebolaget LM Ericsson (publ)
- 2839658** ARRANGEMENTS AND METHODS THEREOF FOR PROCESSING VIDEO. Telefonaktiebolaget LM Ericsson (publ)
- 2839845** STERILIZATION METHOD USING DINITROGEN TETRAOXIDE AND STERILIZATION DEVICE. Ena Co., Ltd.
- 2840083** NITROGENATED BICYCLIC AROMATIC HETEROCYCLIC COMPOUND. Astellas Pharma Inc.
- 2840146** METHOD TO PREDICT THE SAFETY OF THE TREATMENT WITH A NICOTINIC CHOLINERGIC RECEPTOR AGONIST. Genetracer Biotech S.L.; Universidad del Pais Vasco
- 2840368** VARIABLE ANGLE SPECTROSCOPIC IMAGING MEASUREMENT METHOD AND DEVICE THEREFOR. Office Color Science Co., Ltd.
- 2840842** MOBILE STATION AND METHOD FOR MOBILE STATION. NTT DOCOMO, INC.
- 2840864** MANAGEMENT APPARATUS, METHOD AND COMMUNICATION SYSTEM. Yokogawa Electric Corporation
- 2840906** ASSOCIATION OF BETA-GLUCANS AND ARABINOXYLANS. Generale Biscuit
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- 2840961** DETECTING INCREASED RISK OF SUDDEN UNEXPLAINED DEATH IN EPILEPTIC PATIENTS. Cyberonics, Inc.
- 2840966** PERITONEAL DIALYSIS APPARATUS. Fresenius Medical Care Deutschland GmbH
- 2840978** ONE-PART SURGICAL CLIP. Aesculap AG
- 2840995** CONTROL CIRCUIT OF A SURGICAL DEVICE WITH A SWITCH AND A METHOD FOR DETERMINING THE STATE OF THE SWITCH. Ethicon Endo-Surgery, Inc.
- 2841036** TYMPANIC MEMBRANE PRESSURE EQUALIZATION TUBE. Tusker Medical, Inc.
- 2841097** COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME. Ohio State Innovation Foundation
- 2841136** PORTABLE HANDHELD PRESSURE SUPPORT SYSTEM. Koninklijke Philips N.V.
- 2841145** ANTISEPTIC APPLICATOR. Carefusion 2200, Inc.
- 2841154** BLADDER TISSUE MODIFICATION FOR OVERACTIVE BLADDER DISORDERS. NewUro, B.V.
- 2841229** JOINING COMPONENTS BY MEANS OF RESISTANCE WELDING. Volkswagen Aktiengesellschaft
- 2841375** CONTAINER WITH PRESSURE RELIEF VALVE. Dispack-Projects NV
- 2841411** PURIFICATION OF UNREFINED EDIBLE OILS AND FATS WITH MAGNESIUM SILICATE AND ORGANIC ACIDS. The Dallas Group of America, Inc.
- 2841452** MODIFIED GLYCOPROTEINS. Momenta Pharmaceuticals, Inc.
- 2841496** RUBBER COMPOSITIONS. ALLNEX GERMANY GmbH
- 2841509** LOW-VISCOSITY VARNISH COMPOSITION FOR SUBSTRATE PRINTED BY INKJET. MGI FRANCE
- 2841637** LAUNDRY WASHING MACHINE WITH A WATER SOFTENING DEVICE. Electrolux Home Products Corporation N.V.
- 2841674** DOWNHOLE MOTOR WITH CONCENTRIC ROTARY DRIVE SYSTEM. National Oilwell Varco, L.P.
- 2841684** OILFIELD APPARATUS AND METHODS OF USE. Enpro Subsea Limited
- 2841915** DEVICES FOR DETERMINING PHOTOPROTECTIVE MATERIALS. The Chemours Company FC, LLC
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- 2841916** METHOD FOR PREDICTING THE PHOTOPROTECTIVE PERFORMANCE OF A PACKAGE MATERIAL FOR A LIQUID MILK PRODUCT. The Chemours Company FC, LLC
- 2842099** SYSTEM AND METHOD FOR DEVICE CLUSTER DATA DISPLAY. Emerson Digital Cold Chain, Inc.
- 2842159** METHODS FOR MANUFACTURING METAL GATES. Applied Materials, Inc.
- 2842211** BATTERY FIELD DISCONNECT METHOD. Otis Elevator Company
- 2842512** MEDICAL APPARATUS RACK. Terumo Kabushiki Kaisha
- 2843140** OPERATING MACHINE MANAGEMENT DEVICE. Hitachi Construction Machinery Co., Ltd.
- 2843431** BATTERY MONITORING DEVICE AND BATTERY SYSTEM MONITORING DEVICE. Hitachi Astemo, Ltd.
- 2844113** INFANT CARRIER HOLDER AND SHOPPING CART. Safe-Strap Company, LLC
- 2844162** SYSTEM OF PREOPERATIVE PLANNING AND PROVISION OF PATIENT-SPECIFIC SURGICAL AIDS. THE CLEVELAND CLINIC FOUNDATION
- 2844198** APPARATUS FOR TREATMENT OF LATERAL EPICONDYLITIS (TENNIS ELBOW). Tennis Elbow R & D Ltd.
- 2844282** PROSTATE-ASSOCIATED ANTIGENS AND VACCINE-BASED IMMUNOTHERAPY REGIMENS. Pfizer Inc.
- 2844401** MULTI-FREQUENCY ULTRA WIDE BANDWIDTH TRANSDUCER. Fujifilm Dimatix, Inc.
- 2844402** ULTRA WIDE BANDWIDTH PIEZOELECTRIC TRANSDUCER ARRAYS. Fujifilm Dimatix, Inc.
- 2844456** POWDER PRESS. Komage-Gellner Maschinenfabrik KG
- 2844559** AIRCRAFT FUEL TANK INERTING SYSTEM. Eaton Intelligent Power Limited
- 2844784** DEVICE AND METHOD FOR THE SURFACE TREATMENT OF A SUBSTRATE AND METHOD FOR PRODUCING AN OPTOELECTRONIC COMPONENT. Fraunhofer Gesellschaft e.V.
- 2844833** DETERMINING THE DEPTH AND ORIENTATION OF A FEATURE IN A WELLBORE. Halliburton Manufacturing & Services Limited
- 2844995** SYSTEM AND METHOD FOR INDUSTRIAL ULTRASONIC INSPECTION USING PHASED ARRAY PROBE AND DISTANCE-GAIN-SIZE FLAW SIZING. Siemens Energy, Inc.
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- 2845014** ARTICULATED SAMPLE CONTAINER RACK APPARATUS, RACK CONVEYOR SYSTEMS, AND METHODS OF CONVEYING SAMPLE CONTAINERS. Siemens Healthcare Diagnostics Inc.
- 2845021** CURRENT GENERATOR DEVICE AND METHOD OF GENERATING A CURRENT WAVE. Prodit Engineering S.r.l.
- 2845271** ELECTRICAL CONTACT WITH SEALING WEB. TE Connectivity Germany GmbH
- 2846636** CONTROL AND REPELLENCY OF BITING FLIES, HOUSE FLIES, TICKS, ANTS, FLEAS, BITING MIDGES, COCKROACHES, SPIDERS AND STINK BUGS. Bedoukian Research, Inc.
- 2846712** ROTARY OSCILLATING BONE, CARTILAGE, AND DISK REMOVAL TOOL ASSEMBLY. Capstone Surgical Technologies LLC
- 2846992** APPARATUS FOR INSERTING INSERTS INTO DIES OF A TABLET PRESS. Romaco Kilian GmbH
- 2847792** GRAPHENE CAP FOR COPPER INTERCONNECT STRUCTURES. Samsung Electronics Co., Ltd.
- 2847864** APPARATUS AND METHOD FOR MATCHING ANTENNA IMPEDANCE IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 2848068** COMMUNICATION SYSTEM WITH ADAPTIVE CONTROL CHANNEL RESOURCE ALLOCATION. NEC Corporation
- 2849170** IMAGE DISPLAY DEVICE MANUFACTURING METHOD. Dexerials Corporation
- 2849564** CONTROL AND REPELLENCY OF MOSQUITOES. Bedoukian Research, Inc.
- 2849678** CATHETER DELIVERY SYSTEM FOR INTRODUCING AN EXPANDABLE HEART VALVE PROSTHESIS AND MEDICAL DEVICE FOR THE TREATMENT OF A HEART VALVE DEFECT. JenaValve Technology, Inc.; Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 2849968** SYSTEM AND METHOD FOR MANEUVERING A MOBILE DRIVE UNIT. Amazon Technologies, Inc.
- 2850674** METHOD FOR CONNECTING TWO BATTERY POLES, WHICH CONSIST OF UNIDENTICAL MATERIALS, OF TWO BATTERY CELLS, AND BATTERY UNIT. Robert Bosch GmbH
- 2851627** FLOOR-MOUNTED AIR CONDITIONER. Mitsubishi Electric Corporation
- 2854608** OUTPUT UNIT FOR A BEVERAGE DISPENSER, BEVERAGE DISPENSER HAVING SUCH AN OUTPUT UNIT AND METHOD FOR OPERATING SUCH A BEVERAGE DISPENSER. Schaerer AG
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- 2855738** ADDITIVES FOR PRODUCING COPPER ELECTRODEPOSITS HAVING LOW OXYGEN CONTENT. MacDermid Acumen, Inc.
- 2857459** STABLE POLYMERIZABLE UV-ABSORBING COLORANT FOR INTRAOCULAR LENS. Kowa Company, Ltd.
- 2859391** HEAT REMOVAL SYSTEM FOR DEVICES AND SUBASSEMBLIES. OE Solutions America Inc.
- 2863059** SCROLL COMPRESSION DEVICE. Daikin Industries, Ltd.
- 2865982** HEAT EXCHANGER, AND REFRIGERATING CYCLE DEVICE EQUIPPED WITH HEAT EXCHANGER. Mitsubishi Electric Corporation
- 2867703** ADAPTIVE FAULT TRACKING. Foster Findlay Associates Limited
- 2867705** ADAPTIVE HORIZON TRACKING. Foster Findlay Associates Limited
- 2869115** 3D VIDEO OBSERVATION DEVICE AND TRANSMITTANCE CONTROL METHOD. Sony Interactive Entertainment Inc.
- 2869944** MOBILE PLANT FOR ASPIRATION AND TREATMENT OF FUMES AND/OR DUST AND/OR GASEOUS MIXTURES. G.A.P. S.p.A.
- 2886136** A Coated Angioplasty or Coronary Angioplasty Catheter. AngioScore, Inc.
- 2894071** Plug-in hybrid vehicle. Toyota Jidosha Kabushiki Kaisha
- 2901877** Protective footwear. Associate 2 Innovate Limited
- 2903453** METHOD FOR THE DETOXIFICATION OF GLUTEN PROTEINS FROM GRAINS OF CEREALS. Università degli Studi di Foggia
- 2915824** METALLOCENE LIGANDS, METALLOCENE COMPOUNDS AND METALLOCENE CATALYSTS, THEIR SYNTHESIS AND THEIR USE FOR THE POLYMERIZATION OF OLEFINS. Lummus Novolen Technology GmbH
- 2917963** DUAL POLARIZATION CURRENT LOOP RADIATOR WITH INTEGRATED BALUN. Raytheon Company
- 2926759** HOLDING ARM FOR POSITIONING A MEDICAL INSTRUMENT OR A MEDICAL APPLIANCE. Karl Storz SE & Co. KG
- 2927826** METHOD OF CONSOLIDATING, SYNCHRONIZING, AND STREAMING PRODUCTION CONTENT FOR DISTRIBUTED EDITING OF MEDIA COMPOSITIONS. Avid Technology, Inc.
- 2929818** SHOWER TRAY UNIT. Mauersberger, Falko
- 2929837** METHOD TO DETERMINE POSITIONS AND STATES OF AN ACTIVITY MONITORING DEVICE. Withings
- 2930314** GENERATOR WITH CONTROLLED AIR COOLING AMPLIFIER. Rolls-Royce Corporation
- 2930581** System and method for surface vehicle trajectory description. The Boeing Company
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- 2932921** EMBOLIC MEDICAL DEVICES. Covidien LP
- 2933185** AIRCRAFT WITH A WING AERIAL REFUELING SYSTEM. The Boeing Company
- 2933712** TOUCH PANEL. LG Innotek Co., Ltd.
- 2933718** DEVICE AND METHOD FOR CONTROLLING DISPLAY. Samsung Electronics Co., Ltd.
- 2933744** SIMULATION METHOD FOR HIGH-POLYMER MATERIAL. Sumitomo Rubber Industries, Ltd.
- 2933794** TUNING DEVICE. Mezzaroba, Gastone
- 2933891** Load restoration in a high or medium voltage substation. Hitachi Energy Switzerland AG
- 2937276** INTUITIVE OPERABLE DIVE COMPUTER. Johnson Outdoors Inc.
- 2937511** GAS TURBINE ENGINE AIRFOIL COOLING PASSAGE CONFIGURATION. Raytheon Technologies Corporation
- 2937674** ADJUSTABLE PET FOOD SCOOP. Tailasco Ltd.
- 2937684** A METHOD OF TESTING THE OXIDATION RESISTANCE OF AN ALLOY. The Chancellor, Masters and Scholars of the University of Cambridge; Rolls-Royce plc
- 2937858** DASH PAD FOR VEHICLE. Hyundai Motor Company
- 2937859** DASH PAD FOR VEHICLE. Hyundai Motor Company
- 2937915** WHITE ORGANIC LIGHT EMITTING DEVICE. LG Display Co., Ltd.
- 2940204** WET WASHING METHOD. Miele & Cie. KG
- 2940556** COMMAND DISPLAYING METHOD AND COMMAND DISPLAYING DEVICE. Samsung Electronics Co., Ltd.
- 2940586** Method and system for testing control software of a controlled system. Hitachi, Ltd.
- 2940824** IMPROVEMENTS IN OR RELATING TO VOLTAGE SOURCE CONVERTERS. General Electric Technology GmbH
- 2941012** SPEAKER SYSTEM. Panasonic Intellectual Property Management Co., Ltd.
- 2942089** INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING PROGRAM, INFORMATION PROCESSING SYSTEM, AND INFORMATION PROCESSING METHOD. Nintendo Co., Ltd.
- 2942108** ADHESIVE MELTER HAVING PUMP MOUNTED INTO HEATED HOUSING. Nordson Corporation
- 2942488** BLADE FOR A GAS TURBINE ENGINE, GAS TURBINE ENGINE AND METHOD OF COOLING A BLADE FOR A GAS TURBINE ENGINE. Raytheon Technologies Corporation
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- 2942538** MULTIPLE BEARING STACK RETENTION. Raytheon Technologies Corporation
- 2942622** METHOD FOR DETERMINING CRITICAL NITROGEN CONTENTS OF CROPS. Polyor SARL
- 2942677** BUILDING AUTOMATION SYSTEM. GIRA GIERSEIPEN GmbH & Co. KG
- 2942809** SEMICONDUCTOR DEVICE WITH A PLURALITY OF PADS. Renesas Electronics Corporation
- 2944815** AIR COMPRESSOR OF WEIGHT-REDUCTION TYPE. Chou, Wen-San
- 2944929** ADAPTIVE POINT-OF-SALE (POS) DEVICE. NCR Corporation
- 2947116** CHEMICALLY FUNCTIONALIZED RENEWED RUBBER COMPOSITION. Lehigh Technologies, Inc.
- 2947176** METHOD FOR CARRYING OUT A PLASMA DEPOSITION PROCESS. Draka Comteq B.V.
- 2947473** CREATION OF AN MR IMAGE WITH THE AID OF A COMBINATION OF A WHOLE BODY COIL AND A LOCAL TRANSMISSION COIL. Siemens Healthcare GmbH
- 2947759** ELECTRIC INTERFERENCE LIMITATION. Vacon Oy
- 2947962** MOTOR VEHICLE ILLUMINATION SYSTEM. Automotive Lighting Reutlingen GmbH
- 2948081** IMPLANTABLE INSERT SLEEVE. Zimmer GmbH
- 2949829** A DEVICE FOR INHIBITING WATER INGRESS IN A ROOF. Greenhill Industrial Holdings Limited
- 2950163** IMAGE FORMING APPARATUS. Canon Kabushiki Kaisha
- 2957918** SYNCHRONOUS PHASOR MEASUREMENT METHOD APPLICABLE TO P-TYPE PHASOR MEASUREMENT UNIT (MPU). North China Electric Power University
- 2963968** CONGESTION CONTROL. Huawei Technologies Co., Ltd.
- 2976497** MODIFIED TUBULAR. RSD2 Holding AG
- 2981174** METHOD FOR COATING CHEESE PRODUCTS. BEL
- 2981214** ELECTRONIC STETHOSCOPE APPARATUS AND METHOD OF USING THE SAME. Samsung Electronics Co., Ltd.
- 2981245** PERSONAL CARE COMPOSITION COMPRISING A PRE-EMULSIFIED FORMULATION. The Procter & Gamble Company
- 2981256** ANTI-INFLAMMATORY SYNERGISTIC COMBINATIONS COMPRISING OMEGA-3 FATTY ACID, TOMATO LYCOPENE, LUTEIN AND CARNOSIC ACID. Lycored Ltd.
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- 2981263** CABOZANTINIB DOSAGE FORM AND USE IN THE TREATMENT OF CANCER. Exelixis, Inc.
- 2981292** SUPRAMOLECULAR AGGREGATES COMPRISING A MALEIMIDO CORE. Ufpeptides S.r.l.
- 2981414** MULTILAYER POLYMER STRUCTURES. Trinseo Europe GmbH
- 2981456** A TRIPLE ACTIVITY SYSTEM FOR DRILLING OPERATIONS. Keppel Offshore & Marine Technology Centre Pte Ltd
- 2981459** SIDEWALL INTEGRATED ARMREST FOR AIRCRAFT INTERIORS. B/E Aerospace, Inc.
- 2981463** SEATING APPARATUS. Recaro Aircraft Seating GmbH & Co. KG
- 2981535** UREA DERIVATIVES USEFUL AS KINASE INHIBITORS. Oxular Acquisitions Limited
- 2981648** A MODULAR CELL AND MATRIX FOR SUPPORTING A LOAD BEARING FEATURE. Strata Innovations Pty Limited
- 2981726** CAGE FOR A BEARING ASSEMBLY AND MANUFACTURING METHOD. Aktiebolaget SKF
- 2981921** METHODS AND PROCESSES FOR NON-INVASIVE ASSESSMENT OF GENETIC VARIATIONS. Sequenom, Inc.
- 2981948** INSPECTION OF A SECURITY ELEMENT PROVIDED WITH MAGNETIC MATERIALS. Giesecke+Devrient Currency Technology GmbH
- 2981956** AUDIO PROCESSING SYSTEM. Dolby International AB
- 2981993** ORGANIC COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE. Canon Kabushiki Kaisha
- 2982049** METHOD OF MAPPING CSI-RS PORTS TO ANTENNA UNITS, BASE STATION AND USER EQUIPMENT. Sun Patent Trust
- 2982125** DETERMINING PALETTE INDICES IN PALETTE-BASED VIDEO CODING. Qualcomm Incorporated
- 2982179** BROADCAST OF INFORMATION FOR NEW CARRIER TYPE. Telefonaktiebolaget LM Ericsson (publ)
- 2982393** BLOOD BAG SYSTEM. Terumo Kabushiki Kaisha
- 2983142** IMAGE READING DEVICE. Mitsubishi Electric Corporation
- 2983617** OPEN-ARCHITECTURE INTERFERENCE SCREW. Smith & Nephew, Inc.
- 2983629** DETECTING AND RESPONDING TO PRESHIVERING. Zoll Circulation, Inc.
- 2983671** PROGESTERONE RECEPTOR ANTAGONIST DOSAGE FORM. Bayer Pharma Aktiengesellschaft
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- 2983694** COMPOSITIONS FOR REJUVENATING SKELETAL MUSCLE STEM CELLS. President and Fellows of Harvard College; The Brigham and Women's Hospital, Inc.
- 2983706** USE OF IMMUNE SUPPRESSIVE DOMAINS AS MEDICAMENTS. iSD Immunotech ApS; Aarhus Universitet (University Of Aarhus)
- 2983765** INJECTION DEVICE. SANOFI
- 2983799** TRAINING DEVICE. CLEMENT CLARKE INTERNATIONAL LIMITED
- 2983883** APPARATUS AND METHOD FOR VOLUMETRIC REDUCTION OF POLYMERIC MATERIAL. Styromelt Ltd.
- 2983916** METHOD FOR PRODUCING A MULTI PLY PRINTED PRODUCT AND BUSINESS CARD. MOO Print Limited
- 2983998** ALUMINUM IMPACT EXTRUDED BOTTLE WITH THREADED NECK MADE FROM RECYCLED ALUMINUM AND ENHANCED ALLOYS AND IT'S METHOD OF MANUFACTURING. Ball Corporation
- 2984026** BOOM AND PERSONNEL HOIST. Bronto Skylift Oy Ab
- 2984050** METHOD FOR PRODUCING GLASS SHEET AND GLASS SHEET. Nippon Sheet Glass Company, Limited
- 2984084** HIGHLY EFFICIENT POLARIZING AGENTS FOR DYNAMIC NUCLEAR POLARIZATION. Bruker France S.A.S.
- 2984132** PLASTICIZING COMPOSITION. BASF SE
- 2984147** EXTRACTION FLUIDS BASED ON ASSOCIATIVE POLYMERS AND ON LABILE SURFACTANTS. RHODIA OPERATIONS
- 2984175** DNA-GUIDED DNA INTERFERENCE BY A PROKARYOTIC ARGONAUTE. Caribou Biosciences, Inc.
- 2984194** METHOD FOR PRODUCING LOW-OXYGEN VALVE-METAL SINTERED BODIES HAVING A LARGE SURFACE AREA. TANIOBIS GmbH
- 2984213** PRODUCTION OF AN ELPASOLITE-TYPE SCINTILLATOR MATERIAL. SAINT-GOBAIN CRISTAUX & DETECTEURS
- 2984237** INFLATABLE FENDER. SAFE BOAT EQUIPMENT
- 2984544** POLYIMIDE COVER SUBSTRATE. Kolon Industries, Inc.
- 2984558** MULTIPLE DISPLAYS FOR DISPLAYING WORKSPACES. Apple Inc.
- 2984602** IMAGE LABELING USING GEODESIC FEATURES. Microsoft Technology Licensing, LLC
- 2984698** AQUEOUS ENERGY STORAGE DEVICES WITH ORGANIC ELECTRODE MATERIALS. University of Houston System
- 2984832** INTRA RATE CONTROL FOR VIDEO ENCODING BASED ON SUM OF ABSOLUTE TRANSFORMED DIFFERENCE. Qualcomm Incorporated
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- 2984883** RADIO ACCESS NETWORK DEFINED PAGING AREA. Alcatel Lucent
- 2985540** AIR ENVIRONMENT REGULATING SYSTEM, AND CONTROLLING DEVICE. Panasonic Intellectual Property Management Co., Ltd.
- 2986174** METHOD FOR THE PRODUCTION OF AN ITEM. Löster, Harry
- 2986203** CLASSIFYING EEG SIGNALS IN RESPONSE TO VISUAL STIMULUS. Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; B.G. Negev Technologies & Applications Ltd., at Ben-Gurion University
- 2986233** NEEDLESCOPIC INSTRUMENT WITH REUSABLE HANDLE AND DETACHABLE NEEDLE ASSEMBLY. Teleflex Medical Incorporated
- 2986237** DEVICE FOR REMOVING KIDNEY STONES. Calcula Technologies, Inc.
- 2986239** MINIMALLY INVASIVE SURGICAL ASSEMBLY. Teleflex Medical Incorporated
- 2986266** STORAGE OR INFUSION BOTTLE. kocher-plastik Maschinenbau GmbH
- 2986299** 1-ETHYL-7-(2-METHYL-6-(1H-1,2,4-TRIAZOL-3-YL)PYRIDIN-3-YL)-3,4-DIHYDROPIRAZINO[2,3-B]PYRAZIN-2(1H)-ONE FOR TREATING GLIOBLASTOMA MULTIFORME. Signal Pharmaceuticals, LLC
- 2986316** METHODS AND COMPOSITIONS FOR THE TREATMENT AND/OR PROPHYLAXIS OF CLOSTRIDIUM DIFFICILE ASSOCIATED DISEASE. Immuron Limited
- 2986422** INDUSTRIAL ROBOT WITH A DRIVE ARRANGEMENT ARRANGED ON AN ARM EXTENSION. KUKA Deutschland GmbH
- 2986557** PROCESS FOR THE PRODUCTION OF BORON NITRIDE NANOTUBES. National Research Council of Canada
- 2986560** STABILISED LITHIUM METAL FORMATIONS COATED WITH A SHELL CONTAINING NITROGEN, AND A METHOD FOR THE PRODUCTION OF SAME. Albemarle Germany GmbH
- 2986612** DEUTERATED MORPHINE DERIVATIVES. Szegedi Tudományegyetem
- 2986644** V3 IMMUNOGENS. Duke University; Sloan-kettering Institute For Cancer Research; Dana-Farber Cancer Institute, Inc.
- 2986672** EXTRUDABLE ADHESIVE FORMULATIONS CONTAINING OLEFIN BLOCK COPOLYMERS. Rohm and Haas Company
- 2986696** FUNCTIONAL FLUID. Thos. Bentley & Son Limited
- 2986784** DREDGING CUTTING WHEEL. IHC Holland IE B.V.
- 2986868** METHOD AND DEVICE FOR REAL TIME ESTIMATION OF THE APPLIED PRESSURE AND OF NOISINESS IN A BRAKE ELEMENT, IN PARTICULAR A BRAKE PAD. ITT Italia S.r.l.
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- 2986930** A METHOD FOR MEASURING BASAL AREA OF TRUNKS IN A FOREST BASED ON DECODING OF PHOTOS TAKEN OF THE FOREST COVER.  
Trestima Oy
- 2986965** A METHOD OF ELECTRICALLY MEASURING THE ELECTRICAL PROPERTIES OF INDIVIDUAL PARTICLES FLOWING IN A LIQUID.  
University of Southampton
- 2987213** SUBSEA POWER DISTRIBUTION DEVICE AND SYSTEM. FMC Kongsberg  
Subsea AS
- 2987226** PRODUCTION LINES FOR PRODUCING CORE COMPONENTS OF DYNAMO ELECTRIC MACHINES. ATOP S.p.A.
- 2987251** SCHEDULING METHOD AND APPARATUS FOR BEAMFORMING IN MOBILE COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 2987318** SYSTEM AND METHOD FOR THE DISTRIBUTION OF AUDIO AND PROJECTED VISUAL CONTENT. Oohms NY LLC
- 2987771** FLUIDIZED BED REACTOR AND METHOD THEREOF FOR PREPARING HIGH-PURITY GRANULAR POLYCRYSTALLINE SILICON. Jiangsu Zhongneng Polysilicon Technology Development Co., Ltd.
- 2988388** POWER CONTROL SYSTEM, POWER CONTROL DEVICE, AND METHOD FOR CONTROLLING POWER CONTROL SYSTEM. KYOCERA Corporation
- 2988597** MACROLIDES AND METHODS OF THEIR PREPARATION AND USE.  
President and Fellows of Harvard College
- 2988655** CONTOUR INTEGRATION PERIMETRY VISION TEST. Genentech, Inc.
- 2988659** IMPROVED METHODS OF TISSUE CHARACTERIZATION. University of Maine System Board of Trustees
- 2988679** DYNAMIC LOCKING DEVICE. Medtronic Xomed, Inc.
- 2988700** IMPLANTABLE VASCULAR DEVICE HAVING LONGITUDINAL STRUTS. Vascular Dynamics, Inc.
- 2988708** ANKLE BRACE. Mueller Sports Medicine, Inc.
- 2988806** SUPPLEMENTAL DEVICE FOR USE WITH AN INJECTION DEVICE.  
Sanofi-Aventis Deutschland GmbH
- 2988837** TRAINING DEVICE FOR A BOARDSPORT. Claustre, Fanny; David, Thomas
- 2988897** INDEXABLE CUTTING INSERT, CUTTING INSERT HOLDER, CUTTING TOOL, TURNING DEVICE AND TURNING METHOD. Sumitomo Electric Hardmetal Corp.
- 2988963** CONTROL SYSTEM, VEHICLE AND METHOD. Jaguar Land Rover Limited
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- 2989050** A METHOD FOR PRODUCING ZETA NEGATIVE NANODIAMOND DISPERSION AND ZETA NEGATIVE NANODIAMOND DISPERSION. Carbodeon Ltd Oy
- 2989057** ELECTRO-CHEMICAL FILTER APPARATUS. PERMASCAND AB
- 2989066** OPEN-CELL MATERIALS FOR USE IN THERMOCHEMICAL FUEL PRODUCTION PROCESSES. ETH Zurich
- 2989086** DERIVATIVES OF DOLASTATIN 10 AND AURISTATINS. Pierre Fabre Médicament
- 2989088** DERIVATIVES OF DOLASTATIN 10 AND AURISTATINS. Pierre Fabre Médicament
- 2989211** MEDICAL PROGNOSIS AND PREDICTION OF TREATMENT RESPONSE USING MULTIPLE CELLULAR SIGNALLING PATHWAY ACTIVITIES. Koninklijke Philips N.V.
- 2989286** DOWNHOLE APPARATUS AND METHOD OF USE. Halliburton Energy Services, Inc.
- 2989398** DUCT AND METHODS FOR MAKING AND USING THE DUCT. Carrier Corporation
- 2989458** APPARATUS AND METHOD FOR ANALYZING BLOOD CLOTTING. Medtronic Inc.
- 2989478** SINGLE COAXIAL INTERFACE FOR MAGNETIC RESONANCE (MR) COILS. Koninklijke Philips N.V.
- 2989508** SYSTEM FOR DETECTING THE CLOSURE OF THE CASE OF A PORTABLE OBJECT. ETA SA Manufacture Horlogère Suisse
- 2989539** CONTROLLING RUNTIME ACCESS TO APPLICATION PROGRAMMING INTERFACES. Microsoft Technology Licensing, LLC
- 2989578** SYSTEMS AND METHODS FOR USING MECHANISTIC NETWORK MODELS IN SYSTEMS TOXICOLOGY. Philip Morris Products S.A.
- 2989669** BATTERIES CONTACTING SYSTEM AND PROCESS FOR ITS PRODUCTION. ElringKlinger AG
- 2989713** KINETIC ENERGY ACCUMULATOR AND DEVICE FOR UNINTERRUPTED ELECTRIC POWER SUPPLY. Hitzinger Electric Power GmbH
- 2989767** METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING DATA IN MULTICARRIER COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.; Industry-Academic Cooperation Foundation Yonsei University
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- 2989840** METHOD AND APPARATUS FOR DETERMINING A POSITION OF USER EQUIPMENT. Telefonaktiebolaget LM Ericsson (publ)
- 2989854** POWER CONTROLLED HEATING SYSTEM. Kima Heating Cable AB
- 2990735** AIR CONDITIONER, AND METHOD FOR MANUFACTURING AIR CONDITIONER. Gree Electric Appliances, Inc. of Zhuhai
- 2990812** BATTERY MONITORING DEVICE AND BATTERY SYSTEM USING SAME. Hitachi Astemo, Ltd.
- 2991046** PAPER SHEET HANDLING SYSTEM AND PAPER SHEET HANDLING METHOD. Glory Ltd.
- 2991081** INSULATED WIRE AND ELECTRICAL AND ELECTRONIC EQUIPMENT, MOTOR, AND TRANSFORMER USING SAME. Essex Furukawa Magnet Wire Japan Co., Ltd.
- 2991238** METHOD AND DEVICE FOR TRANSMITTING SIGNAL. Huawei Technologies Co., Ltd.
- 2991465** ELECTRONIC CONTROL DEVICE. Hitachi Astemo, Ltd.
- 2991474** A CARTRIDGE, AND A TEAT CUP. DeLaval Holding AB
- 2991520** PROTECTIVE HEADWEAR. Albertelli, Aldino; Cioni, Riccardo
- 2991619** STABLE PHARMACEUTICAL COMPOSITION CONTAINING FOLATES. Aprofol AG
- 2991667** HIGHLY CONCENTRATED FORMULATIONS OF SOLUBLE FC GAMMA RECEPTORS. SuppreMol GmbH
- 2991762** CATALYTIC METHODS FOR CONVERTING NAPHTHA INTO OLEFINS. Saudi Basic Industries Corporation
- 2992175** SEALABLE WELLSITE VALVE AND METHOD OF USING SAME. National Oilwell Varco, L.P.
- 2992176** METHOD AND SYSTEM FOR DIRECTIONAL DRILLING. Shell Internationale Research Maatschappij B.V.
- 2992177** METHOD AND SYSTEM FOR DIRECTIONAL DRILLING. Shell Internationale Research Maatschappij B.V.
- 2992313** METHOD FOR CHARACTERISING A PRODUCT BY TOPOLOGICAL SPECTRAL ANALYSIS. Topnir Systems SAS
- 2992364** METHOD AND APPARATUS FOR MONITORING THE FLOW OF MIXTURES OF FLUID IN A PIPE. Flodatix Limited
- 2992439** SELECTIVE BACKUP OF PROGRAM DATA TO NON-VOLATILE MEMORY. Amazon Technologies, Inc.
- 2992915** MEDICAL AID. Terumo Kabushiki Kaisha
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- 2993555** SCREEN OPERATION METHOD FOR ELECTRONIC DEVICE BASED ON ELECTRONIC DEVICE AND CONTROL ACTION. Samsung Electronics Co., Ltd.
- 2993792** LDPC CODED MODULATION IN COMBINATION WITH 8PSK AND 16APSK. Saturn Licensing LLC
- 2994030** A DISHWASHER WITH IMPROVED DRYING PERFORMANCE. Arçelik Anonim Sirketi
- 2994172** SHEET FOR CUTANEOUS APPLICATION CONTAINING VITAMIN E OR AN ESTER THEREOF. HULKA S.R.L.
- 2994243** GLOSS DEGREE ADJUSTMENT OF PLASTICS SUBSTRATES HAVING A METALLIC FINISH. Oerlikon Surface Solutions AG, Pfäffikon
- 2994517** METHOD FOR CO<sub>2</sub> EOR. Equinor Energy AS
- 2994696** A LIGHT EMITTING DIODE MODULE. Signify Holding B.V.
- 2994942** METHOD OF MANUFACTURING ELECTRODE OF SOLAR CELL. Hanwha Chemical Corporation
- 2994990** ELECTRONIC CIRCUIT AND METHOD FOR ADJUSTING START-UP CHARACTERISTICS OF DRIVE SIGNALS APPLIED TO AN ELECTRIC MOTOR. Allegro MicroSystems, LLC
- 2995893** REFRIGERATOR. LG Electronics Inc.
- 2996567** IMAGING APPARATUS FOR BRACHYTHERAPY OR BIOPSY. Koninklijke Philips N.V.
- 2996917** VEHICLE SPEED CONTROL SYSTEM. Jaguar Land Rover Limited
- 2997033** FUSED TRICYCLIC HETEROCYCLIC COMPOUNDS AS HIV INTEGRASE INHIBITORS. Merck Sharp & Dohme Corp.
- 2997916** REMOTELY ADJUSTABLE TISSUE DISPLACEMENT DEVICE. Synthes GmbH
- 3005028** UBIQUITOUS NATURAL USER SYSTEM FOR HUMAN-MACHINE INTERACTION. The Boeing Company
- 3005136** SYSTEMS AND METHODS FOR FEEDBACK WHILE DESIGNING AN ARCHITECTURAL STRUCTURE. Sefaira, Inc.
- 3005417** INTEGRATING MULTI-OUTPUT POWER CONVERTERS HAVING VERTICALLY STACKED SEMICONDUCTOR CHIPS. Texas Instruments Incorporated
- 3005513** MASTER-SLAVE MULTI-PHASE CHARGING. Qualcomm Incorporated
- 3009901** CONTROLLER FOR A CHILLER AND METHOD FOR CONTROLLING A CHILLER. LG Electronics Inc.
- 3010102** POWER CONVERSION DEVICE. Hitachi Astemo, Ltd.
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- 3010523** ROSEBURIA FLAGELLIN AND IMMUNE MODULATION. 4D Pharma Research Limited
- 3010853** EXFOLIATING-DISPERSING AGENTS FOR NANOTUBES, BUNDLES AND FIBERS. Nanocomp Technologies, Inc.
- 3018524** DISPLAY DEVICE. Sony Group Corporation
- 3020378** BAND ASSEMBLY FOR STERNUM REPAIR. Inter Medical Services, Ltd
- 3023776** ANION SENSOR. Hitachi High-Tech Corporation
- 3024028** UNCOOLED INFRARED DETECTOR AND METHODS FOR MANUFACTURING THE SAME. Mikrosens Elektronik San. ve Tic. A.S.
- 3029500** MULTICORE FIBER CONNECTION METHOD. Fujikura Ltd.
- 3034294** HEAT-RAY-SHIELDING RESIN SHEET MATERIAL, VEHICLE, AND BUILDING. Sumitomo Metal Mining Co., Ltd.
- 3040746** DISPLAY AND LABELED ARTICLE. Toppan Printing Co., Ltd.
- 3040747** DISPLAY AND LABELED ARTICLE. Toppan Printing Co., Ltd.
- 3042611** X-RAY IMAGING SYSTEM FOR MEDICAL USE. HAMAMATSU PHOTONICS K.K.
- 3048637** EXPOSURE APPARATUS AND EXPSURE METHOD. Nikon Corporation
- 3054448** INFORMATION RECORDING MEDIUM. Memory-Tech Holdings Inc.; Sharp Kabushiki Kaisha
- 3057504** FITNESS MONITOR. Garmin Switzerland GmbH
- 3061011** METHOD FOR OPTIMIZING INDEX, MASTER DATABASE NODE AND SUBSCRIBER DATABASE NODE. Huawei Technologies Co., Ltd.
- 3065339** RECORD AND PLAYBACK IN A CONFERENCE. American Teleconferencing Services, Ltd.
- 3067501** HINGE DEVICE FOR DOORS, SHUTTERS OR THE LIKE. In & Tec S.r.l.
- 3068014** ENERGY CONVERSION AND STORAGE DEVICE USING ELECTROMAGNETIC WAVE. Pomumidea
- 3073486** COORDINATED CONTROL OF ADAPTIVE NOISE CANCELLATION (ANC) AMONG EARSPEAKER CHANNELS. Cirrus Logic, Inc.
- 3075302** ELEMENTS FOR POSITIONING, AIMING, GUIDING AND HOLDING THE INTUBATION PROBE FOR LARYNGOSCOPE BLADE. Jacques, Vincent
- 3075437** EXHAUST GAS TREATMENT SYSTEM. Mitsubishi Heavy Industries, Ltd.
- 3075441** IMPROVED APPARATUS FOR DISPERSING A WATER-SOLUBLE POLYMER. SPCM SA
- 3075496** METHOD FOR IMPROVING OPERATION OF A ROBOT. Honda Research Institute Europe GmbH
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- 3075691** DEPTH SENSOR BASED SENSING FOR SPECIAL PASSENGER CONVEYANCE LOADING CONDITIONS. Otis Elevator Company
- 3076051** INTEGRATED DRIVE GENERATOR WITH PLANET GEAR SYSTEM. Hamilton Sundstrand Corporation
- 3078359** MAT BASED ANTENNA AND HEATER SYSTEM, FOR USE DURING MEDICAL PROCEDURES. Covidien LP
- 3078777** ASSEMBLY OF WATERSIDE REVETMENT ELEMENTS. H.H. Martens & Zoon B.V.
- 3078795** HOLDING DEVICE FOR A SLIDING DOOR. Schulte Duschkabinenbau GmbH & Co. KG
- 3078800** GLAZING SYSTEM. Alutec Oy
- 3078806** AIRFOIL WITH PRESSURE SIDE RECESS. Raytheon Technologies Corporation
- 3078947** NODAL DYNAMIC DATA ACQUISITION AND DISSEMINATION. ITT Manufacturing Enterprises LLC
- 3079016** CONTROL DEVICE FOR THE CONTROL OF AT LEAST ONE MANIPULATOR OF A PROJECTION LENS. Carl Zeiss SMT GmbH
- 3081152** ELECTRODE FOR A USER WEARABLE APPARATUS. Nokia Technologies Oy
- 3081207** USE OF A LIPOSOME COMPOSITION. Symrise AG
- 3081351** HAND-HELD ROBOT CONTROL APPARATUS, AND ASSOCIATED METHOD. KUKA Deutschland GmbH
- 3081828** REDUCTION GEAR DEVICE. Nabtesco Corporation
- 3081845** A SUPPORT STRUCTURE FOR LIGHTING DEVICES AND CORRESPONDING METHOD. OSRAM GmbH
- 3081849** LIGHTING SYSTEM FOR MOTOR VEHICLE HEADLIGHT COMPRISING A SPACE-EFFICIENT LIGHTING MODULE. VALEO VISION
- 3081877** HEAT EXCHANGER UNIT. Daikin Europe N.V.; DAIKIN INDUSTRIES, LTD.
- 3081926** SYSTEM AND METHOD FOR ACQUIRING IMAGES OF SURFACE TEXTURE. Cognex Corporation
- 3081953** NMR TRANSMITTING/RECEIVING COIL ARRANGEMENT. Bruker Switzerland AG
- 3081960** TIME-OF-FLIGHT SAFETY PHOTOELECTRIC BARRIER AND METHOD OF MONITORING A PROTECTIVE FIELD. Rockwell Automation Switzerland GmbH
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- 3082068** TRAVELING ROAD SURFACE DETECTION DEVICE AND TRAVELING ROAD SURFACE DETECTION METHOD. Toyota Jidosha Kabushiki Kaisha
- 3082119** DISTANCE MEASUREMENT OF VEHICLES. VITRONIC Dr.-Ing. Stein Bildverarbeitungssysteme GmbH
- 3082225** METHOD FOR DESIGNING A ROTOR STRUCTURE OF A SYNCHRONOUS RELUCTANCE ELECTRIC MACHINE, AND CORRESPONDING ROTOR FOR A SYNCHRONOUS RELUCTANCE ELECTRIC MACHINE. Ge Avio S.r.l.
- 3082279** PARAMETER CONTROLLER, COMPUTER PROGRAM AND PARAMETER CONTROLLING METHOD. YAMAHA CORPORATION
- 3085337** PROSTHESIS FOR SUPPORTING A BREAST STRUCTURE. Sofradim Production
- 3085393** FRAGRANCE DISPENSER. Personnel Hygiene Services Limited
- 3085396** RESORBABLE OXIDIZED CELLULOSE EMBOLIZATION SOLUTION. Covidien LP
- 3085444** MICROFLUIDIC DEVICE FOR CONTROLLING THE FLOW OF A FLUID. Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 3085526** SOUND ABSORBING AND INSULATING MATERIAL WITH SUPERIOR MOLDABILITY AND APPEARANCE AND METHOD FOR MANUFACTURING THE SAME. Hyundai Motor Company
- 3085529** FLEXIBLE VENEER PANEL WITH METAL MESH LAYER. Goodrich Corporation
- 3085810** COMPOSITION FOR LAYERED TRANSITION METAL CHALCOGENIDE COMPOUND LAYER AND METHOD OF FORMING LAYERED TRANSITION METAL CHALCOGENIDE COMPOUND LAYER. Samsung Electronics Co., Ltd.
- 3085853** PVC SELF-ADHESIVE FLOORBOARD WITH WATER-RESISTANT GLUE. JIANGSU BBL HOME TECHNOLOGY COMPANY LIMITED
- 3085925** DE-ICING SPLITTER LIP FOR AXIAL TURBOMACHINE COMPRESSOR. Safran Aero Boosters SA
- 3085962** BIDIRECTIONAL AXIAL FAN DEVICE. Sanyo Denki Co., Ltd.
- 3086001** PLUG SCREW. Johannes Schäfer vormals Stettiner Schraubenwerke GmbH & Co. KG
- 3086144** FIBRE OPTIC DEVICE AND METHOD FOR MANUFACTURING THE SAME. LEONI Kabel GmbH
- 3086154** LENS MOVING APPARATUS AND CAMERA MODULE AND PORTABLE TERMINAL INCLUDING THE SAME. LG Innotek Co., Ltd.
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- 3086236** BUS COMMUNICATIONS WITH MULTI-DEVICE MESSAGING.  
BlackBerry Limited
- 3086321** DESIGNATING PARTIAL RECORDINGS AS PERSONALIZED  
MULTIMEDIA CLIPS. ARRIS Enterprises LLC
- 3086368** ELECTRONIC CHIP COMPRISING A PROTECTED REAR SURFACE.  
Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 3086445** ELECTROMECHANICAL ACTUATOR DAMPING. Goodrich Actuation  
Systems Limited
- 3086448** GROUNDING DEVICE FOR ELECTRIC MACHINE AND METHODS OF  
ASSEMBLING THE SAME. Regal Beloit America, Inc.
- 3086459** POWER CONVERSION DEVICE. Mitsubishi Electric Corporation
- 3086460** TRIBOELECTRIC GENERATOR. Samsung Electronics Co., Ltd.
- 3086464** METHOD FOR OPERATING AN ELECTRIC MACHINE AND DRIVE.  
Baumüller Nürnberg GmbH
- 3086564** FLAT PANEL SPEAKER MOUNT. Amina Technologies Limited
- 3086573** A HEARING DEVICE CONFIGURED TO BE PLACED IN THE EAR  
CANAL OF A USER. Oticon A/S
- 3087951** BREAST IMPLANT INTRODUCER. Spronken, Caius Leonard Anthony
- 3088010** BIOACTIVE COLLAGEN BIOMATERIALS AND METHODS FOR  
MAKING. DiCosmo, Frank
- 3088064** VIBRATION SIGNAL GENERATION PROGRAM, VIBRATION SIGNAL  
GENERATION SYSTEM, VIBRATION SIGNAL GENERATION  
APPARATUS, VIBRATION SIGNAL GENERATION METHOD, AND DATA  
OUTPUT PROGRAM. NINTENDO CO., LTD.
- 3088171** MANUFACTURING METHOD OF COMPOSITE STRUCTURES WITH  
CURING TOOLS ARRANGED OUTSIDE THE VACUUM BAG. Airbus  
Operations, S.L.
- 3088336** BELT CONVEYOR DEVICE FOR TRANSPORTING OBJECTS, IN  
PARTICULAR BULK MATERIAL. VHV Anlagenbau GmbH
- 3088620** GLAZING WITH SUPPORT STRUCTURE FOR INSULATING GLASS  
PANES. Neumaier, Christian
- 3089069** SYSTEM FOR PRIVACY-PRESERVING MONETIZATION OF BIG DATA  
AND METHOD FOR USING THE SAME. Palo Alto Research Center,  
Incorporated
- 3089211** METHOD FOR PACKAGING AN ELECTRONIC CIRCUIT. THALES
- 3089299** FIRE PROTECTION SWITCH FOR IDENTIFYING ARCING FAULTS.  
Siemens Aktiengesellschaft
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- 3089303** BUILT-IN TEST CIRCUITS FOR TRANSIENT VOLTAGE PROTECTION DEVICES. Hamilton Sundstrand Corporation
- 3089450** SAMPLE REGION MERGING. GE Video Compression, LLC
- 3090638** NUTRITIONAL SUPPLEMENT TO TREAT SIGNS OF VITAMIN D3 DEFICIENCY. Löffler, Bernd-Michael
- 3090822** METHOD AND SYSTEM FOR DEFINING THE POSITION OF A FASTENER WITH A PEEN MARK. The Boeing Company
- 3091065** LUBRICANT COMPOSITION, AND PREPARATION METHOD AND USE THEREOF. China Petroleum&Chemical Corporation; Beijing Research Institute of Chemical IndustryChina Petroleum & Chemical Corporation
- 3091361** INERTIAL SENSING SYSTEMS AND METHODS OF MANUFACTURING THE SAME. General Electric Company
- 3092888** AGRICULTURAL MACHINE. Forage Innovations B.V.
- 3093108** INFORMATION PROCESSING METHOD AND INFORMATION PROCESSING APPARATUS. Canon Kabushiki Kaisha
- 3093124** IMPROVEMENTS IN ADDITIVE LAYER MANUFACTURING METHODS. Rolls-Royce plc
- 3095658** METHOD AND CONTROL DEVICE FOR RECOVERY OF ENERGY IN A HYBRID VEHICLE. MAN Truck & Bus SE
- 3095698** GALLEY CART REFRIGERATION SYSTEM OF AN AIRCRAFT. The Boeing Company
- 3098448** METHOD AND CONTROL LOOP FOR CONTROLLING AN ELECTRIC DRIVE OF AN ELECTRICALLY DRIVEN PNEUMATIC COMPRESSOR OF A MOTOR VEHICLE. MAN Truck & Bus SE
- 3098957** DETECTING DEVICE AND DETECTING METHOD FOR DETECTING OUTPUT IMPEDANCE ANGLE OF INVERTER. Delta Electronics, Inc.
- 3099098** METHOD, DEVICE AND ELECTRONIC TERMINAL FOR INFORMATION REMINDING. Huawei Technologies Co., Ltd.
- 3100587** A DC HEATER. Cell ID Pte Ltd
- 3103391** IMPLANTABLE DEVICE WITH AN OXYGEN SENSOR. BIOTRONIK SE & Co. KG
- 3103484** METHOD FOR THE TREATMENT OF BIOLOGICAL TISSUE. Biotronik AG
- 3105409** PLUGGING OF A FLOW PASSAGE IN A SUBTERRANEAN WELL. Halliburton Energy Services, Inc.
- 3105602** SENSOR AND METHOD FOR ELECTRIC CURRENT MEASUREMENT. Grno, Ladislav
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- 3109003** QUICK-RELEASE DEVICE FOR SCREWDRIVER BITS. You Lu Enterprise Co., Ltd.
- 3109135** FUNCTION BREAKTHROUGH FOR RECREATIONAL VEHICLE OR CAMPER VAN. Hymer GmbH & Co. KG
- 3110554** DIGITAL PCR DEVICE. Cell ID Pte Ltd
- 3111661** MEDIA CONTENT PLAYBACK MANAGEMENT. Sonos, Inc.
- 3112131** WELDING THERMOPLASTIC STRUCTURES. The Boeing Company
- 3112272** EFFICIENT STATIONKEEPING DESIGN FOR MIXED FUEL SYSTEMS. The Boeing Company
- 3113021** SCHEDULING IN A HIGH-PERFORMANCE COMPUTING (HPC) SYSTEM. Raytheon Company
- 3116825** EDGE COUPLING DEVICE FABRICATION. Huawei Technologies Co., Ltd.
- 3117252** SUSPENDED RIDGE OXIDE WAVEGUIDE. Huawei Technologies Co., Ltd.
- 3117568** CONNECTING A PLURALITY OF SLAVE UNITS TO A MASTER CONTROL UNIT IN A DISTRIBUTED CONTROL SYSTEM. Omron Corporation
- 3117645** EVENT TRIGGER ON WIRELESS DEVICE DETECTION. Signify Holding B.V.
- 3121099** CABLE LUBRICATION DEVICE. Motion Pro. Inc.
- 3121693** METHOD AND APPARATUS FOR DISPLAYING OPERATION INTERFACE, TOUCH SCREEN AND TERMINAL. Honor Device Co., Ltd.
- 3121731** MEMORY MANAGEMENT METHOD AND DEVICE. Huawei Technologies Co. Ltd.
- 3123797** METHOD FOR ALLOCATING RADIO RESOURCES IN A TELECOMMUNICATIONS SYSTEM. Airbus DS SLC
- 3123883** A SOLE OF A SHOE. Sofft Shoe Company, LLC
- 3125330** ORGANIC LIGHT EMITTING DISPLAY DEVICE. LG Display Co., Ltd.
- 3125531** CONTROL METHOD AND DEVICE FOR ADJUSTING SHOOTING FUNCTION. Xiaomi Inc.
- 3125831** DELIVERY AND DEPLOYMENT SYSTEMS FOR BIFURCATED STENT GRAFTS. W. L. Gore & Associates, Inc.
- 3126064** SURFACE FUNCTIONALISATION METHOD. Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 3126100** COLOR- OR GRAYSCALE-SENSING, MAGNETIC, MOBILE, MARKING ROBOT. President and Fellows of Harvard College
- 3126137** PACKING BAG WITH A BIAXIALLY ORIENTED SEALING FILM COMPOSITE. Huhtamaki Flexible Packaging Germany GmbH & Co. KG
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- 3126255** PRESSURISED CONTAINER WITH PRESSURE RELIEF VALVE.  
POLYKEG S.r.l.
- 3126869** PARTITIONING FOR RADAR SYSTEMS. Evolv Technologies, Inc.
- 3126870** FEATURE EXTRACTION FOR RADAR. Evolv Technologies, Inc.
- 3127094** INTERNET PROTOCOL BASED AUDIO ALERT SYSTEM. ICT Global  
Systems Pty Limited
- 3127365** MOBILE NETWORK HANDLING OF UNATTENDED TRAFFIC.  
Telefonaktiebolaget LM Ericsson (publ)
- 3127498** F.A. MATSUKATOV COMPRESSION-DISTRACTION APPARATUS AND  
ASSEMBLY FOR REPOSITIONING SAME. Tovarishchestvo S Ogranichennoy  
Otvetstvennosti "Granika"
- 3127819** TRIPOD HEAD DRIVING DEVICE AND TRIPOD HEAD ASSEMBLY  
USING SAME. SZ DJI Osmo Technology Co., Ltd.
- 3127822** DEBRIS REMOVAL DEVICE AND DEBRIS REMOVAL SYSTEM.  
Astroscale Japan Inc.
- 3128292** PREDICTIVE TRANSIT CALCULATIONS. Google LLC
- 3128397** ELECTRONIC APPARATUS AND TEXT INPUT METHOD FOR THE  
SAME. Samsung Electronics Co., Ltd.
- 3128706** RESOURCE REUSE METHOD AND APPARATUS. HUAWEI  
TECHNOLOGIES CO., LTD.
- 3128749** LIGHT SOURCE SYSTEM AND PROJECTION SYSTEM. Appotronics  
Corporation Limited
- 3128910** PROCESS FOR THE DETERMINATION OF THE CROSS-SECTIONAL  
AREA AND VOLUME OF AN OBJECT. Peracutus Holding B.V.
- 3128961** IMPLANT DELIVERY SYSTEM. Microvention, Inc.
- 3129044** PEPTIDOGLYCAN HYDROLASE FOR USE IN THE TREATMENT OF  
CHRONIC BACTERIAL INFECTIONS. Lysando AG
- 3129070** KIT FOR VIRAL INACTIVATION TREATMENT OF A BIOLOGICAL  
FLUID. Finck, Valérie
- 3129119** FILTER ELEMENT. Donaldson Company, Inc.
- 3129129** MICROPOROUS ARTICLES WITH A THREE-DIMENSIONAL POROUS  
NETWORK OF ACID-SINTERED INTERCONNECTED SILICA  
NANOPARTICLES AND METHODS OF MAKING THE SAME. 3M  
Innovative Properties Company
- 3129143** METHOD FOR PARTITIONING MICROCAPSULES. 10X Genomics, Inc.
- 3129151** FILTERING DEVICE. Teboul, Daniel; Altuglu, Emrah
- 3129166** COMPOSITIONS FOR REMOVABLE LABELS. Avery Dennison Corporation
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- 3129174** LOW PRESSURE SINTERING PASTE. Alpha Assembly Solutions Inc.
- 3129194** PORTABLE PROSTHETIC HAND WITH SOFT PNEUMATIC FINGERS.  
President and Fellows of Harvard College
- 3129211** A METHOD OF MAKING FRAME COMPONENTS FOR SPECTACLES  
AND A COMPONENT MADE BY THIS METHOD. Safilo Società Azionaria  
Fabbrica Italiana Lavorazione Occhiali S.p.A.
- 3129267** SYSTEM AND METHOD FOR DRIVING SCENARIO CONFIGURATION.  
Jaguar Land Rover Limited
- 3129345** METABOTROPIC GLUTAMATE RECEPTOR POSITIVE ALLOSTERIC  
MODULATORS (PAMS) AND USES THEREOF. Sanford-Burnham Medical  
Research Institute
- 3129365** COMPOUNDS AND THE USE THEREOF IN METATHESIS REACTIONS.  
Verbio Vereinigte BioEnergie AG
- 3129420** SILANE TERMINATED ADHESIVE FOR GROUTING JOINTS IN THE  
MARITIME SECTOR. Sika Technology AG
- 3129423** A SYSTEM AND PROCESS FOR PRODUCING VARIOUS MOLECULAR  
WEIGHT MELT POLYCARBONATES. SABIC Global Technologies B.V.
- 3129468** IMPROVED STEM CELL COMPOSITION. Mesoblast International Sàrl
- 3129469** CELL-SURFACE MARKER OF EARLY MSC AGING. The Administrators of  
The Tulane Educational Fund
- 3129515** DEPRESSION OF COPPER AND IRON SULFIDES IN MOLYBDENITE  
FLOTATION CIRCUITS. Tessenderlo Kerley, Inc.
- 3129550** COATED CARDBOARD AND A METHOD OF PRODUCING IT. Metsä  
Board Oyj
- 3129578** SYSTEM AND METHOD FOR INTEGRATED WELLBORE STRESS,  
STABILITY AND STRENGTHENING ANALYSES. Weatherford Technology  
Holdings, LLC
- 3129626** VALVE COMPRISING A STUD FOR SUPPORTING A CABLE RACEWAY.  
Valeo Systèmes De Contrôle Moteur
- 3129682** METHOD FOR EVALUATING THE SHIFTING BEHAVIOUR OF A MOTOR  
VEHICLE TRANSMISSION. AVL List GmbH
- 3129755** IMPROVED VIBRATING FLOWMETER AND RELATED METHODS. Micro  
Motion, Inc.
- 3129809** SEISMIC ADAPTIVE FOCUSING. BP Corporation North America Inc.
- 3129906** SYSTEM FOR SUPPORTING A VETERINARY PRACTICE. Zoetis Services  
LLC
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- 3129920** PARALLELIZING THE TRAINING OF CONVOLUTIONAL NEURAL NETWORKS. Google LLC
- 3129970** DRIVING ACTION CLASSIFYING APPARATUS AND DRIVING ACTION CLASSIFYING METHOD. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3130064** ELECTRIC DRIVE UNIT PROVIDED WITH DRIVE OUTLETS THAT ARE OPERABLE INDEPENDENTLY TO EACH OTHER. Aaco Manufacturing S.r.l.
- 3130099** METHOD FOR A REDUNDANT TRANSMISSION SYSTEM WITH PRP AND ENERGY-SAVINGS. Hirschmann Automation and Control GmbH
- 3130108** SIGNALLING FROM PORT CONNECTIONS TO SWITCHES. Hirschmann Automation and Control GmbH
- 3130166** METHOD FOR VERIFYING AUTHORIZED SIGNER FOR MOBILE DEVICE BASED DOCUMENT ESCROW SERVICE. Citrix Systems Inc.
- 3130366** MEDICAL VALVE. Nipro Corporation
- 3130544** ABLATOR, REENTRY VEHICLE, AND METHODS RESPECTIVELY FOR MANUFACTURING SAID ABLATOR AND SAID REENTRY VEHICLE. Lignyte Co., Ltd.
- 3130637** ACRYLIC RESIN COMPOSITION, ACRYLIC RESIN FILM, AND MOLDED BODY. Mitsubishi Chemical Corporation
- 3130742** SCREEN DEVICE. Hayashiguchi MFG Co., Ltd.
- 3130860** AIR CONDITIONER. Mitsubishi Electric Corporation
- 3131235** METHOD AND APPARATUS FOR CONTROLLING DEVICE. Xiaomi Inc.
- 3131381** SOWING ELEMENT FOR PNEUMATIC PRECISION SEED DRILLS. Maschio Gaspardo S.p.A.
- 3131427** A MODULAR BAG SYSTEM. Kaligis, Shina
- 3131504** LEAFLET ABRASION MITIGATION IN PROSTHETIC HEART VALVES. St. Jude Medical, Cardiology Division, Inc.
- 3131566** BI-TERMINAL PEGYLATED INTEGRIN-BINDING PEPTIDES AND METHODS OF USE THEREOF. The Regents of the University of California
- 3131609** NEEDLE CAPTURE SAFETY INTERLOCK FOR CATHETER. Becton, Dickinson and Company
- 3131631** SITAGLIPTIN TANNATE COMPLEX. Merck Sharp & Dohme LLC
- 3131645** SAFETY METHOD AND SYSTEM FOR LIQUID ELECTROLYTE BATTERY. Phinergy Ltd.
- 3131649** GAMES CONTROLLER. Ironburg Inventions Limited
- 3131690** METHOD FOR PRODUCING WHEEL DISC FORMS ON FLOW-FORMING MACHINES. Maxion Wheels Holding GmbH
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- 3131742** METHOD OF MANUFACTURING A COMPOSITE PART. Hexcel Reinforcements SAS
- 3131808** FLOATABLE SUPPORT STRUCTURE FOR AN OFFSHORE WIND TURBINE OR OTHER DEVICE. Copple, Robert W.
- 3131837** OPERATING VEHICLE, METHOD FOR MOVING AN OPERATING VEHICLE AT A STORAGE RACK ARRANGEMENT, AND STORAGE RACK ARRANGEMENT. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3131855** CATALYTIC METHOD FOR PRODUCED WATER TREATMENT. Siemens Energy, Inc.
- 3131856** THE PRODUCTION OF HYDROGEN AND OTHER GASEOUS OR LIQUID PRODUCTS IN AN ACCELERATED BIOPROCESS. Hakalehto, Eino Elias
- 3131866** NEW SOIL ACTIVATOR CONTAINING AMMONIUM LIGNOSULFONATE, AND USES THEREOF. Earth Alive Clean Technologies Inc.
- 3131888** PRODUCTION OF STARTING MATERIALS CONTAINING 2-SUBSTITUTED 4-HYDROXY-4-METHYL-TETRAHYDROPYRANES FROM 2-ALKYL-4,4-DIMETHYL-1,3-DIOXANE. BASF SE
- 3131897** FACTOR IXA INHIBITORS. Mochida Pharmaceutical Co., Ltd.; Merck Sharp & Dohme Corp.
- 3131902** COMPOUNDS AS MODULATORS OF ROR GAMMA. Boehringer Ingelheim International GmbH
- 3131929** ANTIBODIES FOR THE PREVENTION OR THE TREATMENT OF BLEEDING EPISODES. Université Paris-Saclay; Centre Hospitalier Regional Universitaire de Lille; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Lille
- 3131958** POLYMER-BASED FOAM COMPOSITIONS COMPRISING INORGANIC PARTICULATE FILLERS. IMERTECH SAS
- 3131978** CORROSION-RESISTANT COATING COMPOSITION. SWIMC LLC
- 3131989** LOW TOXICITY SOLVENT SYSTEM FOR POLYAMIDEIMIDE AND POLYAMIDE AMIC ACID RESIN COATING. CYMER-DAYTON, LLC
- 3132021** AMMONIA-OXIDIZING NITROSOMONAS EUTROPHA STRAIN D23. Aobiome LLC
- 3132034** THERAPEUTIC. Nemesis Bioscience Ltd.
- 3132233** FLOW METER. Dieterich Standard, Inc.
- 3132281** ULTRASONIC IMAGING COMPRESSION METHODS AND APPARATUS. Butterfly Network Inc.
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- 3132301** EYEGLOSS LENS FOR A DISPLAY DEVICE, WHICH DISPLAY DEVICE CAN BE PLACED ON THE HEAD OF A USER AND GENERATES AN IMAGE. tooz technologies GmbH
- 3132331** HAPTIC SYSTEM AND OPERATING METHOD. Technische Universität Berlin
- 3132348** PROCESSING DATA FROM MULTIPLE SOURCES. AB Initio Technology LLC
- 3132359** GENERATION OF DOCUMENT EDITORS HAVING FUNCTIONS SPECIFIED BY ROLE POLICIES. OpenText Corporation
- 3132439** MUSICAL SOUND GENERATOR. Elby Innovation Limited
- 3132441** ARCHITECTURE OF SINGLE SUBSTRATE ULTRASONIC IMAGING DEVICES, RELATED APPARATUSES. Butterfly Network, Inc.
- 3132470** ULTRASONIC TRANSDUCERS IN COMPLEMENTARY METAL OXIDE SEMICONDUCTOR (CMOS) WAFERS AND RELATED APPARATUS AND METHODS. Butterfly Network Inc.
- 3132550** DETECTING TRAFFIC LOAD FOR A TELECOMMUNICATIONS SYSTEM USING NARROWBAND SIGNAL MONITORING. CommScope Technologies LLC
- 3132553** APPARATUS AND METHOD SEARCHING NEIGHBORING CELLS IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3132661** DIE PACKAGE COMPRISING DIE-TO-WIRE CONNECTOR AND A WIRE-TO-DIE CONNECTOR CONFIGURED TO COUPLE TO A DIE PACKAGE. Qualcomm Incorporated
- 3133027** SEALED CONTAINER FOR PRESSURIZED BEVERAGE AND MANUFACTURING METHOD THEREFOR. Nippon Closures Co., Ltd.
- 3133098** COMPOSITION FOR OPTICAL MATERIAL AND METHOD FOR PRODUCING SAME, AND OPTICAL MATERIAL PRODUCED FROM COMPOSITION FOR OPTICAL MATERIAL. Mitsubishi Gas Chemical Company, Inc.
- 3133123** SEMIAROMATIC POLYAMIDE RESIN COMPOSITION AND FORMED BODY OBTAINED BY FORMING SAME. UNITIKA LTD.
- 3133149** METHOD FOR PREPARING OSTEOBLASTS AND OSTEOBLAST INDUCER. Kyoto Prefectural Public University Corporation
- 3133197** SHEET MANUFACTURING DEVICE AND METHOD. Seiko Epson Corporation
- 3133394** METHOD FOR MEASURING TOXICITY OF HUMAN CSF. Kyowa Kirin Co., Ltd.
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- 3133562** PAPER-SHEET AUTHENTICITY DETERMINATION DEVICE AND PAPER-SHEET AUTHENTICITY DETERMINATION METHOD. Glory Ltd.
- 3133923** AAV-BASED GENE THERAPY FOR MULTIPLE SCLEROSIS. University of Florida Research Foundation, Inc.
- 3133950** INTERCHANGEABLE CHASSIS FOR CLEATED FOOTWEAR. NIKE Innovate C.V.
- 3133977** DETECTING SEIZURES BASED ON HEARTBEAT DATA. Cyberonics, Inc.
- 3133983** APPARATUSES AND METHODS FOR REGISTERING A REAL-TIME IMAGE FEED FROM AN IMAGING DEVICE TO A STEERABLE CATHETER. Veran Medical Technologies, Inc.
- 3134016** FLEXIBLE IMPLANT FOR DISTRACTION. Kyon AG
- 3134052** SYRINGE ADAPTER WITH DISCONNECTION FEEDBACK MECHANISM. Becton Dickinson and Company Limited
- 3134111** MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS NEUTRALIZING ANTIBODIES AND METHODS OF USE THEREOF. Dana-Farber Cancer Institute, Inc.
- 3134124** IGF-1R ANTIBODY-DRUG-CONJUGATE AND ITS USE FOR THE TREATMENT OF CANCER. Pierre Fabre Médicament
- 3134136** REMOVABLE CARTRIDGE FOR LIQUID DIFFUSION DEVICE WITH A CARTRIDGE INSERT. Prolitec Inc.
- 3134168** PRE-MOLDED SUB-ASSEMBLIES FOR IMPLANTABLE MEDICAL LEADS. Medtronic Inc.
- 3134169** IMPLANTABLE EXTRAVASCULAR ELECTRICAL STIMULATION LEAD HAVING IMPROVED SENSING AND PACING CAPABILITY. Medtronic Inc.
- 3134291** VEHICLE AND CONTROL METHOD FOR VEHICLE. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3134321** HIGH-SPEED AIRPLANE DEICING INSTALLATION SYSTEMS AND METHODS. Luca, Valentin
- 3134348** DESALINATION METHOD. El Ayi, Alain
- 3134407** SALTS AND POLYMORPHS OF A SUBSTITUTED IMIDAZOPYRIDINYL-AMINOPYRIDINE COMPOUND. ArQule, Inc.
- 3134466** FLUID CONTROL FILMS WITH HYDROPHILIC SURFACES, METHODS OF MAKING SAME, AND PROCESSES FOR CLEANING STRUCTURED SURFACES. 3M Innovative Properties Company
- 3134630** FLUID VALVE. Valeo Systèmes de Contrôle Moteur
- 3134659** FLUID ACTUATED OVER-CENTER CLUTCH FOR A PTO. Twin Disc, Inc.
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- 3134707** CALIBRATION OF MEASUREMENT PROBES. Renishaw PLC
- 3134728** OPTOGENETIC ANALYSIS OF COMPOUNDS. Q-State Biosciences, Inc.
- 3134787** AIRCRAFT AIRFRAME ASSEMBLY. BAE Systems PLC
- 3134802** PRESSURE SENSITIVE PERIPHERAL DEVICES, AND ASSOCIATED METHODS OF USE. Activbody, Inc.
- 3134894** AN ACOUSTIC PRODUCT COMPOSED OF COMPOSITE MATERIAL. Oy All-plast Ab; Flaxwood Oy
- 3134906** CONTINUOUSLY TRANSPOSED CONDUCTOR. ESSEX FURUKAWA MAGNET WIRE USA LLC
- 3134963** RESONANT CONVERTER, HIGH VOLTAGE GENERATOR AND X-RAY TUBE COMPRISING THE RESONANT CONVERTER, AND METHOD FOR CONTROLLING A RESONANT CONVERTER. Koninklijke Philips N.V.
- 3134978** SYSTEMS AND METHODS FOR CLIP PREVENTION IN A CATV NETWORK. ARRIS Enterprises LLC
- 3135011** PHASE NOISE TRACKING AND REDUCTION. Nokia Solutions and Networks Oy
- 3135045** METHOD FOR COMPUTING SETS OF SIGNAL PROCESSING PARAMETERS FOR A HEARING ASSISTANCE DEVICE, CORRESPONDING SERVER AND SYSTEM. Northwestern University
- 3135072** SELECTION OF ANCHOR CONTROLLERS FOR ACCESS POINTS WITHIN A NETWORK ENVIRONMENT. Hewlett Packard Enterprise Development LP
- 3135526** DISPLAY SYSTEM. Hyundai Motor Company; Kia Corporation
- 3135716** MACHINED CARBON-FIBER-REINFORCED RESIN PRODUCT HAVING END FACE AND PRODUCTION METHOD THEREFOR. Teijin Limited
- 3135875** EXHAUST PURIFYING SYSTEM. Isuzu Motors Limited
- 3136013** HEAT PUMP CHILLING SYSTEM AND CONTROL METHOD THEREFOR. Mitsubishi Electric Corporation
- 3136128** TRAJECTORY MATCHING USING PERIPHERAL SIGNAL. Samsung Electronics Co., Ltd.
- 3136560** EMBEDDED PERMANENT MAGNET-TYPE ELECTRIC MOTOR, COMPRESSOR, AND REFRIGERATION/AIR-CONDITIONING DEVICE. Mitsubishi Electric Corporation
- 3136561** EMBEDDED PERMANENT MAGNET-TYPE ELECTRIC MOTOR, COMPRESSOR, AND REFRIGERATION/AIR-CONDITIONING DEVICE. Mitsubishi Electric Corporation
- 3136892** AEROSOL DELIVERY DEVICE AND METHOD. Nicoventures Trading Limited
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- 3136926** DISPENSER. Essity Hygiene and Health Aktiebolag
- 3136939** METERING SYSTEM FOR THE DOSED DELIVERY OF CHEMICAL SUBSTANCES STORED IN CONTAINERS TO A DISHWASHING MACHINE OR WASHING MACHINE. Hagleitner, Hans Georg
- 3136948** SYSTEMS AND METHODS FOR NON-INTRUSIVE DRUG IMPAIRMENT DETECTION. Dignity Health; Arizona Board of Regents on behalf of Arizona State University
- 3137010** SURGICAL INSTRUMENTS, INSTRUMENT DRIVE UNITS, AND SURGICAL ASSEMBLIES THEREOF. Covidien LP
- 3137040** ORAL CARE COMPOSITION CONTAINING SILICA AND ZINC CITRATE. Colgate-Palmolive Company
- 3137067** CITICOLINE TO IMPROVE MOTOR FUNCTION. Kyowa Hakko Bio Co., Ltd.
- 3137160** A DEVICE FOR INACTIVATING BACTERIA. Koninklijke Philips N.V.
- 3137209** FUNCTIONALIZED SUPPORT MATERIAL AND METHODS OF MAKING AND USING FUNCTIONALIZED SUPPORT MATERIAL. W.R. Grace & CO. - CONN.
- 3137232** UNITARY SCREEN FRAME AND DISCHARGE SPOUT APPARATUS AND SYSTEM. M-I L.L.C.
- 3137269** WEIGHT MATERIAL CUTTING, DISPENSING AND APPLYING SYSTEMS. INTERNATIONAL WHEEL AND TIRE, INC.
- 3137330** AIR GUIDE AND AIR GUIDE MODULE. Valeo Systemes Thermiques
- 3137335** CONTROL FOR ELECTRICALLY DRIVEN VEHICLE, ELECTRICALLY DRIVEN VEHICLE HAVING CONTROL, AND METHOD. Bayerische Motoren Werke Aktiengesellschaft
- 3137410** CONTAINER-PROCESSING MACHINE AND METHOD FOR PROCESSING CONTAINERS. KHS GmbH
- 3137511** HYDROFLUORINATED OLEFINS (HFO'S) AS DILUENTS FOR BUTYL RUBBER PRODUCTION. Arlanxeo Singapore Pte. Ltd.
- 3137563** NAIL POLISH COMPOSITION BASED ON SOLVENT-FREE AQUEOUS POLYURETHANE DISPERSIONS. Arkema France
- 3137592** SINGLE-USE BIOREACTOR SENSOR ARCHITECTURE. Rosemount Inc.
- 3137777** SYSTEM COMPRISING AN EXTERNALLY THREADED BOLT. Research Engineering & Manufacturing Inc.
- 3137811** LED VENUE LIGHTING SYSTEM. Sportsbeams Lighting, Inc.
- 3137871** SYSTEM FOR EVALUATING THE CONDITION OF A TYRE. Compagnie Générale des Etablissements Michelin
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- 3137887** PHOTOTHERMAL EXAMINATION METHOD AND CORRESPONDING EXAMINATION UNIT. FRAMATOME
- 3137914** SMART SENSOR NETWORK FOR POWER GRID HEALTH MONITORING.  
The University of Akron
- 3137915** STATE OF CHARGE INDICATOR METHOD AND SYSTEM. CPS  
Technology Holdings LLC
- 3137916** BATTERY SLEEP MODE MANAGEMENT METHOD. CPS Technology  
Holdings LLC
- 3137919** METHOD FOR DETECTION OF A BLOCKAGE OF AN ULTRASOUND  
SENSOR OF A VEHICLE, ULTRASOUND SENSOR DEVICE AND  
VEHICLE. Valeo Schalter und Sensoren GmbH
- 3138031** METHOD AND APPARATUS FOR PREDICTING RESPONSE TO FOOD.  
Yeda Research and Development Co., Ltd.
- 3138127** STAGGERED POWER STRUCTURE IN A POWER DISTRIBUTION  
NETWORK (PDN). Qualcomm Incorporated
- 3138168** ELECTRICAL EQUIPMENT TO BE INSERTED INTO AN ELECTRICAL  
BOX WITH AN ADJUSTABLE ORIENTATION. Legrand France; Legrand  
SNC
- 3138187** PARAMETERIZABLE POWER SUPPLY. Phoenix Contact GmbH & Co. KG
- 3138260** AUTHENTICATION MECHANISM. Twitter, Inc.
- 3138302** PERCUTANEOUS VIBRATION CONDUCTOR. Cochlear Limited
- 3138524** APPARATUS FOR DERMATOLOGICAL TREATMENT AND TISSUE  
RESHAPING. The General Hospital Corporation
- 3138793** CONVEYOR DEVICE. Itoh Denki Co., Ltd.
- 3138862** POLYMERIZABLE COMPOSITION FOR OPTICAL MATERIALS,  
OPTICAL MATERIAL PRODUCED FROM SAME, AND METHOD FOR  
PRODUCING SAME. Mitsui Chemicals, Inc.
- 3139509** MULTI-ANTENNA DATA TRANSMISSION METHOD, BASE STATION,  
USER EQUIPMENT AND SYSTEM. Huawei Technologies Co., Ltd.
- 3140081** MANUAL MACHINE TOOL. Hilti Aktiengesellschaft
- 3140118** LAMINATED GLAZING PANE WITH AN EDGE SEAL AND METHOD  
FOR PRODUCING THE SAME. SAINT-GOBAIN GLASS FRANCE
- 3140203** CLOSING DEVICE FOR CONTAINERS. Saint-Gobain Oberland AG
- 3140348** POLYPROPYLENE - POLYETHYLENE BLENDS WITH IMPROVED  
PROPERTIES. Borealis AG
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- 3140481** VEHICLE WITH AN IMPACT DAMPING ARRANGEMENT BETWEEN THE VEHICLE BODY AND A VEHICLE DOOR OR VEHICLE PANEL.  
Bayerische Motoren Werke Aktiengesellschaft
- 3140485** COMPOSITE PROFILE FOR DOORS, WINDOWS OR FAÇADE ELEMENTS. SCHÜCO International KG
- 3140486** DOOR, WINDOW, OR FACADE ELEMENT WITH A SEALING SYSTEM.  
SCHÜCO International KG
- 3140526** METHOD FOR MONITORING THE STATE OF OPENING OF A CONTROL VALVE OF A COOLANT CIRCUIT OF AN INTERNAL COMBUSTION ENGINE, AND DEVICE FOR THE SAME. Arlington Germany GmbH;  
Bayerische Motoren Werke Aktiengesellschaft
- 3141001** SYSTEM, APPARATUS AND METHOD FOR CONSISTENT ACOUSTIC SCENE REPRODUCTION BASED ON ADAPTIVE FUNCTIONS. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3141122** DEVICE AND METHOD FOR LATERALLY IMPACTING A STRIP OF DOUGH. Fritsch Bakery Technologies GmbH & Co. KG
- 3142408** SYSTEM AND METHOD FOR MANAGING INVALID REFERENCE SUBFRAMES FOR CHANNEL STATE INFORMATION FEEDBACK.  
QUALCOMM Incorporated
- 3142593** SURGICAL ROBOTIC ARM SUPPORT SYSTEMS AND METHODS OF USE. Covidien LP
- 3143383** DETECTING THE FLUORESCENCE OF AN INDICATOR IN A GAS TIGHT PACKAGE CONTAINING PRODUCTS WITH LIMITED SHELF LIFE.  
Tescense GmbH
- 3143489** OUTPUT SYSTEM, TERMINAL APPARATUS, AND OUTPUT METHOD.  
Ricoh Company, Ltd.
- 3143696** OPERATING DEVICE, IN PARTICULAR FOR AN ELECTRONIC HOUSEHOLD APPLIANCE. Diehl AKO Stiftung & Co. KG
- 3144052** HYBRID NANOPARTICLE TFC MEMBRANES. NanoH2O, Inc.
- 3144054** POLYAMIDE TFC MEMBRANES PREPARED USING MONO-HYDROLYZED TRIMESOYL CHLORIDE. NanoH2O, Inc.
- 3144709** MULTI-CORE OPTICAL FIBER, MULTI-CORE OPTICAL FIBER CABLE, AND MULTI-CORE OPTICAL FIBER TRANSMISSION SYSTEM. Sumitomo Electric Industries, Ltd.
- 3144776** CUSTOMIZING HAPTIC FEEDBACK FOR LIVE EVENTS. Immersion Corporation
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- 3145021** SECONDARY-BATTERY MONITORING DEVICE AND METHOD FOR PREDICTING CAPACITY OF SECONDARY BATTERY. Vehicle Energy Japan Inc.
- 3145411** METHOD FOR 3-D CEPHALOMETRIC ANALYSIS. Carestream Dental Technology Topco Limited
- 3145496** CAPSULE SHELLS COMPRISING AN ESTERIFIED CELLULOSE ETHER. Nutrition & Biosciences USA 1, LLC
- 3145498** DISPERSION COMPRISING A PARTIALLY NEUTRALIZED ESTERIFIED CELLULOSE ETHER. Nutrition & Biosciences USA 1, LLC
- 3145843** VORTEX EFFECT PRODUCTION DEVICE AND METHOD FOR IMPROVED TRANSPORT OF MATERIALS THROUGH A TUBE, PIPE, OR CYLINDER STRUCTURE. Scruggs, James
- 3146430** SYSTEM AND METHOD FOR SUPPORTING A DISTRIBUTED DATA STRUCTURE IN A DISTRIBUTED DATA GRID. Oracle International Corporation
- 3146478** METHOD FOR PRODUCING A FILM WHICH SERVES AS A CARRIER FOR ELECTRONIC COMPONENTS. Giesecke+Devrient Mobile Security GmbH
- 3147560** HYBRID OPTICAL INTEGRATOR COMPONENT AND OPTICAL SYSTEM COMPRISING SAME. Guangzhou Haoyang Electronic Co., Ltd.
- 3147594** VALVE FOR A REFRIGERATION SYSTEM. Parker-Hannifin Corporation
- 3147734** SET OF ACTUATOR UNITS THAT DRIVE A CONTROL SURFACE OF AN AIRPLANE. Nabtesco Corporation
- 3149291** CAMSHAFT HAVING A CLOSING COVER. thyssenkrupp Dynamic Components TecCenter AG; thyssenkrupp AG
- 3149384** PLUG-IN CONNECTOR FOR FLUID LINES WITH INNER ADAPTER SLEEVE. Voss Automotive GmbH
- 3149706** IMAGE REFOCUSING FOR CAMERA ARRAYS. Intel Corporation
- 3151527** APPARATUS AND METHOD. Sony Group Corporation
- 3153460** CONTAINER WITH PRESSURE RELIEF VALVE. Dispack-Projects NV
- 3155080** NANO-TRIBOLOGY COMPOSITIONS AND RELATED METHODS INCLUDING HARD PARTICLES. Nanomech Inc.
- 3155230** MULTI-PIECE SHROUD HANGER ASSEMBLY. General Electric Company
- 3158572** TRIP ASSEMBLY FOR ELECTRICAL SWITCHING APPARATUS. Eaton Intelligent Power Limited
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- 3159618** SWITCHING AND MIXING DEVICE, INDOOR AIR TREATMENT SYSTEM AND DESIGN METHOD FOR AN INDOOR AIR TREATMENT SYSTEM. Howatherm Klimatechnik GmbH
- 3161221** A CONNECTOR FOR A DOME STRUCTURE. Sun, Xiaoping
- 3162760** OZONE GENERATING SYSTEM AND OPERATION METHOD THEREOF. Mitsubishi Electric Corporation
- 3162943** METHOD FOR ESTIMATING THE AMOUNT OF LAUNDRY IN A ROTATING DRUM OF A LAUNDRY WASHING MACHINE. ELECTROLUX APPLIANCES AKTIEBOLAG
- 3165600** CELL CULTURE MEDIUM COMPRISING SMALL PEPTIDES. Life Technologies Corporation
- 3166306** VIDEO-PROCESSING DEVICE, VIDEO PROCESSING METHOD, AND PROGRAM. Sony Group Corporation
- 3168044** HEAT-SHRINKABLE MULTILAYER FILM. Kureha Corporation
- 3168295** CELL CULTURE MEDIUM COMPRISING SMALL PEPTIDES. Life Technologies Corporation
- 3173111** EXTERNAL FUNCTIONAL DEVICE AND BLOOD TREATMENT DEVICE WITH AN EXTERNAL FUNCTIONAL DEVICE ACCORDING TO THE INVENTION. Fresenius Medical Care Deutschland GmbH
- 3173772** GAS SENSOR, REFRIGERATOR INCLUDING SAME AND CONTROL METHOD THEREFOR. Samsung Electronics Co., Ltd.
- 3177013** IMAGE PREDICTION METHOD AND RELEVANT DEVICE. Huawei Technologies Co. Ltd.
- 3177035** SPEAKER MODULE, ELECTRONIC DEVICE INCLUDING THE SPEAKER MODULE, AND DISPLAY DEVICE INCLUDING THE ELECTRONIC DEVICE. LG ELECTRONICS INC.
- 3179222** SHELF-LIFE MONITORING SENSOR-TRANSPONDER SYSTEM. Infratab, Inc.
- 3180942** UPDATING WLAN AGGREGATION CONFIGURATION. Telefonaktiebolaget LM Ericsson (publ)
- 3184614** PROCESS FOR BIOMASS TORREFACTION. Biomass Secure Power Inc.
- 3185058** OPTICAL FIBER CONNECTOR. China Aviation Optical-Electrical Technology Co. Ltd.; ZTE Corporation
- 3186306** EXPANDED POLYMER PELLETS. Adidas AG
- 3190456** DISPLAY DEVICE. LG Electronics Inc.
- 3193024** HYDRAULIC CONTROL DEVICE FOR WORK MACHINE. Hitachi Construction Machinery Co., Ltd.
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- 3197702** A SYSTEM FOR DETECTING THE EXISTENCE OF ILLEGAL ACTIVE SUBSTANCES IN A DRIVER OF A VEHICLE. Cristofaro, Sergio; Netcom Industry S.r.l.
- 3199084** A BASKET SYSTEM. Vestel Beyaz Esya Sanayi ve Ticaret A.S.
- 3206299** BUILT-IN PLC FUNCTION TYPE DRIVE CONTROL DEVICE. Fuji Electric Co., Ltd.
- 3209053** METHOD FOR CONTROLLING UPLINK TRANSMIT POWER IN INTER-BASE STATION CARRIER AGGREGATION, BASE STATION, AND DEVICE. Huawei Technologies Co., Ltd.
- 3214379** AIR CONDITIONER. GD Midea Air-Conditioning Equipment Co., Ltd.
- 3214380** AIR CONDITIONER. GD Midea Air-Conditioning Equipment Co., Ltd.
- 3220676** METHOD AND APPARATUS FOR SENDING INFORMATION. ZTE Corporation
- 3226086** METHOD FOR PUTTING INTO OPERATION CONTROL MODULES OF A BUILDING AUTOMATION SYSTEM. SOMFY ACTIVITES SA
- 3228227** FURNITURE SYSTEM. Bulthaup GmbH & Co. KG
- 3228282** EXPANDABLE INTERBODY IMPLANT. Howmedica Osteonics Corp.
- 3228291** FLEXIBLE FILM FOR SMALL FILM BANDS. Nitto Advanced Film Gronau GmbH
- 3228365** FIRE SUPPRESSION SYSTEM AND METHOD. Kidde Graviner Limited
- 3228875** IMPROVED FAN FOR SMOKE AND VAPOUR EXTRACTION SYSTEM, IN PARTICULAR FOR KITCHENS AND EXTRACTION SYSTEM INCORPORATING SUCH A FAN. Faber S.p.A.
- 3228974** ROUGHNESS MEASURING PROBE, DEVICE WITH ROUGHNESS MEASURING PROBE AND CORRESPONDING USE. Klingelberg AG
- 3228987** COMPACT RESONANT OPTICAL GYROMETER WITH THREE FREQUENCIES. THALES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; Ecole Normale Supérieure Paris-Saclay
- 3229175** MOBILE DEVICE AND METHOD TO GENERATE INPUT DATA FOR BUILDING AUTOMATION CONFIGURATION FROM CABINET IMAGES. ABB Schweiz AG
- 3229330** PLASMA CONFINEMENT OF A LASER GAIN MEDIA FOR GAIN-AMPLIFIED LASERS. The Boeing Company
- 3229483** EXTRACTION OF VIDEO STREAMS. Squadeo
- 3229546** ENHANCED FREQUENCY SELECTION. Nokia Solutions and Networks Oy
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- 3230809** METHOD FOR GENERATING THREE DIMENSIONAL OBJECT MODELS FOR AN ADDITIVE MANUFACTURING PROCESS. Hewlett-Packard Development Company, L.P.
- 3230847** SOFT-PROOF FILE GENERATION BASED ON PRINT-READY DATA. Instituto Atlântico; Hewlett-Packard Development Company, L.P.
- 3231373** SURGICAL INSTRUMENT WITH MULTIPLE PROGRAM RESPONSES DURING A FIRING MOTION. Ethicon LLC
- 3231390** OPERATING ROOM LIGHTHEAD AND METHOD FOR PRESENTING ILLUMINATION ADJUSTMENT INSTRUCTIONS TO AN OPERATOR OF THE OPERATING ROOM LIGHTING SYSTEM. Merivaara Oy
- 3231462** MEDICAL DEVICE WITH MONITORING DEVICE. B. Braun Avitum AG
- 3231465** EXTRACORPOREAL ALARM SUPPRESSION DEVICE. B. Braun Avitum AG
- 3231533** APPARATUS FOR THE AUTOMATIC STARTUP OF A CONTINUOUS CASTING LINE. Bruno Presezzi S.p.A.
- 3231595** COMPOSITE AND METHOD FOR PRODUCING A COMPOSITE FOR AN ACOUSTIC COMPONENT. Sefar AG
- 3231783** PROCESS FOR OBTAINING A MULTILAYER PLATE OF COMPOSITE MATERIAL. Paola Lenti S.r.l.
- 3231809** ORGANIC ELECTROLUMINESCENT MATERIALS AND DEVICES. Universal Display Corporation
- 3231814** A METHOD FOR PRODUCING ANTIGEN-SPECIFIC B CELLS AND THEIR USE FOR THE PRODUCTION OF HYBRIDOMA CELLS AND MONOCLONAL ANTIBODIES. BioGenes GmbH
- 3231909** GRIPPER FOR A GRIPPER WEAVING MACHINE AND METHOD FOR MANUFACTURING SUCH A GRIPPER. Vandewiele NV
- 3231937** PRODUCTION LINE FOR PRODUCING FIBER WEBS AND A COOLER. Valmet Technologies Oy
- 3232032** COOLING AIR ARCHITECTURE FOR COMPACT SIZE AND PERFORMANCE IMPROVEMENT. Raytheon Technologies Corporation
- 3232118** HEADLIGHT MODULE FOR MOTOR VEHICLE. Valeo Vision
- 3232222** A RADAR SENSOR UNIT WITH TWO HOUSING PARTS. Veoneer Sweden AB
- 3232237** OPTICAL COMPONENT AND METHOD OF MANUFACTURING THE SAME. CANON KABUSHIKI KAISHA
- 3232296** HARD DRIVE TRAY. Quanta Computer, Inc
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- 3232435** ACOUSTIC PANEL WITH CORRUGATED BAFFLES AND SEPTUMS.  
Rohr, Inc.
- 3232513** SYSTEM FOR BALANCING ELECTRICAL POTENTIAL GRADIENTS AND  
POTENTIAL EQUALISATION TERMINAL THEREFOR. R + R WILDEN  
GmbH
- 3232553** DC-DC CONVERTER. NXP B.V.
- 3232653** IMAGE RECORDING APPARATUS AND METHOD FOR CONTROLLING  
THE SAME. Canon Kabushiki Kaisha
- 3232717** METHODS OF PROVIDING POWER HEADROOM REPORTS ARRANGED  
IN ORDER OF COMPONENT CARRIER INDICES AND RELATED  
WIRELESS TERMINALS AND BASE STATIONS. Telefonaktiebolaget LM  
Ericsson (publ)
- 3233503** TARGET FOR A PRINTING AND CUTTING PROCESS. Hewlett-Packard  
Development Company, L.P.
- 3235443** MENISCAL REPAIR DEVICES, SYSTEMS, AND METHODS. Medos  
International S.à.r.l
- 3235445** SURGICAL INSTRUMENT COMPRISING A LOCKOUT. Ethicon LLC
- 3235626** METHOD AND APPARATUS FOR APPLYING A LAYER HAVING A  
RELIEF ON A FLAT FACE OF A SUBSTRATE. IAI industrial systems B.V.
- 3235698** VEHICLE TRAVEL CONTROL APPARATUS. TOYOTA JIDOSHA  
KABUSHIKI KAISHA
- 3235722** HAT SECTION DOOR FRAME WITH INTEGRAL GUSSETS. The Boeing  
Company
- 3235764** METHOD AND APPARATUS FOR SYNCHRONIZED FEEDING OF  
ARTICLES ONTO A SORTING CONVEYOR. BEUMER Group GmbH & Co.  
KG
- 3235969** REMOVABLE CLADDING SYSTEM. Marchesi, Renato
- 3235976** USE OF HEAT-REFLECTING MATS TO REDUCE THE U-VALUE OF  
EXISTING WOOD-TRUSS HALLS, STEEL AND ALUMINUM-STEEL  
BUILDINGS, SCAFFOLD STRUCTURES OR MARQUEES AND SIMILAR  
NON-AIR-SUPPORTED EXISTING BUILDINGS.. Ming, Niklaus
- 3236011** ROTOR WITH OVERHANG ON ROTOR BLADES FOR A SECURING  
ELEMENT. Rolls-Royce Deutschland Ltd & Co KG
- 3236018** SYSTEM FOR AN IMPROVED STATOR ASSEMBLY. Raytheon  
Technologies Corporation
- 3236058** A METHOD OF OPERATING A PROPULSION SYSTEM FOR AN  
AIRCRAFT. General Electric Company
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- 3236156** COMBUSTOR THERMAL SHIELD FABRICATION METHOD. Raytheon Technologies Corporation
- 3236171** SMOKE EXTRACTOR BOX. Soler & Palau Research, S.L.
- 3236212** METHOD FOR GENERATING NAVIGATION DATA AND A NAVIGATION DEVICE FOR PERFORMING THE METHOD. Volvo Car Corporation
- 3236241** METHOD AND DEVICE FOR MEASURING OPTICAL CHARACTERISTICS OF A SAMPLE. COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; Université Pierre et Marie Curie
- 3236286** AUTO COMMISSIONING SYSTEM AND METHOD. Otis Elevator Company
- 3236331** METHOD FOR OPTIMISING IMAGES TAKEN BY AN AIRBORNE RADAR IMAGING DEVICE, AND MISSION SYSTEM IMPLEMENTING SUCH A METHOD. THALES
- 3236352** AUTOMATED GRAPHICAL USER INTERFACE CONFIGURATION. AVEVA Software, LLC
- 3236357** SYSTEM AND METHOD FOR MANAGING SINGLE EVENT LATCHED (SEL) CONDITIONS. Hamilton Sundstrand Corporation
- 3236405** SELECTING AN APPLICATION ON A CARD. IDEMIA France
- 3236541** ELECTRICAL INTERCONNECT ARRANGEMENTS. Hamilton Sundstrand Corporation
- 3236717** METHOD, DEVICE AND SYSTEM FOR CONTROLLING SMART LIGHT. Beijing Xiaomi Mobile Software Co., Ltd.
- 3238672** OUTER BLADDER PROSTHESIS. CASVEN-MED S.r.l.
- 3238683** BED, IN PARTICULAR HOSPITAL OR HOME CARE BED, WITH MEANS FOR HELPING AN INDIVIDUAL TO STAND UP COMPRISING A SENSOR WITH FASTENING ELEMENTS. Wissner-Bosserhoff GmbH
- 3238693** HAIR TREATMENT METHOD AND KIT THEREOF. Wella Operations US, LLC
- 3238783** HAIR TREATMENT METHOD AND KIT THEREOF. Wella Operations US, LLC
- 3238784** HAIR TREATMENT METHOD AND KIT THEREOF. Wella Operations US, LLC
- 3238785** HAIR TREATMENT METHOD AND KIT THEREOF. Wella Operations US, LLC
- 3238806** USE OF A FILTER ELEMENT AND SUCTION CLEANER WITH A FILTER HOLDER FOR SUCH A FILTER ELEMENT. Nilfisk A/S
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- 3238817** PROCESS FOR THE PARTIAL OXIDATION OF FUELS AND THE DEVICE FOR APPLYING SAID PROCESS. Blueplasma Power, S.L.
- 3238920** LUMINOUS DEVICE COMPRISING AT LEAST TWO LASER-WELDED PORTIONS. Valeo Iluminacion
- 3239002** EXHAUST GAS EXTRACTOR. KORA GmbH
- 3239045** ROD END. Goodrich Corporation
- 3239080** STACKING MAGAZINE FOR PIECE GOODS MADE OF FLAT MATERIAL. Pouch Partners GmbH
- 3239086** SOLUTION FOR MONITORING AN ELEVATOR BRAKE. KONE Corporation
- 3239349** WEAR RESISTANT TETRAHEDRAL DIAMOND LIKE CARBON LAYER. IHI Ionbond AG
- 3239493** SIMPLE HEAT EXCHANGER USING SUPER ALLOY MATERIALS. Raytheon Technologies Corporation
- 3239521** LINEAR COMPRESSOR. LG Electronics Inc.
- 3239597** LIGHTING APPARATUS. LG Innotek Co., Ltd.
- 3239621** METHOD FOR DETECTING DEFICIENCIES OF A HEATING DEVICE. Electricité de France
- 3239747** POLARIZATION MEMBER AND DISPLAY DEVICE INCLUDING THE SAME. Samsung Display Co., Ltd.
- 3239837** METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM. Nordic Semiconductor ASA
- 3239938** A COIN DEPOSIT AND DISPENSING MACHINE AND A METHOD FOR CONTROLLING OUTPUT OF COINS FROM A COIN DEPOSIT AND DISPENSING MACHINE. SCAN COIN AB
- 3240168** POWER SUPPLY AND DRIVE DEVICE WITH POWER FACTOR CORRECTION FOR A PERMANENT MAGNET ELECTRIC MOTOR. Phase Motion Control S.p.A.
- 3240171** DC/DC CONVERTER WITH BURST MODE USING DYNAMICALLY ADJUSTABLE PEAK CURRENT CONTROL. MediaTek Singapore Pte. Ltd.
- 3240184** METHOD FOR IMPLEMENTING A PMG VARIABLE SPEED CONSTANT FREQUENCY GENERATING SYSTEM AND A CONTROL PROCESSOR. Hamilton Sundstrand Corporation
- 3240187** VEHICLE. DENSO CORPORATION
- 3240329** METHOD IN A SERVING GATEWAY, SGW, INVOLVING CHANGE OF MME WHEN ISR IS USED. NEC Corporation
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- 3240375** ELECTRONIC MODULE WITH A HOLDER ELEMENT COMPRISING AN OPTIMIZED DESIGN FOR IMPROVED THE SURFACE UTILISATION OF THE PRINTED CIRCUIT BOARD. Schaeffler Technologies AG & Co. KG
- 3241528** EXPANDABLE VERTEBRAL IMPLANT. Globus Medical, Inc.
- 3241627** A ROLLER CAGE FOR A PROFILING LINE. FIVES OTO S.P.A.
- 3241644** RESIDUAL STRESS EVALUATION METHOD. Mitsubishi Heavy Industries, Ltd.
- 3241800** INDUSTRIAL TRUCK WITH A DEVICE FOR REDUCING VIBRATIONS. Jungheinrich Aktiengesellschaft
- 3241813** PROCESS FOR MANUFACTURING A MINERAL INSULATING MATERIAL. Baustoffwerke Löbnitz GmbH & Co. KG
- 3241814** ADDITIVE MANUFACTURE OF HIGH TEMPERATURE OBJECTS. Hexcel Corporation
- 3241952** MOMENT RESISTING BI-AXIAL BEAM-TO COLUMN JOINT CONNECTION. MiTek Holdings, Inc.
- 3242003** LIQUID INJECTION APPARATUS AND COMPRESSOR ASSEMBLY HAVING THE SAME. General Electric Company
- 3242082** TILTABLE WALL-FIRED GAS BURNER. Babcock Power Services, Inc.
- 3242174** CONTROL SYSTEM, CONTROL METHOD, CONTROL PROGRAM, AND RECORDING MEDIUM. Omron Corporation
- 3242368** OVER-VOLTAGE AND GROUND FAULT PROTECTION FOR BUS CONNECTORS. Siemens Schweiz AG
- 3243752** METHOD AND APPARATUS OF DETECTING LIQUID WATER IN A CLOUD WITH A MAGNETOSTRICTIVE RESONATOR. Rosemount Aerospace Inc.
- 3243905** HERBICIDE-RESISTANT BRASSICA PLANTS AND METHODS OF USE. BASF SE; Viterra, Inc.
- 3243955** DEVICE FOR FOLDING OF TEXTILES, PREFERABLY ITEMS OF CLOTHING. Herbert Kannegiesser GmbH
- 3243993** DEVICE AND METHOD FOR FIXING A COMPONENT IN AN OPENING BOUNDED BY A SUPPORT SURFACE. SFS Group International AG
- 3243996** PLATE-SHAPED WOOD SYSTEM AND METHOD FOR MANUFACTURING A PLATE-SHAPED WOOD SYSTEM. Lindauer AG
- 3244193** METHOD AND APPARATUS FOR PREDICTING CONCENTRATION OF ANALYTE. Samsung Electronics Co., Ltd.
- 3244202** PIPING INSPECTION APPARATUS. Hitachi, Ltd.
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- 3244524** POWER CONVERTER AND CONTROL METHOD THEREOF. Delta Electronics (Shanghai) Co., Ltd.
- 3246121** MACHINE TOOL WITH EQUIPMENT BODY. Festool GmbH
- 3246203** A TOWABLE TROLLEY FOR THE TRANSPORT OF EQUIPMENT. Manitou Italia S.r.l.
- 3246383** SYNERGISTIC DISPERSANTS. Afton Chemical Corporation
- 3246758** COMMUNICATION DEVICE, METHOD FOR CONTROLLING THE SAME, AND PROGRAM. Canon Kabushiki Kaisha
- 3247027** METHOD OF MANUFACTURING A LAMINATION STACK FOR USE IN AN ELECTRICAL MACHINE. SKF MAGNETIC MECHATRONICS
- 3248547** BIOPSY DEVICE WITH TISSUE SENSOR. Devicor Medical Products, Inc.
- 3248738** GRIPPING DEVICE WITH MEMBRANE AND SUCTION CUP. PSA Automobiles SA
- 3249573** FINGERPRINT RECOGNITION DEVICE AND TOUCH APPARATUS. BOE Technology Group Co., Ltd.
- 3249612** GENERATION OF A CONTROL STREAM FOR A TILE. Imagination Technologies Limited
- 3250035** COMPOUNDS AND THEIR USE AS BACE1 INHIBITORS. Allgenesis Biotherapeutics Inc.
- 3251638** PLANNING DEVICE FOR A TREATMENT DEVICE FOR USE IN EYE SURGERY. Carl Zeiss Meditec AG
- 3252484** METHOD AND DEVICE FOR DETECTING OF ELECTRIC ARC FAULTS IN AN UNEARTHED POWER SUPPLY SYSTEM. Bender GmbH & Co. KG
- 3252508** METHOD FOR EXPLOITING HYDROCARBONS FROM AN UNDERGROUND FORMATION, BY MEANS OF OPTIMAL SCALING. IFP Energies nouvelles; Centre National de la Recherche Scientifique; Université de Nice
- 3254786** TAILSTOCK TRANSFERRING APPARATUS. DN Solutions Co., Ltd.
- 3254791** PLACEMENT APPARATUS FOR SHAFT BODY INSERTS. JDC, Inc.
- 3254943** QUICK-MOUNT CRANK-PEDAL MECHANISM FOR BICYCLE FOR CHILDREN. Royalbaby Cycle Beijing Co., Ltd.
- 3255184** STRETCHING SYSTEM FOR TEXTILE FIBRES. Trützschler Group SE
- 3255235** HINGE PROVIDING CUSHIONING EFFECT AND APPARATUS PROVIDED WITH THE HINGE. Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.; Midea Group Co., Ltd.
- 3255690** METHOD OF MANUFACTURING A DISPLAY DEVICE. Samsung Display Co., Ltd.
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- 3255831** SYSTEM AND METHOD FOR PROVIDING HARDWARE BASED FAST AND SECURE EXPANSION AND COMPRESSION FUNCTIONS. The Boeing Company
- 3258441** TEMPLATE CREATION DEVICE AND TEMPLATE CREATION METHOD. Omron Corporation
- 3258525** FUEL PROCESSING APPARATUS FOR FUEL CELL, AND FUEL CELL SYSTEM. Doosan Corporation
- 3258809** JEWELRY ELEMENT AND PRODUCTION METHOD. Alexander Wilser GmbH
- 3259664** BINARY TRANSLATION ON SHARED OBJECT LEVEL. Google LLC
- 3260265** NOZZLE AND METHOD FOR EXTRUSION OF COMPOSITE MATERIAL. The Boeing Company
- 3261111** VARIABLE FARADAY SHIELD FOR A SUBSTRATE HOLDER, A CLAMPING RING, OR AN ELECTRODE, OR THEIR COMBINATION IN A PLASMA REACTOR, USE OF THE VARIABLE SHIELD AND METHOD FOR CONTROLLING ROUGHNESS. NATIONAL CENTER FOR SCIENTIFIC RESEARCH "DEMOKRITOS"; Gogolides, Evangelos
- 3262110** IMPREGNATING RESINS WHICH ARE STABLE WHEN STORED AND ELECTRO ISOLATION TAPES. Siemens Energy Global GmbH & Co. KG
- 3263244** ROLLING FLAT DIE FOR SCREW COMPONENT AND ROLLING WORKING METHOD. Sanshu Co., Ltd.
- 3266156** NETWORK INFRASTRUCTURE DEVICE TO IMPLEMENT PRE-FILTER RULES. Hewlett Packard Enterprise Development LP
- 3267835** FEEDING DEVICE FOR FEEDING BATCHES OF BRISTLE FILAMENTS TO A BRISTLE FILAMENT CARTRIDGE. M+C Schiffer GmbH
- 3268605** ROTOR BLADE WITH SERRATIONS FOR WIND TURBINE. Siemens Gamesa Renewable Energy A/S
- 3270135** MACHINE FOR ADJUSTMENT OF TURBINE COMPRESSOR VARIABLE GEOMETRY (VG) COMPONENTS. Przedsiębiorstwo "Cimat" Spolka z Ograniczona Odpowiedzialnoscia
- 3272120** ADAPTIVE PERCEPTUAL MAPPING AND SIGNALING FOR VIDEO CODING. ARRIS Enterprises LLC
- 3275564** CURVING METHOD. Mitsubishi Heavy Industries, Ltd.
- 3276298** METHOD OF IRRADIATING ELECTROMAGNETIC PULSE AND ELECTROMAGNETIC PULSE IRRADIATION SYSTEM. Mitsubishi Heavy Industries, Ltd.
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- 3276857** METHOD, DEVICE, AND SYSTEM FOR DATA TRANSMISSION. Huawei Technologies Co., Ltd.
- 3277105** HOMOGENIZED TOBACCO MATERIAL AND METHOD OF PRODUCTION OF HOMOGENIZED TOBACCO MATERIAL. Philip Morris Products S.A.
- 3277282** DASATINIB FOR USE IN THE TREATMENT, REGRESSION OR DECELERATING THE PROGRESS OF FIBROTIC LUNG DISEASES. Istanbul Universitesi Rektörlüğü
- 3277298** IMPLANTABLE INTESTINAL REACTOR. Centre Hospitalier Universitaire Grenoble; UNIVERSITE GRENOBLE ALPES
- 3277743** HYPERBRANCHED POLYMERS AND POLYPLEXES AND DNA OR RNA DELIVERY SYSTEMS INCLUDING THE SAME. The Regents of The University of Michigan
- 3277891** METHOD OF OPERATING A PILE DRIVING ASSEMBLY. IHC Holland IE B.V.
- 3277932** ROTOR ASSEMBLY AND TURBINE ENGINE WITH GAS BEARINGS INCLUDING SUCH A ROTOR ASSEMBLY. Liebherr-Aerospace Toulouse SAS
- 3278138** RADAR INTERFERENCE MITIGATION METHOD AND APPARATUS. MediaTek Inc.
- 3278192** MULTILAYER STRUCTURE FOR CAPACITIVE PRESSURE SENSING. Tacto Tek OY
- 3278199** TOUCHPAD AND SYSTEM FOR DETECTING AN OBJECT ON A DETECTION SURFACE, AND GENERATING AND RELEASING OBJECT-SPECIFIC INFORMATION. Bauer, Jörg R.
- 3278224** STORAGE DEVICE FAILURE POLICIES. Hewlett Packard Enterprise Development LP
- 3278541** MANAGING MBMS MEMBERSHIP AT THE SERVICE CAPABILITY EXPOSURE FUNCTION. InterDigital Patent Holdings, Inc.
- 3278603** SYSTEM ENHANCEMENTS FOR USING EXTENDED DRX. Interdigital Patent Holdings, Inc.
- 3278752** BONE PLATE SYSTEM WITH INSERTS FOR CONTACTING AN ADJACENT BONE SURFACE. Stryker European Operations Holdings LLC
- 3278753** SURGICAL INSTRUMENT CONTROL. Intuitive Surgical Operations, Inc.
- 3278803** SOLID PHARMACEUTICAL DOSAGE FORM OF PARP INHIBITOR, AND APPLICATION OF SOLID PHARMACEUTICAL DOSAGE FORM OF PARP INHIBITOR. Impact Therapeutics (Shanghai), Inc
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- 3279323** AMADORIASE HAVING IMPROVED SPECIFIC ACTIVITY. Kikkoman Corporation
- 3279580** AIR-CONDITIONING DEVICE. Mitsubishi Electric Corporation
- 3279954** PROCESS FOR PRODUCING A PIEZOELECTRIC FILM. Ideal Star Inc.
- 3280250** WATERING SYSTEM WITH ADAPTIVE COMPONENTS. Husqvarna AB
- 3280253** APPARATUS FOR HYDROPONIC CULTIVATION. Eden Green Global Technologies Limited
- 3280262** SYNERGISTIC BENZOXABOROLE-CONTAINING ANTI-FUNGICIDAL COMPOSITION. The Penn State Research Foundation
- 3280326** MOBILE THREE-LEAD CARDIAC MONITORING DEVICE. Heartbeam, Inc.
- 3280361** SPINAL IMPLANTS CONFIGURED FOR TISSUE SPARING ANGLE OF INSERTION. Centinel Spine, LLC
- 3280417** XANTHINE-SUBSTITUTED ALKYNYL CARBAMATES/REVERSE CARBAMATES AS A2B ANTAGONISTS. Lewis and Clark Pharmaceuticals, Inc.
- 3280425** METHODS FOR INDUCING CELL DIVISION OF POSTMITOTIC CELLS. The J. David Gladstone Institutes, A Testamentary Trust Established under The Will of J. David Gladstone
- 3280443** ANTIBODY THERAPEUTICS THAT BIND CD38. Sorrento Therapeutics, Inc.
- 3280447** PHARMACEUTICAL FORMULATIONS. Torrent Pharmaceuticals Limited
- 3280463** COMPOSITIONS FOR CELL-BASED THREE DIMENSIONAL PRINTING. Revotek Co., Ltd
- 3280469** FLUID MEASURING RESERVOIR FOR BREAST PUMPS. Willow Innovations, Inc.
- 3280483** DEVICE FOR ADMINISTERING A SUBSTANCE. The General Hospital Corporation; Massachusetts Institute of Technology
- 3280486** REDUCED LARSEN EFFECT ELECTRODE. Alpha Omega Engineering Ltd.
- 3280496** EXTENDED LONGEVITY FRAGRANCE DELIVERY COMPOSITION. Momentive Performance Materials Inc.
- 3280508** METHOD FOR CHROMATOGRAPHY. Cytiva BioProcess R&D AB
- 3280511** HIGHLY STABLE NI-M F6-NH<sub>2</sub>O/ONPYRAZINE<sub>2</sub>(SOLVENT)X METAL ORGANIC FRAMEWORKS AND METHODS OF USE. King Abdullah University of Science and Technology
- 3280572** CUTTING WHEELS AND KNIFE ASSEMBLIES THEREOF FOR CUTTING PRODUCTS. URSCHEL LABORATORIES, INC.
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- 3280581** METHOD AND SYSTEM FOR THE PRODUCTION OF DECONTAMINATED NATURAL RUBBER. Compagnie Générale des Etablissements Michelin
- 3280585** METHOD AND SYSTEM FOR LAYER-WISE GENERATION OF THREE-DIMENSIONAL MODELS FROM POWDERED MATERIAL. "Print Cast" Ltd.
- 3280626** ELECTRICAL MOTOR SCOOTER. Ujet S.A.
- 3280628** RAIL VEHICLE. Pääkaupunkiseudun Kaupunkiliikenne Oy
- 3280672** SERVICE ACCESS ASSEMBLY FOR AN ELEVATOR CAR AND METHOD. Otis Elevator Company
- 3280675** LIFTING APPARATUS. Grey Orange Pte. Ltd.
- 3280741** REACTOR SYSTEMS AND PROCESSES RELATED THERETO. ExxonMobil Chemical Patents Inc.
- 3280857** VEHICLE DOOR LOCK. Kiekert AG
- 3280863** CONSTRUCTION FRAME DEFINING AN ARCHITECTURAL OPENING DURING CONSTRUCTION WORKS; KIT IN PARTS COMPRISING SUCH CONSTRUCTION FRAME AND USE OF SUCH CONSTRUCTION FRAME. Munters, Magalie; Crombez, Hugo
- 3280933** A METAL MESH WITH A LOW ELECTRICAL RESISTANCE CONVERSION COATING FOR USE WITH AIRCRAFT STRUCTURES. The Patent Well LLC
- 3280957** PROCESSING SYSTEM FOR RECOVERING HEAT, AND A METHOD FOR OPERATING SAME. Synhelion SA
- 3280961** SNOWMAKING AUTOMATION SYSTEM AND MODULES. Snow Logic, Inc.
- 3280973** ELEVATION ANGLE ESTIMATING SYSTEM AND METHOD FOR USER TERMINAL PLACEMENT. Worldvu Satellites Limited
- 3280980** MEASURING A SPATIOTEMPORAL RELATIONSHIP BETWEEN TWO POSITIONS OF A VIBRATORY FLOW TUBE IN A VIBRATORY FLOW METER. Micro Motion, Inc.
- 3281001** MAGNET ARRAYS FOR MAGNETIC RESONANCE MEASUREMENTS. Baker Hughes Holdings LLC
- 3281007** EARLY DETECTION OF REDUCED BONE FORMATION WITH AN NMR SCANNER. Ramot at Tel-Aviv University Ltd.
- 3281014** A TEST DEVICE FOR DETECTING AN ANALYTE IN A SALIVA SAMPLE AND METHOD OF USE. Bludiagnosics, Inc.
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- 3281020** OPPORTUNISTIC CALIBRATION OF A SMARTPHONE ORIENTATION IN A VEHICLE. Appy Risk Technologies Limited
- 3281051** A METHOD OF SZ STRANDING FLEXIBLE MICROMODULES. Prysmian S.p.A.
- 3281073** METHOD AND SYSTEM FOR MANAGING PLANT ALARM SYSTEMS. General Electric Company
- 3281077** LOCATION AND POSITION DETECTION FOR A CONVEYING APPARATUS. pentanova cs GmbH
- 3281129** POINT TO POINT BASED BACKEND COMMUNICATION LAYER FOR STORAGE PROCESSING. Pure Storage, Inc.
- 3281148** REMOTE VIEW SYSTEM WITH PRIVACY PROTECTION. Robert Bosch GmbH
- 3281151** METHODS AND DEVICES FOR LIVE CELL IMAGING ANALYSIS. President and Fellows of Harvard College; Nikon Corporation
- 3281183** METHOD OF VERIFYING AN AUTHENTICITY OF A PRINTED ITEM AND DATA PROCESSING TERMINAL. FiliGrade B.V.
- 3281192** ACOUSTIC LINER AND METHOD OF CONSTRUCTING AN ACOUSTIC LINER. MRA Systems, LLC
- 3281229** MONOLITHIC INTEGRATED CIRCUIT (MMIC) STRUCTURE HAVING COMPOSITE ETCH STOP LAYER AND METHOD FOR FORMING SUCH STRUCTURE. Raytheon Company
- 3281276** ESTABLISHING CONNECTIONS WITH CHARGERS IN MULTI-CHARGER WIRELESS POWER DELIVERY ENVIRONMENTS. Ossia Inc.
- 3281334** METHOD AND APPARATUS FOR TRANSMITTING HARQ-ACK FEEDBACK INFORMATION IN AN ENHANCED CARRIER AGGREGATION SYSTEM. Samsung Electronics Co., Ltd.
- 3281348** METHOD FOR PERFORMING A RANDOM ACCESS PROCEDURE IN A CARRIER AGGREGATION WITH AT LEAST ONE SCELL OPERATING IN AN UNLICENSED SPECTRUM AND A USER EQUIPMENT THEREFOR. LG Electronics Inc.
- 3281375** METHOD OF REDUCING THE PEAK FACTOR OF A MULTICHANNEL EMISSION BY INTELLIGENT AND ADAPTIVE CLIPPING/FILTERING. Thales
- 3281391** WEB ENABLED INTERFACE FOR AN EMBEDDED SERVER. OMRON Corporation
- 3281417** SYSTEMS AND METHOD FOR ADJUSTING AUDITORY PROSTHESES SETTINGS. Cochlear Limited
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- 3281453** METHOD AND CONTROL NODE FOR SELECTION OF A NETWORK PARTITION AND CORRESPONDING ROUTING OF A RECEIVED MESSAGE. Telefonaktiebolaget LM Ericsson (publ)
- 3281463** NETWORK LOCATION REPORTING BROADCAST BEARER MANAGEMENT. Nokia Solutions and Networks Oy
- 3281712** WORKPIECE CLEANING DEVICE COMPRISING A ROTATING DRUM FOR WORKPIECE CONVEYANCE. Hiraide Precision CO., LTD.
- 3281732** CUTTING INSERT AND CUTTING-EDGE-REPLACEABLE CUTTING TOOL. Tungaloy Corporation
- 3281756** SHEET MANUFACTURING APPARATUS AND SHEET MANUFACTURING METHOD. Seiko Epson Corporation
- 3281771** SOLID FREEFORM FABRICATION OF SHELLED OBJECTS. Stratasys Ltd.
- 3281924** INTERLAYER FOR LAMINATED GLASS AND LAMINATED GLASS. Sekisui Chemical Co., Ltd.
- 3281934** STABILIZATION OF 2-FLUOROACRYLIC ACID DERIVATIVES WITH ALDEHYDES. Daikin Industries, Ltd.
- 3281935** ACRYLIC ACID DERIVATIVE-CONTAINING COMPOSITION, AND METHOD FOR STABILIZING ACRYLIC ACID DERIVATIVE. Daikin Industries, Ltd.
- 3281945** PHILLYGENIN GLUCURONIC ACID DERIVATIVE, PREPARATION METHOD AND APPLICATION THEREOF. Fu, Li
- 3281995** ADHESIVE TAPE FOR PREVENTING ADHESION OF AQUATIC ORGANISMS. Nitto Denko Corporation
- 3282148** COMBINED OIL CONTROL RING. Kabushiki Kaisha Riken
- 3282360** INFORMATION PROCESSING DEVICE, RELAY DEVICE, INFORMATION PROCESSING SYSTEM, AND SOFTWARE UPDATE METHOD. Sony Interactive Entertainment Inc.
- 3282628** METHOD AND DEVICE FOR TRANSMITTING AND RECEIVING PLURALITY OF D2D SIGNALS IN WIRELESS COMMUNICATION SYSTEM. LG Electronics Inc.
- 3282680** BLOWING ACTION-BASED METHOD FOR OPERATING MOBILE TERMINAL AND MOBILE TERMINAL. Huawei Technologies Co. Ltd.
- 3282723** TERMINAL DEVICE AND MME. Sharp Kabushiki Kaisha
- 3282858** EDIBLE OIL COMPOSITION, PARTICULARLY FOR USE IN FRYING AND COOKING FOOD. Olitalia S.r.l.
- 3282881** FOOTBED FOR ARTICLE OF FOOTWEAR. NIKE Innovate C.V.
- 3282958** DEVICE FOR PERCUTANEOUS TRANSPEDICULAR FUSION. Clariance
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- 3282967** SURGICAL CUTTING INSTRUMENT. Medtronic Xomed, Inc.
- 3282968** ULTRASONIC SURGICAL INSTRUMENT WITH ARTICULATION JOINT HAVING INTEGRAL STIFFENING MEMBERS. Ethicon LLC
- 3282970** ULTRASONIC SURGICAL INSTRUMENT WITH OPPOSING THREAD DRIVE FOR END EFFECTOR ARTICULATION. Ethicon LLC
- 3282973** SURGICAL INSTRUMENT WITH ROTATABLE SHAFT HAVING PLURALITY OF LOCKING POSITIONS. Ethicon LLC
- 3282975** MULTI-PIECE DERMATOME BODY. Zimmer Surgical, Inc.
- 3282980** VERTEBRAL FIXATION DEVICE. Implanet
- 3282983** DEVICE AND SYSTEM FOR FIXING A SPINAL VERTEBRA TO A ROD. Implanet
- 3283009** TRANSCATHETER PROSTHETIC HEART VALVE DELIVERY SYSTEM. Medtronic Inc.
- 3283024** ELECTROPORATION DEVICE FOR THE EYE WITH A SUPPORT AND WITH A NEEDLE ELECTRODE. Eyeevensys; Université Paris Cité; Assistance Publique Hôpitaux de Paris; INSERM (Institut National de la Santé et de la Recherche Médicale); SORBONNE UNIVERSITE
- 3283064** DERIVATIVES USED IN THE TREATMENT OF MUSCLE ATROPHY. Metabrain Research
- 3283066** 4-PHENYLBUTYRIC ACID DERIVATIVES. Phenotec AG
- 3283151** DRY POWDER INHALER AND METHOD OF USE. Philip Morris Products S.A.
- 3283195** SUBSURFACE WATER TREATMENT SYSTEM. General Electric Company
- 3283221** DEVICES, SYSTEMS AND METHODS FOR DISPENSING AND ANALYSING PARTICLES. Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 3283232** TELESCOPIC TUBE. Husqvarna AB
- 3283241** METHOD AND DEVICE FOR MANUFACTURING PLATE PARTS FOR A HEAT EXCHANGER. VAHTERUS OY
- 3283250** MOTORIZED SAW ASSEMBLY AND METHOD OF OPERATING. Robert Bosch GmbH
- 3283257** METHOD AND SYSTEM FOR GRINDING THE EXTERIOR OF SHAFT PARTS BETWEEN TIPS. Erwin Junker Grinding Technology a.s.
- 3283322** DRIVE PROTECTION DEVICE FOR PROTECTING A DRIVE. Siemens Mobility GmbH
- 3283338** SELECTIVE BRAKING FORCE DISTRIBUTION FOR RAIL VEHICLES. KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH
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- 3283451** FERTILIZER CONTAINING AMMONIUM HYDROGEN CARBONATE.  
Tischmacher, Heinz
- 3283452** COATED GRANULAR SUBSTANCE. ASK Chemicals GmbH
- 3283486** MALEATE SALTS OF A B-RAF KINASE INHIBITOR, CRYSTALLINE  
FORMS, METHODS OF PREPARATION, AND USES THEREFORE.  
BeiGene, Ltd.
- 3283501** STOICHIOMETRIC TUNING OF NUCLEIC ACID HYBRIDIZATION  
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- 3283518** ANTI-PLASMODIUM PARASITE ANTIBODIES. Fraunhofer-Gesellschaft zur  
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- 3283532** METHODS AND SYSTEMS FOR OLEFIN POLYMERIZATION. Univation  
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- 3283535** POLYMERS COMPRISING IMIDAZOLIUM CATIONS WITH  
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- 3283586** MODIFIED EPOXY PRIMER FOR IMPROVED ADHESION OF RMA  
CROSSLINKABLE COATING COMPOSITIONS. Allnex Netherlands B.V.
- 3283590** STRESS-OPTIMIZED ADHESIVE CONNECTION AND METHOD FOR  
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Hölzel GmbH; Leibniz-Institut für Polymerforschung Dresden e.V.
- 3283593** HIGH RESIDUAL CONTENT (HRC) KRAFT/SODA LIGNIN AS AN  
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- 3283619** METHODS FOR IMPROVING THE EFFICACY AND EXPANSION OF  
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- 3283635** METHODS AND COMPOSITIONS FOR MODIFYING GENOMIC DNA.  
Maxcyte, Inc.
- 3283638** METHODS FOR DETECTING AGGLUTINATION AND USE OF KITS IN  
PRACTICING THE SAME. The Regents of the University of California
- 3283723** INSIDE RISER TREE CONTROLS ADAPTER AND METHOD OF USE.  
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- 3283726** DETONATING CORD RETAINING DEVICE. Hunting Titan Inc.
- 3283764** HIGH PRESSURE DIESEL FUEL PUMPS. Delphi Technologies IP Limited
- 3283801** SAMPLING DEVICE FOR WITHDRAWING FLUID SAMPLES FROM A  
FLUID CONTAINER. Keofitt A/S
- 3283810** SECURE EQUIPMENT TRANSFER SYSTEM. Nexxspan Healthcare LLC
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- 3283836** ARMOUR SYSTEM WITH PROJECTILE YAW ANGLE GENERATING LAYER. Nederlandse Organisatie voor toegepast- natuurwetenschappelijk onderzoek TNO
- 3283876** METHOD OF MAKING A PIEZOELECTRIC DEVICE AND METHOD FOR MONITORING THE STRUCTURAL INTEGRITY OF A STRUCTURE WITH GUIDED ELASTIC WAVES. Alma Mater Studiorum -Università di Bologna
- 3283881** THERMOCHEMICAL-BASED ANTIBODY INACTIVATION METHODS AND SYSTEMS. Ventana Medical Systems, Inc.
- 3283892** SYSTEM FOR DIAGNOSING INTEGRITY OF ELECTRICAL CONDUCTOR-CARRYING SYSTEMS. Eaton Intelligent Power Limited
- 3283917** METHOD AND DEVICE FOR EXAMINATION OF A SAMPLE. Leica Microsystems CMS GmbH
- 3283925** METHOD AND DEVICE FOR PRODUCING A VOLUME HOLOGRAM IN A PHOTOPOLYMER MATERIAL AND METHOD FOR PRODUCING A VALUABLE OR SECURITY DOCUMENT. Bundesdruckerei GmbH
- 3283929** METHOD FOR MONITORING A MILLING PROCESS. Centre Technique des Industries Mécaniques et du Décolletage
- 3283949** METHOD FOR MODIFYING THE EXECUTION OF A PLATFORM-INDEPENDENT METHOD OF AN INTEGRATED CIRCUIT CARD. Thales Dis France SAS
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- 3284025** A SYSTEM, METHOD, AND APPARATUS FOR A DYNAMIC TRANSACTION CARD. Capital One Services, LLC
- 3284100** ELECTRICALLY CONTROLLED SWITCHING DEVICE INCLUDING SHAPE MEMORY ALLOY ELEMENT AND METHOD OF OPERATING. Safran Electrical & Power
- 3284101** DIAMOND-BASED SLURRIES WITH IMPROVED SAPPHIRE REMOVAL RATE AND SURFACE ROUGHNESS. CMC Materials, Inc.
- 3284108** SYSTEMS AND METHODS FOR PRODUCING SCATTERING SELECTED WAVELENGTHS OF ELECTROMAGNETIC ENERGY. Face International Corporation
- 3284151** FAULT TOLERANT WIND TURBINE CONVERTER SYSTEM. Vestas Wind Systems A/S
- 3284172** OPTIMIZATION OF AUTOMATIC GAIN CONTROL FOR NARROW BANDWIDTH OPERATION. Telefonaktiebolaget LM Ericsson (PUBL)
- 3284206** METHOD OF SECURING THE EXECUTION OF A PROGRAM. Rambus Inc.
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- 3284227** UPLINK SIGNAL COMBINERS FOR MOBILE RADIO SIGNAL DISTRIBUTION SYSTEMS USING ETHERNET DATA NETWORKS. Andrew Wireless Systems GmbH
- 3284297** IMPROVED COEXISTENCE OF DELAY-TOLERANT AND DELAY-SENSITIVE SESSIONS. Telefonaktiebolaget LM Ericsson (publ)
- 3284344** PURIFICATION DEVICE AND AQUARIUM COMPRISING SAME. Ohtani, Hiroshi
- 3284354** FLAVOR INHALER. Japan Tobacco Inc.
- 3284471** COMPOSITION FOR WOUND TREATMENT CONTAINING EXTRACT OFSTELLERA CHAMAEJASME. Korea Institute of Science and Technology
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- 3284609** THERMAL TRANSFER IMAGE-RECEIVING SHEET. Dai Nippon Printing Co., Ltd.
- 3284694** METHOD FOR MANUFACTURING A POURER. Toyo Seikan Group Holdings, Ltd.
- 3284743** HETEROCYCLIC-IMIDAZOLE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS THEREOF, PREPARATION METHOD THEREFOR AND USE THEREOF. Shanghai Huilun Life Science & Technology Co., Ltd
- 3284758** CELLULOSE COMPOSITE. Asahi Kasei Kabushiki Kaisha
- 3284909** STEAM TURBINE ROTOR BLADE AND METHOD FOR MANUFACTURING STEAM TURBINE ROTOR BLADE. Mitsubishi Heavy Industries, Ltd.
- 3284972** MOTOR DRIVE DEVICE FOR AUTOMOBILE AND EQUIPPED WITH SPEED REDUCER. NTN Corporation
- 3285345** ENCLOSURE STRUCTURE PROVIDED WITH DIRECTIONALLY-LAID POWER TRANSMISSION CONDUCTORS, AND LAYING METHOD. Xinjiang Goldwind Science & Technology Co., Ltd.
- 3285369** STATOR AND ELECTROMOTIVE MACHINE. Mitsubishi Electric Corporation
- 3285469** PORTABLE TERMINAL CAPABLE OF CONTROLLING BRIGHTNESS THEREOF, AND BRIGHTNESS CONTROL METHOD FOR SAME. Samsung Electronics Co., Ltd.
- 3285491** METHOD AND APPARATUS FOR TRANSMITTING OR RECEIVING SERVICE SIGNALING FOR BROADCASTING SERVICE. Samsung Electronics Co., Ltd.
- 3285518** ELECTRONIC DEVICE AND METHOD USED FOR WIRELESS COMMUNICATIONS. Sony Group Corporation
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- 3285542** SERVICE PROCESSING METHOD AND TERMINAL. Huawei Technologies Co., Ltd.
- 3285565** MACROALGAE BIOMASS PRODUCTION. Seakura Products From Nature Ltd.
- 3285636** PHOROPTER SYSTEM AND METHOD OF USE. Adaptica S.r.l.
- 3285642** IMPROVING MATERIAL IDENTIFICATION USING MULTI-ENERGY CT IMAGE DATA. Mars Bioimaging Limited
- 3285666** SPINAL IMPLANT SYSTEM. Warsaw Orthopedic, Inc.
- 3285667** TETHERING SCREW SYSTEM. K2M, Inc.
- 3285670** CLAVICLE IMPLANTS. Biomet Manufacturing, LLC
- 3285676** TENSION REGULATOR FOR ACTUATION ELEMENTS, AND RELATED REMOTELY ACTUATED INSTRUMENTS, AND SYSTEMS. Intuitive Surgical Operations, Inc.
- 3285696** METHOD FOR CONTROLLING A CHANGE OF DAMPING IN AN ARTIFICIAL JOINT. Otto Bock Healthcare Products GmbH
- 3285721** LOW VISCOSITY HAIR CARE COMPOSITION. The Procter & Gamble Company
- 3285776** DOSAGE REGIMEN OF VABORBACTAM AND MEROPENEM FOR TREATING BACTERIAL INFECTIONS IN SUBJECTS WITH REDUCED RENAL FUNCTION. Melinta Therapeutics, Inc.
- 3285777** GLYCAN THERAPEUTICS AND METHODS OF TREATMENT. Kaleido Biosciences, Inc.
- 3285897** PLANARLY CONNECTABLE TOY BRICKS COMPRISING AN UNILATERALLY OPEN, BOX-LIKE HOLLOW BODY AND PLUG-IN STUDS AT THE BOTTOM OUTER SIDE AS WELL AS A BOTTOM DOME ON THE BOTTOM INNER SIDE. Peiler, Joachim
- 3285920** PYROLYSIS APPARATUS AND METHOD. Rainbow Bee Eater IP Pty Ltd.
- 3285936** METHOD, DEVICE AND APPARATUS FOR COATING AN INNER SURFACE OF A SUBSTRATE. Umicore AG & Co. KG
- 3285948** LATHE TOOL COMPRISING A TAPERED COOLANT CHANNEL AND OFFSET COOLANT OUTLET LINES AND CORRESPONDING PRODUCTION METHOD. Gühring KG
- 3285975** CONTROLLING AND/OR REGULATING MOTORS OF A ROBOT. Kastanienbaum GmbH
- 3285976** ENHANCEMENT OF SOFT ROBOTIC GRIPPERS THROUGH INTEGRATION OF STIFF STRUCTURES. Soft Robotics, Inc.
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- 3285998** USE OF FIBER COMPOSITE MATERIALS FOR PRODUCING TRANSPARENT OR TRANSLUCENT MOLDING BODIES. Ensinger GmbH
- 3286003** FLUID EJECTION DEVICES WITH REDUCED CROSSTALK. Fujifilm Dimatix, Inc.
- 3286031** TRANSMISSION SYSTEM FOR VEHICLES. Ranade, Athul
- 3286037** VEHICLE SEAT HAVING AN ADJUSTING DEVICE. KEIPER Seating Mechanisms Co., Ltd.
- 3286050** CONTROL VALVE ARRANGEMENT FOR A PARKING BRAKE FOR VEHICLES AND PARKING BRAKE ARRANGEMENT FOR VEHICLES. KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
- 3286077** SOLAR-POWERED AIRCRAFT. Aurora Flight Sciences Corporation
- 3286090** APPARATUS AND METHOD FOR FILLING A PRODUCT INTO A CONTAINER. Tetra Laval Holdings & Finance S.A.
- 3286136** SUBMURGIBLE BIOCIDES REACTOR AND METHOD. Ecolab USA Inc.
- 3286216** FUNGAL DETECTION USING MANNAN EPITOPE. Nevada Research & Innovation Corporation
- 3286218** AGENTS BINDING SPECIFICALLY TO HUMAN CADHERIN-17, HUMAN CADHERIN-5, HUMAN CADHERIN-6 AND HUMAN CADHERIN-20 RGD MOTIF. Consejo Superior de Investigaciones Cientificas
- 3286233** POLYETHYLENE COPOLYMERS HAVING A PARTICULAR COMONOMER DISTRIBUTION. Univation Technologies, LLC
- 3286255** STRETCHABLE FIBER-BASED COMPOSITE-MATERIAL. Carbitex, Inc.
- 3286294** METHOD AND DEVICE FOR STABILIZING POLYPHENOL-CONTAINING LIQUIDS. KHS GmbH
- 3286317** DYNAMIN 2 INHIBITOR FOR THE TREATMENT OF DUCHENNE'S MUSCULAR DYSTROPHY. Université de Strasbourg; Centre National de la Recherche Scientifique (CNRS); Institut National de la Santé et de la Recherche Médicale
- 3286323** MULTIPLEX DETECTION OF BACTERIAL VAGINOSIS. Becton, Dickinson and Company
- 3286331** METHOD FOR HYBRIDIZING A NUCLEIC ACID MOLECULE. Qiagen GmbH
- 3286372** STRETCHABLE ORGANIC METALS, COMPOSITION, AND USE. The University of Connecticut
- 3286418** METHOD FOR CONTROLLING THE AMOUNT OF AIR FED INTO THE INTAKE OF A SUPERCHARGED INTERNAL COMBUSTION ENGINE. IFP Energies nouvelles
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- 3286470** ASSEMBLY FOR A VALVE. Valeo Systèmes De Contrôle Moteur
- 3286522** PROJECTILE, AND WARHEAD ASSEMBLY AND DEPLOYMENT SYSTEM THEREFOR. Israel Aerospace Industries Ltd.
- 3286543** INKJET DEPOSITION OF REAGENTS FOR HISTOLOGICAL SAMPLES. Ventana Medical Systems, Inc.
- 3286563** CONTROLLED INDUCTION OF HUMAN PANCREATIC PROGENITORS PRODUCES FUNCTIONAL BETA-LIKE CELLS. The Regents of the University of California
- 3286572** METHOD AND SYSTEM FOR OPTIMIZING EXECUTION OF USER COMMANDS IN RELATION TO POWER MANAGEMENT. Aeris Communications, Inc.
- 3286574** METHOD FOR FAT CHARACTERIZATION USING MRI IMAGES ACQUIRED USING A MULTIPLE GRADIENT-ECHO SEQUENCE WITH BIPOLAR GRADIENTS. Institut National de la Santé et de la Recherche Médicale (INSERM); Université Paris Cité; Assistance Publique-Hôpitaux de Paris; Université de Versailles Saint-Quentin-en-Yvelines
- 3286589** CABLE STORAGE ARRANGEMENT. CommScope Connectivity Belgium BVBA; ADC Czech Republic s.r.o.
- 3286596** CLOAKING SYSTEMS AND METHODS. University of Rochester
- 3286601** A METHOD AND APPARATUS FOR DISPLAYING A VIRTUAL OBJECT IN THREE-DIMENSIONAL (3D) SPACE. BOE Technology Group Co., Ltd.
- 3286612** CONVEYING DEVICE WITH CONFIGURATION CHANGE. Interroll Holding AG
- 3286625** SYSTEM AND METHOD FOR BIDIRECTIONAL COMMUNICATION BETWEEN STYLUS AND STYLUS SENSOR CONTROLLER. Wacom Co., Ltd.
- 3286633** DEVELOPER VOICE ACTIONS SYSTEM. Google LLC
- 3286650** NETWORK SECURITY ANALYSIS FOR SMART APPLIANCES. Cujo LLC
- 3286746** GENERATING CRYPTOGRAPHIC FUNCTION PARAMETERS FROM COMPACT SOURCE CODE. BlackBerry Limited
- 3286749** SAFETY COLLAR FOR AN ELECTRICAL CABLE. Tavismanor Limited
- 3286798** COMMUNICATION DEVICES AND SYSTEMS WITH COUPLING DEVICE AND WAVEGUIDE. 3M Innovative Properties Company
- 3286799** WAVEGUIDE WITH HIGH DIELECTRIC RESONATORS. 3M Innovative Properties Company
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- 3286837** ANALOG-TO-DIGITAL CONVERTER (ADC) DYNAMIC RANGE ENHANCEMENT FOR VOICE-ACTIVATED SYSTEMS. Cirrus Logic International Semiconductor Limited
- 3286870** RANDOM CIPHER PAD CRYPTOGRAPHY. 7tunnels, Inc.
- 3286874** CERTIFICATE VERIFICATION. Nokia Technologies Oy
- 3286969** LEGACY COMPATIBLE SIGNALING FOR CHANNEL BONDING. Qualcomm Incorporated
- 3286978** CHANNEL BONDING OPERATIONS IN WIRELESS COMMUNICATIONS. Marvell Asia Pte, Ltd.
- 3287080** PHOTOACOUSTIC WAVE DETECTING DEVICE, AND PHOTOACOUSTIC IMAGING DEVICE. Yokogawa Electric Corporation
- 3287326** VEHICLE SIDE WING ANTI-COLLISION SYSTEM. Tsang, Cheung
- 3287329** WEBBING TAKE-UP DEVICE. Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho
- 3287443** 6-MEMBERED HETEROCYCLIC DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING SAME. Shionogi & Co., Ltd
- 3287532** GRAIN-ORIENTED ELECTRICAL STEEL SHEET. Nippon Steel Corporation
- 3287659** DISC BRAKE DEVICE FOR VEHICLE. Hitachi Astemo, Ltd.
- 3287706** HEAT SOURCE UNIT. Mitsubishi Electric Corporation
- 3287715** REFRIGERATION CYCLE APPARATUS. Mitsubishi Electric Corporation
- 3287766** DETECTION METHOD AND DETECTION SYSTEM. FUJIFILM Corporation
- 3287772** X-RAY INSPECTION DEVICE, X-RAY INSPECTION METHOD, AND METHOD FOR MANUFACTURING STRUCTURE. Nikon Corporation
- 3287799** SEMICONDUCTOR DEVICE AND SCAN TEST METHOD. Renesas Electronics Corporation
- 3287803** MANUFACTURING METHOD FOR MAGNETO-SENSITIVE WIRE FOR MAGNETIC IMPEDANCE SENSOR CAPABLE OF HIGH ACCURACY MEASUREMENT. Aichi Steel Corporation
- 3287985** IMAGE PROCESSING DEVICE. Hitachi Astemo, Ltd.
- 3288012** METHOD FOR MANUFACTURING ACTIVE MATRIX ARRAY DEVICE, AND ACTIVE MATRIX ARRAY DEVICE MANUFACTURED THEREBY. Pi-Crystal Incorporation
- 3288104** POSITIVE ELECTRODE ACTIVE MATERIAL FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY USING SAID POSITIVE ELECTRODE ACTIVE MATERIAL. Sumitomo Metal Mining Co., Ltd.
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- 3288174** CONTROL DEVICE AND CONTROL METHOD. Nissan Motor Co., Ltd.
- 3288363** RESIDUE FLOW THROUGH HOE TYPE SEEDING IMPLEMENTS.  
Seedmaster Manufacturing Ltd.
- 3288392** WET PET FOOD PRODUCT COMPRISING A MEAT ANALOGUE. Mars,  
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- 3288403** CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM. Philip Morris  
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- 3288439** METHOD AND DATA PROCESSING PROGRAM FOR DETERMINING  
THE VISUAL ABILITY OF A USER. Oculocare Medical AG
- 3288485** INTELLIGENT SURFACE DETECTION AND CORE DRILLING  
BEGINNING. Hilti Aktiengesellschaft
- 3288493** STENT DELIVERY SYSTEM. Micro Medical Solutions, Inc.
- 3288509** NEGATIVE PRESSURE WOUND CLOSURE DEVICE. Smith & Nephew, Inc;  
University of Massachusetts
- 3288554** USE OF ANTIBIOTICS WITH SPECIFIC THERAPEUTIC ACTIVITIES  
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AND/OR BIFIDOBACTERIA WITH A NON-TRANSFERABLE ANTIBIOTIC  
RESISTANCE, HAVING THE SAME THERAPEUTIC INDICATION.  
Probiotical S.p.A.
- 3288558** COMBINATIONS OF INHIBITORS OF IRAK4 WITH INHIBITORS OF BTK.  
Bayer Pharma Aktiengesellschaft
- 3288575** BIOASSIMILABLE PROTEIN-MELANIN COMPLEX, PREPARATION AND  
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- 3288647** FIREFIGHTING NOZZLE WITH TRIGGER OPERATED SLIDE VALVE.  
Task Force Tips LLC
- 3288653** PADDLE ACCESSORY FOR A GAME CONTROLLER. Microsoft  
Technology Licensing, LLC
- 3288703** TOOL COUPLING ARRANGEMENT FOR DRILLS AND REAMERS. Iscar  
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- 3288706** HOT CRACKING REDUCTION IN ALUMINUM LASER WELDING. GM  
Global Technology Operations LLC; Shanghai Jiao Tong University
- 3288709** FLEXIBLE FIXTURING. Magna International Inc.
- 3288757** A MULTI-LAYER FILM AND ARTICLES MADE THEREFROM. Dow  
Quimica Mexicana S.A.de C.V.; PBBPolisur S.A.; Dow Global Technologies  
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- 3288871** METHOD AND DEVICE FOR FEEDING, PROVIDING AND EXCHANGING ROLLS WITH PACKAGING MATERIAL IN A PACKAGING MACHINE.  
Krones Aktiengesellschaft
- 3288899** MOBILE , REPLACABLE AND REGENERATABLE WATER TREATMENT CARTOUCHE. BFG Environmental Technologies
- 3288905** POOL AND SPA WATER QUALITY CONTROL SYSTEM. Waterguru Inc.
- 3288913** METHOD FOR IMPROVING COEFFICIENT OF FRICTION IN REJECTED TAKEOFF CONDITIONS. Goodrich Corporation
- 3288921** POLYCYCLIC INDOLINE AND INDOLENINE COMPOUNDS. The Regents of the University of Colorado, a body corporate
- 3288935** INDOLONE COMPOUNDS AND THEIR USE AS AMPA RECEPTOR MODULATORS. Janssen Pharmaceutica NV
- 3288945** IMIDAZOPYRAZINES AND PYRAZOLOPYRIMIDINES AND THEIR USE AS AMPA RECEPTOR MODULATORS. Janssen Pharmaceutica NV
- 3288976** TREATMENT OF FIBRODYSPLASIA OSSIFICANS PROGRESSIVA.  
Regeneron Pharmaceuticals, Inc.
- 3288979** IGF-1R ANTIBODY AND ITS USE FOR THE DIAGNOSIS OF CANCER.  
Pierre Fabre Médicament
- 3288990** REACTION PRODUCTS OF BISANHYDRIDS AND DIAMINES AS ADDITIVES FOR ELECTROPLATING BATHS. Rohm and Haas Electronic Materials LLC; Dow Global Technologies LLC
- 3288992** TWO-STEP METHOD FOR THE PRODUCTION OF A POLYURETHANE HOT MELT ADHESIVE HAVING A LOW CONTENT OF MONOMER DIISOCYANATES AND HIGH ADHESIVE STRENGTH. Sika Technology AG
- 3289030** LOW SHEEN PAINT COMPOSITION WITH EFFECTIVE OPACITY. Dow Global Technologies LLC; Rohm and Haas Company
- 3289041** METHODS USING A SUSTAINED RELEASE SYSTEM FOR RESERVOIR TREATMENT AND MONITORING. Johnson Matthey Public Limited Company
- 3289068** YEAST STRAIN HAVING IMPROVED CAPABILITY FOR FERMENTING XYLOSE IN THE PRESENCE OF ACETIC ACID. Lesaffre et Compagnie
- 3289089** CONTROLLING FUNGAL PATHOGENS BY DISABLING THEIR SMALL RNA PATHWAYS USING RNAi-BASED STRATEGY. The Regents of the University of California
- 3289138** SOFT CREPED TISSUE. Kimberly-Clark Worldwide, Inc.
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- 3289142** SYSTEM AND METHOD FOR POSITIONING A LIFT ARM ON A POWER MACHINE. Clark Equipment Company
- 3289154** HINGE FOR FURNITURE LEAVES THAT OPEN DOWNWARDLY. Arturo Salice S.p.A.
- 3289166** CONTROL EQUIPMENT FOR MONITORING FLOWS OF DRILLING MUDS FOR UNINTERRUPTED DRILLING MUD CIRCULATION CIRCUITS AND METHOD THEREOF. Drillmec SpA
- 3289223** DIAGONAL OR RADIAL FAN HAVING A GUIDE DEVICE. Ziehl-Abegg SE
- 3289265** FLAME RETARDANT SLEEVE. Hilti Aktiengesellschaft
- 3289266** FLAME RETARDANT SLEEVE. Hilti Aktiengesellschaft
- 3289267** FLAME RETARDANT SLEEVE. Hilti Aktiengesellschaft
- 3289283** FLEXIBLE LED LIGHTING ELEMENT. B/E Aerospace, Inc.
- 3289287** SUPPLY METHOD AND ASSOCIATED SUPPLY CONTAINER AND MANAGEMENT SYSTEM. Engie
- 3289307** MULTILAYER COMPOSITE. Board of Trustees of Michigan State University
- 3289310** ACTIVE DAMPING OF A MEASURING DEVICE. Hexagon Technology Center GmbH
- 3289321** OPTICAL SPECTROMETER. Hewlett-Packard Development Company, L.P.
- 3289388** COHERENT SOUND SOURCE FOR MARINE SEISMIC SURVEYS. Applied Physical Sciences Corp.
- 3289442** CENTRAL PROCESSING UNIT WITH ENHANCED INSTRUCTION SET. Microchip Technology Incorporated
- 3289472** METHOD OF SECURING CONNECTED DEVICES ON A NETWORK. Visa International Service Association
- 3289586** IMPULSIVE NOISE SUPPRESSION. Dolby Laboratories Licensing Corporation
- 3289604** SWELLABLE FILM FORMING COMPOSITIONS AND METHODS OF NANOIMPRINT LITHOGRAPHY EMPLOYING SAME. 3M Innovative Properties Company
- 3289676** AC NETWORK POWER FLOW CONTROL. Hitachi Energy Switzerland AG
- 3289714** LOW LATENCY OPERATION WITH DIFFERENT HYBRID AUTOMATIC REPEAT REQUEST (HARQ) TIMING OPTIONS. Qualcomm Incorporated
- 3289753** MULTI-FACTOR AUTHORIZATION FOR IEEE 802.1X-ENABLED NETWORKS. Hewlett Packard Enterprise Development LP
- 3289765** CONTENT DELIVERY NETWORK VIDEO CONTENT INVALIDATION THROUGH ADAPTIVE BITRATE MANIFEST MANIPULATION. Amazon Technologies, Inc.
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- 3289766** A METHOD AND SYSTEM FOR TRANSMITTING ON DEMAND VIDEOS OF FITNESS SESSIONS ON FIXED AND/OR MOBILE ELECTRONIC DEVICES. MS45 Srl
- 3289782** PROCESS AND HEARING AID ADJUSTMENT SYSTEM ARCHITECTURE FOR REMOTELY ADJUSTING A HEARING AID. Digital Tales S.r.l.
- 3289790** METHOD, REQUESTER DEVICE, VERIFIER DEVICE AND SERVER FOR PROVING AT LEAST ONE PIECE OF USER INFORMATION. Thales Dis France SAS
- 3289796** LOW ACCESS PRIORITY CAPABILITY CONTROL. Telefonaktiebolaget LM Ericsson (publ)
- 3289798** METHOD AND APPARATUS FOR GROUP COMMUNICATION IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3289834** LIGHTING ASSEMBLY WITH A PLURALITY OF INDIVIDUALLY CONTROLLABLE LIGHTING MEANS. Zumtobel Lighting GmbH
- 3290182** PIPE-MAKING APPARATUS AND PIPE-MAKING METHOD FOR SPIRAL PIPE. Sekisui Chemical Co., Ltd.
- 3290203** ACTIVE ENERGY RAY-CURABLE RESIN COMPOSITION, ANTIFOGGING ANTIFOULING LAMINATE, ARTICLE, METHOD FOR PRODUCING SAME, AND ANTIFOULING METHOD. Dexerials Corporation
- 3290487** ANTIFOULING COMPOSITION, ANTIFOULING SHEET AND METHOD FOR PRODUCING ANTIFOULING SHEET. Lintec Corporation
- 3290488** COATING COMPOSITION AND OPTICAL MEMBER. Nissan Chemical Corporation
- 3290880** OPTICAL DETECTION DEVICE. Hamamatsu Photonics K.K.
- 3291318** RAPID THERMAL PROCESSING METHOD AND APPARATUS FOR PROGRAMMING THE PINNED LAYER OF SPINTRONIC DEVICES. MultiDimension Technology Co., Ltd.
- 3291437** AC ROTATING MACHINE CONTROL DEVICE AND ELECTRIC POWER STEERING DEVICE. Mitsubishi Electric Corporation
- 3291659** SLIDE RAIL ASSEMBLY APPLIED TO A RACK SYSTEM FOR MOUNTING AN OBJECT TO A RACK. King Slide Works Co., Ltd.; King Slide Technology Co., Ltd.
- 3291939** SPARK EROSION OF THE INTERNAL TOOTHING OF PLANETARY ROLLER EXTRUDERS. Entex Rust & Mitschke GmbH
- 3292007** COOLING SYSTEM OF A COMBAT VEHICLE, AND PRESSURE CASCADE FOR COOLING AT LEAST ONE ELECTRONIC UNIT IN A
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- COMBAT VEHICLE BY MEANS OF A COOLING SYSTEM. Rheinmetall  
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- 3292289** METHOD FOR OPERATING A WATER INJECTION DEVICE FOR AN  
INTERNAL COMBUSTION ENGINE. Robert Bosch GmbH
- 3292297** WATER INJECTION DEVICE OF AN INTERNAL COMBUSTION ENGINE.  
Robert Bosch GmbH
- 3292312** FAN UNIT FOR AERATING AND VENTILATING ROOMS OF A  
BUILDING AND FRAME ASSEMBLY COMPRISING SUCH A FAN UNIT.  
REHAU Industries SE & Co. KG
- 3292487** THREE DIMENSIONAL OBJECT DATA. Hewlett-Packard Development  
Company, L.P.
- 3292549** ELECTRONIC SYSTEM AND METHOD FOR PLANNING AND  
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- 3292626** ELIMINATION OF COMMUTATION FAILURE BY HYBRID HVDC  
SYSTEM. The University of Birmingham
- 3294102** MOP WITH ROTATIONAL WRINGING MECHANISM. Ingenious Designs  
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- 3294103** MOP HEAD WITH BRAIDED CORD. Ingenious Designs LLC
- 3294272** AQUEOUS ENTERIC COATING COMPOSITION. SE Tylose USA, Inc.; Shin-  
Etsu Chemical Co., Ltd.
- 3294394** LIQUID REMOVAL IN A PATIENT INTERFACE ASSEMBLY. Koninklijke  
Philips N.V.
- 3294557** APPARATUS, INFORMATION PROCESSING METHOD, AND COMPUTER  
PROGRAM PRODUCT. Ricoh Company, Ltd.
- 3294697** PROCESS FOR MAKING HCFO-1233ZD. Honeywell International Inc.
- 3295135** UTILIZING A QUENCH TIME TO DEIONIZE AN ULTRAVIOLET (UV)  
SENSOR TUBE. Honeywell International Inc.
- 3295455** ACOUSTIC STRUCTURES WITH MULTIPLE DEGREES OF FREEDOM.  
Hexcel Corporation
- 3295738** INTER-CARRIER D2D RESOURCE ALLOCATION. Telefonaktiebolaget LM  
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- 3296308** DEXTRIN FATTY ACID ESTER AND COSMETIC. Chiba Flour Milling Co.,  
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- 3296390** METHOD FOR PRODUCING STEM CELL CLONES SUITABLE FOR  
INDUCTION OF DIFFERENTIATION INTO SOMATIC CELLS. Megakaryon  
Corporation; Kyoto University
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- 3296594** BALL SCREW. NSK Ltd.
- 3296979** AORTIC VALVE RECONSTRUCTION TRAINING KIT. Japanese Organization for Medical Device Development, Inc.
- 3297113** DEVICE FOR CONTROLLING LOAD FREQUENCY AND METHOD FOR CONTROLLING LOAD FREQUENCY. Hitachi, Ltd.
- 3297461** SUCTION BELT CONVEYOR AND STRAND-FORMING MACHINE OF THE TOBACCO PROCESSING INDUSTRY, AND USE AND METHOD FOR MEASURING MATERIAL PROPERTIES OF A MATERIAL STRAND OF THE TOBACCO PROCESSING INDUSTRY. Hauni Maschinenbau GmbH
- 3298334** BLOWER DEVICE FOR DELIVERING AN AMPLIFIED RATE AIR FLOW AND MODULAR COOLING UNIT. Saipem S.p.A.
- 3298359** METHOD FOR DETERMINING A PIPE WALL RESONANCE FREQUENCY, AND CLAMP-ON-ULTRASONIC FLOWMETER. Endress+Hauser Flowtec AG
- 3298474** METHOD FOR OPERATING A HEAD-MOUNTED DISPLAY IN A MOTOR VEHICLE, AND SYSTEM COMPRISING A HEAD-MOUNTED DISPLAY. Audi AG
- 3298579** VISUAL DATA PROCESSING USING ENERGY NETWORKS. Magic Pony Technology Limited
- 3298782** MOTION COMPENSATION USING MACHINE LEARNING. Magic Pony Technology Limited
- 3298783** MOTION COMPENSATION USING TEMPORAL PICTURE INTERPOLATION. Magic Pony Technology Limited
- 3298929** SLIDE RAIL ASSEMBLY. King Slide Works Co., Ltd.; King Slide Technology Co., Ltd.
- 3299425** WHITE INK FOR INK-JET PRINTING. TOYO INK SC HOLDINGS CO., LTD.; Toyocolor Co., Ltd.
- 3300485** METHOD USING METAL ORGANIC FRAMEWORK ABSORBENT PLATFORMS FOR REMOVAL OF CO<sub>2</sub> AND H<sub>2</sub>S FROM NATURAL GAS. King Abdullah University of Science and Technology; Saudi Arabian Oil Company
- 3300495** DEVICE FOR CARRYING FLAT OBJECTS. Vacuum Lifting Holland Beheer B.V.
- 3301937** COMMUNICATION SYSTEM. Panasonic Intellectual Property Management Co., Ltd.
- 3302315** INNER TUBULAR MEMBER FOR ANGLED ROTARY SURGICAL INSTRUMENT. Medtronic Xomed, Inc.
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- 3302389** LOOP FASTENING MATERIAL. Velcro IP Holdings LLC
- 3304301** BANDWIDTH/RESOURCE MANAGEMENT FOR MULTITHREADED PROCESSORS. Qualcomm Incorporated
- 3304560** PHASE CHANGE MEMORY CURRENT. INTEL Corporation
- 3305129** METHOD OF MANUFACTURING A BRUSH, AND BRUSH. Sanwa Tooth Brush Industrial Limited Partnership
- 3305212** FASTENER CARTRIDGE ASSEMBLIES AND STABLE RETAINER COVER ARRANGEMENTS. Ethicon LLC
- 3305317** COMPOUNDS FOR THE TREATMENT OF NEUROPSYCHIATRIC DISORDERS. Curemark, LLC
- 3305323** HUMAN ANTIBODIES AND SPECIFIC BINDING SEQUENCES THEREOF FOR USE IN STROKE AND ISCHEMIA OR ISCHEMIC CONDITIONS. Mayo Foundation for Medical Education and Research
- 3305507** SOLID SHAPE INFORMATION GENERATION SYSTEM, SOLID SHAPE FORMING APPARATUS, SOLID SHAPE INFORMATION GENERATION METHOD, AND PROGRAM. Sony Group Corporation
- 3305672** PRODUCTION LINE CONFIGURATION DEVICE. Ishida Co., Ltd.
- 3306489** INTERACTION RECORD QUERY PROCESSING METHOD AND DEVICE. Advanced New Technologies Co., Ltd.
- 3306801** POWER CONVERSION DEVICE AND MOTOR DEVICE. Hitachi Industrial Equipment Systems Co., Ltd.
- 3306843** WIRELESS COMMUNICATION DEVICE AND METHOD. Sony Group Corporation
- 3307808** USE OF TRIAZINES FOR SELECTIVE MODIFICATION OF NATURAL POLYMERS. BL Technologies, Inc.
- 3307964** CONNECTOR FOR WALL BUILDING ELEMENTS. Gebr. Schmidt GbR; Schmidt, Andreas; Schmidt, Uwe-Volker; Schmidt, Hans-Ulrich; Schmidt, Dieter
- 3308886** SURFACE-COATED CUTTING TOOL AND MANUFACTURING METHOD THEREFOR. Sumitomo Electric Hardmetal Corp.
- 3309674** MEMORY POWER SAVINGS IN IDLE DISPLAY CASE. Apple Inc.
- 3310562** APPARATUSES FOR PROCESSING ADDITIVE MANUFACTURED OBJECTS AND METHODS OF USE. JF Polymers (Suzhou) Co. Ltd.
- 3310675** CAN LID. Piech, Gregor Anton
- 3311128** GRAPHENE-BASED INFRARED BOLOMETER. Raytheon BBN Technologies Corp.
- 3311271** PROTECTED EXCEPTION HANDLING. ARM Limited
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- 3311384** ULTRA-DEEP POWER DOWN MODE CONTROL IN A MEMORY DEVICE.  
Adesto Technologies Corporation
- 3311634** LAMP CONTROL UNIT, LIGHTING DEVICE AND LIGHTING SYSTEM.  
Tridonic GmbH & Co. KG
- 3312183** DEUTERATED MORPHINE DERIVATIVES FOR USE IN ANALGESIA.  
Szegedi Tudományegyetem
- 3312275** ANTIBIOTIC CHIMERIC LYASE FROM STREPTOCOCCUS AND USES  
THEREOF. Phagelux Inc.
- 3313598** PIPE CUTTING APPARATUS AND METHOD. Illinois Tool Works Inc.
- 3314152** SEALING SYSTEM HAVING INTERLOCKING INNER DIAMETER SEAL  
ELEMENT TO RESIST PRESSURE CHANGES. Garlock Pipeline  
Technologies, Inc.
- 3316363** ELECTROLYTIC COPPER FOIL, CURRENT COLLECTOR INCLUDING  
SAME ELECTROLYTIC COPPER FOIL, ELECTRODE INCLUDING SAME  
CURRENT COLLECTOR, SECONDARY BATTERY INCLUDING SAME  
ELECTRODE, AND METHOD FOR MANUFACTURING SAME. SK Nexilis  
Co., Ltd.
- 3316554** METHOD AND APPARATUS FOR GROUPING VEHICLES IN INTERNET  
OF VEHICLES. ZTE Corporation
- 3317189** APPARATUS AND METHOD FOR LABELLING CONTAINERS. Kronos AG
- 3317204** STACKABLE STORAGE CONTAINER. Rotho Advanced Solutions AG
- 3317925** CABLE TERMINATION. Pontus Subsea Connectors LLC
- 3318112** ADAPTIVE INTERPOSER ASSEMBLY. Raytheon Company
- 3318198** POWERED SURGICAL STAPLER. Ethicon LLC
- 3318268** ROSEBURIA FLAGELLIN AND IMMUNE MODULATION. 4D Pharma  
Research Limited
- 3319114** PROCESS FOR MAKING AN ELECTRIC CONNECTION BETWEEN AN  
ELECTRONIC DIE AND AN SUPPORT PLATE AND ELECTRONIC  
DEVICE. STMicroelectronics (Grenoble 2) SAS
- 3319115** PROCESS FOR MAKING AN ELECTRIC CONNECTION BETWEEN AN  
ELECTRONIC DIE AND AN SUPPORT PLATE AND ELECTRONIC  
DEVICE. STMicroelectronics (Grenoble 2) SAS
- 3319116** PROCESS FOR MAKING AN ELECTRIC CONNECTION BETWEEN AN  
ELECTRONIC DIE AND AN SUPPORT PLATE AND ELECTRONIC  
DEVICE. STMicroelectronics (Grenoble 2) SAS
- 3320168** SERVICING AND MONITORING SYSTEM FOR MONITORING A DOOR  
MEMBER. Fraba B.V.
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- 3320774** AN ADHESIVE PAPER FOR AN INSECT TRAP. Brandenburg (UK) Limited
- 3321000** MIXED POWDER FOR IRON-BASED POWDER METALLURGY, AND METHOD FOR PRODUCING SAME. Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
- 3321306** METHOD FOR PREPARING SUPERABSORBENT RESIN AND SUPERABSORBENT RESIN PREPARED THEREBY. LG Chem, Ltd.
- 3322279** GENERATING DIGITAL MODELS OF NUTRIENTS AVAILABLE TO A CROP OVER THE COURSE OF THE CROP'S DEVELOPMENT BASED ON WEATHER AND SOIL DATA. Climate LLC
- 3323343** PERSON SUPPORT APPARATUS WITH ACTIVITY AND MOBILITY SENSING. Hill-Rom Services, Inc.
- 3324485** MOBILE TERMINAL WITH A TUNABLE MULTI-RESONANCE MONOPOLE ANTENNA. QUALCOMM Incorporated
- 3326552** BONE MATERIAL REMOVAL DEVICES. T.A.G. Medical Devices - Agriculture Cooperative Ltd.
- 3326555** DEVICE FOR ESTABLISHING AN ANCHORAGE IN TISSUE. Woodwelding AG
- 3329931** IMMUNOTHERAPIES EMPLOYING SELF-ASSEMBLING VACCINES. The General Hospital Corporation
- 3330257** PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS. Janssen Sciences Ireland Unlimited Company
- 3330332** BINDER COMPOSITION, SLURRY COMPOSITION, AND METHOD FOR COATING SURFACE OF METAL WITH SUPERABSORBENT POLYMER. LG Chem, Ltd.
- 3330455** FLOOR PANEL AND METHODS FOR MANUFACTURING FLOOR PANELS. Flooring Industries Limited, SARL
- 3330606** CONTROLLABLE LIGHTING BY TIME MULTIPLEXING SWITCHABLE OPTICAL ELEMENTS. Signify Holding B.V.
- 3332687** AUGMENTED STEREOSCOPIC VISUALIZATION FOR A SURGICAL ROBOT. Intuitive Surgical Operations, Inc.
- 3333584** OPTIMISATION OF THE SIMULTANEOUS DETECTION OF MR DATA IN MULTIPLE VOLUME ELEMENTS OR SLICES. Siemens Healthcare GmbH
- 3334174** METHOD AND DEVICE FOR MULTI-VIEWPOINT VIDEO TRANSMISSION. Huawei Technologies Co., Ltd.
- 3334942** HOOD WITH MIX AXIAL/RADIAL VENTILATOR. ebm-papst Mulfingen GmbH & Co. KG
- 3335233** KEYCAP WITH ACTIVE ELEMENTS. INTEL Corporation
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- 3335762** PROGRAM AND SYSTEM FOR CONTROLLING LASER THERMOTHERAPY. Clinical Laserthermia Systems AB
- 3336247** PROCESS FOR THE MANUFACTURE OF STRUCTURED MATERIALS USING NANO-FIBRILLAR CELLULOSE GELS. FiberLean Technologies Limited
- 3338194** MULTICHANNEL INPUT/OUTPUT VIRTUALIZATION. Avago Technologies International Sales Pte. Limited
- 3338733** ELECTRIC TOOTHBRUSH WITH CONTROLLED SUCTION AND IRRIGATION. Dignity Health
- 3339341** POLYCONDENSATION PRODUCT BASED ON AROMATIC COMPOUNDS, METHOD FOR ITS PREPARATION AND ITS USE. Construction Research & Technology GmbH
- 3340612** SYSTEMS AND METHODS FOR INDICATING MEDIA ASSET ACCESS CONFLICTS USING A TIME BAR. Rovi Guides, Inc.
- 3340698** USER DEVICE, BASE STATION, COMMUNICATION METHOD, AND INSTRUCTION METHOD. NTT DoCoMo, Inc.
- 3342035** MICRO-ELECTROMECHANICAL DEVICE, SYSTEM AND METHOD FOR ENERGY HARVESTING AND SENSING. Enervibe Ltd.
- 3345649** METHOD FOR MANUFACTURING MICRONEEDLE. Raphas Co., Ltd.
- 3346072** AWNING STRUCTURE. Producciones Mitjavila, S.A.U.
- 3348085** METHOD FOR LOADING A VIRTUAL KEY IN A USER TERMINAL AND ASSOCIATED USER TERMINAL. Valeo Comfort and Driving Assistance
- 3349236** RATE ENHANCED PULSED DC SPUTTERING SYSTEM. AES Global Holdings, Pte. Ltd.
- 3351260** METHODS AND COMPOSITIONS FOR INCREASING RED BLOOD CELLS. Acceleron Pharma Inc.
- 3352146** DETECTION METHOD AND APPARATUS FOR OVERLAPPED NOTES. GRG Banking Equipment Co., Ltd.
- 3352378** RADIO FREQUENCY FRONT END, TERMINAL APPARATUS, AND CARRIER AGGREGATION METHOD. Huawei Technologies Co., Ltd.
- 3355167** METHOD AND APPARATUS FOR PROVIDING CHARACTER INPUT INTERFACE. Samsung Electronics Co., Ltd.
- 3355301** CROSS-LINGUAL INITIALIZATION OF LANGUAGE MODELS. Google LLC
- 3361665** METHOD AND APPARATUS FOR ALLOCATING ACKCH RESOURCES IN A WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
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- 3363744** CAPTURING SYSTEM, AEROSPACE VEHICLE, AND PLATE-LIKE BODY.  
Astroscale Japan Inc.
- 3364149** VEHICLE SERVICE SYSTEM OPTICAL TARGET ASSEMBLY. HUNTER  
ENGINEERING COMPANY
- 3364574** METHOD FOR USING A SUPERSET OF QUASI-ORTHOGONAL SETS OF  
SEQUENCES. HUAWEI TECHNOLOGIES CO., LTD.
- 3365511** INSULATED WALL PANEL WITH PLURALITY OF AESTHETIC FACING  
ELEMENTS. DDP Specialty Electronic Materials US, LLC
- 3365517** HOUSEHOLD ELECTRIC APPLIANCES HAVING DOOR KEY LINKED TO  
ROTATION OF DOOR. Samsung Electronics Co., Ltd.
- 3366154** METHOD OF LASTING AN ARTICLE OF FOOTWEAR WITH A FLUID-  
FILLED CHAMBER, AND CORRESPONDING ARTICLE OF FOOTWEAR.  
NIKE Innovate C.V.
- 3367983** SYSTEMS FOR CROSS-LINKING TREATMENTS OF AN EYE. Avedro, Inc.
- 3369826** BIOMARKER MICRORNA FOR PREDICTION OF PROGNOSIS OF HEAD  
AND NECK CANCER. The Catholic University of Korea Industry-Academic  
Cooperation Foundation
- 3370000** OUTDOOR UNIT FOR AIR CONDITIONER. Mitsubishi Electric Corporation
- 3370153** METHOD AND DEVICE FOR GENERATING VIRTUAL MACHINE  
SNAPSHOT. Huawei Technologies Co., Ltd.
- 3371054** AIRCRAFT CABIN MANAGEMENT SYSTEM. Zodiac Seats France
- 3372614** METHODS FOR TREATING BONE CANCER PAIN BY ADMINISTERING  
A NERVE GROWTH FACTOR ANTAGONIST. Rinat Neuroscience Corp.;  
Regents of the University of Minnesota
- 3373554** AUTHENTICATION IN UBIQUITOUS ENVIRONMENT. Choi, Unho
- 3374260** AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS. Area-I Inc.
- 3376187** COLOR TESTING METHOD USING STANDARD ILLUMINANT COLOR  
MATCHING BOX. Wenzhou Jiayi Instruments Co. Ltd
- 3381431** SYRINGE ADAPTER WITH COMPOUND MOTION DISENGAGEMENT.  
Becton Dickinson and Company Limited
- 3381562** MICROSPOTTING DEVICE. BioFire Diagnostics, LLC
- 3383359** A FRAGRANCE COMPOSITION. Symrise AG
- 3383626** DISPENSING POWDERED BUILD MATERIAL FOR ADDITIVE  
MANUFACTURING. Hewlett-Packard Development Company, L.P.
- 3384329** ELECTROMAGNETIC ENERGY-ABSORBING OPTICAL PRODUCT.  
Eastman Chemical Company
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- 3384330** ELECTROMAGNETIC ENERGY-ABSORBING OPTICAL PRODUCT.  
Eastman Chemical Company
- 3384748** DEVICE FOR DOSING A GRANULATE OR GRANULAR MATERIAL IN A DISTRIBUTOR AND DISTRIBUTOR WITH SUCH A DEVICE. Kverneland Group Soest GmbH
- 3384833** INTERACTIVE DATA ACQUISITION AND RECONSTRUCTION USING A MAGNETIC RESONANCE SYSTEM. Siemens Healthcare GmbH; Centre Hospitalier Universitaire Vaudois
- 3384849** ULTRASOUND PROBE WITH ACOUSTIC AMPLIFIER. Esaote S.p.A.
- 3384962** SYSTEM AND METHOD FOR AUTOMATIC RADIOTHERAPY TREATMENT PLANNING. RaySearch Laboratories AB
- 3385049** PLASTIC INJECTION MOLD TOOLING AND A METHOD OF MANUFACTURE THEREOF. A. Finkl & Sons Co.
- 3385065** METHODS FOR FORMING FEATURES IN COMPOSITE COMPONENTS.  
General Electric Company
- 3385244** PROCESS FOR PRODUCING POROUS SINTERED BODIES BASED ON PASTE-LIKE CAPILLARY SUSPENSIONS. Karlsruher Institut für Technologie
- 3385367** MICROFLUIDIC SYSTEM FOR CULTIVATING OR ANALYSING LIVING CELLS OR BIOMOLECULES, AND A METHOD FOR ITS MANUFACTURE. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3385416** ELASTIC COMPOSITE YARNS AND WOVEN FABRICS MADE THEREFROM, AND METHODS AND APPARATUS FOR MAKING THE SAME. The LYCRA Company UK Limited
- 3385452** GROUND RECYCLER WITH A BLADE HOUSING. MTS Schrode AG
- 3385453** SOIL RECYCLER. MTS Schrode AG
- 3385456** METHOD OF CONTROLLING A FLOW RATE OF A CONSTRUCTION MACHINE AND SYSTEM FOR PERFORMING THE SAME. Hyundai Doosan Infracore Co., Ltd.
- 3385478** LATCH LOCK. Kale Kilit ve Kalip Sanayi Anonim Sirketi
- 3385500** MONITORING THE PROFILE OF A TUNNEL DURING TUNNEL EXCAVATION. Sandvik Mining and Construction Oy
- 3385550** METHOD FOR CONNECTING FLAT, METALLIC WORKPIECES AND AN APPLICATION OF SAID METHOD. Ruch Innovations AG
- 3385602** MODULAR LIGHTING SYSTEM. ARTEMIDE S.p.A.
- 3385629** PULSING ADIABATIC GAS COOLER. Heatcraft Refrigeration Products LLC
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- 3385728** AN AUTOMOTIVE SAFETY ELECTRONIC CONTROL SYSTEM. Veoneer Sweden AB
- 3385808** PRE-EMPTIVE FAULT DETECTION THROUGH ADVANCED SIGNAL ANALYSIS. Pratt & Whitney Canada Corp.
- 3385841** DEVICE FOR CONNECTING EXTERNAL DEVICE AND UPDATING DATA. Samsung Electronics Co., Ltd.
- 3385912** NEAR FIELD MANOEUVRING FOR AR-DEVICES USING IMAGE TRACKING. Hexagon Technology Center GmbH
- 3385922** MONEY HANDLING MACHINE AND MONEY HANDLING METHOD. Glory Ltd.
- 3386001** TRACTION ACCUMULATOR ELONGATED CONSTRUCTION WITH SECONDARY ELECTROCHEMICAL CELLS ARRANGED ADJACENT TO ONE ANOTHER AND METHOD FOR CONTROLLING THE HEAT MANAGEMENT. hofer powertrain innovation GmbH
- 3386097** CIRCUIT FOR SELECTIVELY SUPPLYING MOTORS WITH ENERGY. WITTENSTEIN SE
- 3387640** DISPLAY DEVICE. LG Electronics Inc.
- 3387705** ANTENNA ARRANGEMENT. Huawei Technologies Co., Ltd.
- 3387881** DISPLAY DEVICE USING SEMICONDUCTOR LIGHT EMITTING DEVICE. LG Electronics Inc.
- 3387917** DEVICE AND METHOD FOR CUTTING NATURAL PRODUCTS. GEGE Machinebouw B.V.
- 3387933** AUTOMATIC LACING SYSTEM. NIKE Innovate C.V.
- 3387979** MOBILE SUCTION DEVICE AND ASSEMBLY. Festool GmbH
- 3387987** AN APPARATUS FOR MEASURING BIOELECTRICAL IMPEDANCE OF A PATIENT. BOCAhealthcare GmbH; Baiocco, Pietro
- 3388110** COIL ARRANGEMENT. Elekta Ltd.
- 3388161** MANUAL MACHINING DEVICE WITH FOLDING DEVICE. Szczerba, Wieslaw
- 3388193** CRYOGENIC MACHINING PROCESS USING NANOFLUID. Raytheon Technologies Corporation
- 3388210** RAZOR HANDLE. BIC Violex Single Member S.A.
- 3388211** RAZOR HANDLES. BIC Violex Single Member S.A.
- 3388427** DERIVATIVES OF DOLASTATIN 10 AND AURISTATINS. PIERRE FABRE MEDICAMENT
- 3388482** PROPYLENE RESIN COMPOSITION AND INJECTION MOLDED ARTICLE. Sumitomo Chemical Company, Limited
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- 3388540** ALUMINUM ALLOY WITH ADDITIONS OF COPPER, LITHIUM, SILVER AND AT LEAST ONE OF SR OR A RARE EARTH METAL, AND METHOD OF MANUFACTURING THE SAME. The Boeing Company
- 3388664** BUOYANT STRUCTURE CARRYING WIND TURBINES. XEMC Darwind BV
- 3388688** JOINING METHOD AND JOINING APPARATUS. Toyota Jidosha Kabushiki Kaisha
- 3388695** JOINING METHOD AND JOINING STRUCTURE. Toyota Jidosha Kabushiki Kaisha
- 3388811** DEVICE AND METHOD FOR DETECTING A LEAK IN A PIPING SYSTEM FOR A FLUID. Softmeter GmbH
- 3388849** MAGNETIC PROBE BASED TEST METHOD FOR SPINTRONIC TECHNOLOGIES. Karlsruher Institut für Technologie
- 3388880** OPTICAL ASSEMBLY COMPRISING REFLECTORS WITH DISCONTINUITIES. Valeo Vision
- 3388903** EXTREMUM-SEEKING CONTROL SYSTEM WITH CONSTRAINT HANDLING. Johnson Controls Tyco IP Holdings LLP
- 3388904** MULTICORE ARCHITECTURE, INTERFACE CARD AND METHOD OF PROCESSING DATA PACKETS. duagon AG
- 3388976** METHOD FOR DETECTING FRAUD. Idemia Identity & Security France
- 3389188** ANALOG TO DIGITAL CONVERTERS. Hamilton Sundstrand Corporation
- 3389202** MULTI-FREQUENCY TRANSMITTER AND ASSOCIATED METHOD. Nokia Solutions and Networks Oy
- 3389266** VIEWING APPARATUS AND METHOD. Vestel Elektronik Sanayi ve Ticaret A.S.
- 3389267** DISPLAY APPARATUS AND METHOD. Vestel Elektronik Sanayi ve Ticaret A.S.
- 3389291** COMMUNICATING BETWEEN A VEHICLE AND A PLURALITY OF ROAD-SIDE DEVICES. Deutsche Telekom AG
- 3391728** BALING PRESS. Maschinenfabrik Bernard Krone GmbH & Co. KG
- 3391736** LINEAR COMPACT DEVICE WITH TRANSVERSE SUBSTRATE ELEVATOR, FOR FILLING AND PROCESSING OF POTS. KERN & DRIVE GmbH
- 3391794** ENHANCED EDGES FOR TOILET SEATS. Guizhou Topseat Technology Company Limited
- 3391943** MAINTENANCE-FREE FLAT-FOLD RESPIRATOR THAT INCLUDES A GRASPABLE TAB. 3M Innovative Properties Company
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- 3392007** CUTTING MEMBER OF A SAW CHAIN, SAW CHAIN HAVING A CUTTING MEMBER AND FILE FOR FILING THE CUTTING TEETH OF A SAW CHAIN. Andreas Stihl AG & Co. KG
- 3392025** HEATING ELEMENT GEOMETRY FOR USE IN A DRILL SADDLE. Georg Fischer Wavin AG
- 3392071** FOUR-WHEEL DRIVE HYBRID VEHICLE. Toyota Jidosha Kabushiki Kaisha
- 3392076** INFORMATION COLLECTION SYSTEM FOR ELECTRIC STORAGE DEVICE. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3392085** COMMERCIAL VEHICLE TRAILER. Schmitz Cargobull AG
- 3392150** VARIABLE-GEOMETRY BOUNDARY LAYER DIVERTER. Raytheon Technologies Corporation
- 3392151** REAL TIME HUMS. Sikorsky Aircraft Corporation
- 3392161** IMPROVEMENTS IN OR RELATING TO CONTAINER CLOSURES. Obrist Closures Switzerland GmbH
- 3392174** METHOD AND DEVICES AND SYSTEM FOR WINDING AND UNWINDING A COIL. Windmüller & Hölscher KG
- 3392450** CUTTING APPARATUS. Sandvik Intellectual Property AB
- 3392457** TURBINE WITH UPSTREAM FACING TANGENTIAL ONBOARD INJECTOR. Raytheon Technologies Corporation
- 3392484** SYSTEM AND METHOD FOR REGULATING FLOW IN TURBOMACHINES. General Electric Company
- 3392488** METHOD FOR CONTROLLING A MOTOR SPEED OF AN INDUSTRIAL TRUCK. Deere & Company
- 3392500** DUAL-WINDING SYNCHRONOUS RELUCTANCE MACHINE COMPOSED OF AN EXCITATION WINDING AND A SEPARATE POWER WINDING. GE Avio S.r.l.
- 3392623** LIQUID MEASUREMENT SYSTEM FOR A TANK. Simmonds Precision Products, Inc.
- 3392631** RAMAN SPECTROSCOPIC SYSTEM. Endress+Hauser Optical Analysis, Inc.
- 3392665** WEARABLE ELECTRIC FIELD DETECTOR. Greenlee Tools, Inc.
- 3392668** METHOD AND APPARATUS FOR VOICE ACTIVITY DETERMINATION. Nokia Technologies Oy
- 3392725** SUGGESTION AND OR CREATION OF AGENTS IN AN INDUSTRIAL AUTOMATION SYSTEM. Siemens Aktiengesellschaft
- 3392734** ELECTRONIC DEVICE INCLUDING WATERPROOF STRUCTURE. Samsung Electronics Co., Ltd.
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- 3392768** METHOD AND ELECTRONIC DEVICE FOR VERIFYING A PARTITIONING CONFIGURATION, ASSOCIATED COMPUTER PROGRAM. THALES
- 3392803** METHOD FOR ACQUIRING BIOMETRIC INFORMATION AND ELECTRONIC DEVICE SUPPORTING THE SAME. Samsung Electronics Co., Ltd.
- 3392866** SEALING LABEL WITH TWO INITIAL OPENING PROOFS. SCRIBOS GmbH
- 3392878** VOICE RECOGNITION APPARATUS AND VOICE RECOGNITION METHOD. LG Electronics Inc.
- 3392888** ELECTRONIC DEVICE INCLUDING MULTIPLE COILS. Samsung Electronics Co., Ltd.
- 3392952** FUEL CELL. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3393002** FLEXIBLE BRIDGE AMPLIFIER FOR WIRELESS POWER. Infineon Technologies Austria AG
- 3393028** WIND TURBINE WITH CONVERTER SYSTEM FOR REDUCING EM RADIATION. Siemens Gamesa Renewable Energy Service GmbH
- 3393052** COMMUNICATIONS APPARATUS. Avago Technologies International Sales Pte. Limited
- 3393073** METHOD AND APPARATUS FOR IMPROVING PRECODING RESOURCE BLOCK GROUPS IN A WIRELESS COMMUNICATION SYSTEM. ASUSTek Computer Inc.
- 3393149** METHOD AND ARRANGEMENT FOR ACTIVATING WIRELESS CONNECTION. Valmet Automation Oy
- 3393213** FOLLOW SPOT CONTROL SYSTEM. ROBE lighting s.r.o.
- 3395032** METHOD FOR PROVIDING A PROOF-OF-RETRIEVABILITY. NEC Corporation
- 3395190** AEROSOL GENERATION COMPONENT AND ASSEMBLY METHOD THEREOF AND ATOMIZER AND ELECTRONIC CIGARETTE. Shenzhen First Union Technology Co., Ltd.
- 3395199** ORAL CARE APPLIANCE AND ITS CARE HEAD. Techtronic Cordless GP
- 3395201** EQUIPMENT MOUNTING APPARATUS FOR A CONSOLE. Evans Consoles Corporation
- 3395380** BALLOON FOR A BALLOON CATHETER AND METHOD FOR PRODUCTION OF SUCH A BALLOON. BIOTRONIK AG
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- 3395382** METHOD AND DEVICE FOR INTERMITTENT, PULSATING PROPORTIONING OF A DIALYSIS LIQUID MIXTURE. B. Braun Avitum AG
- 3395454** DISPENSER FOR TINTING PASTES. Fast & Fluid Management B.V.
- 3395471** CORE FOR THE FABRICATION OF A TURBINE ENGINE BLADE. SAFRAN AIRCRAFT ENGINES
- 3395490** LASER WELDING METHOD AND LASER WELDING APPARATUS. Toyota Jidosha Kabushiki Kaisha
- 3395534** MANUFACTURING METHOD OF LAMINATED CORE AND CULL PLATE. Mitsui High-Tec, Inc.
- 3395541** METHOD FOR MANUFACTURING AT LEAST ONE WALL OF A PREFABRICATED CONSTRUCTION ELEMENT WITH MATRIX FACING. SPURGIN LEONHART (SAS)
- 3395625** TELESCOPIC CLEANING DEVICE. Valeo Systèmes d'Essuyage
- 3395632** AUTOMATIC AND COLLABORATIVE DRIVERLESS TRANSPORT SYSTEM. Schiller Automatisierungstechnik GmbH
- 3395688** CONFIGURABLE HIGH RATE CLOSED LOOP SMART VALVE CONTROL. Hamilton Sundstrand Corporation
- 3395703** METHOD AND DEVICE FOR APPLYING ADDITIVE PACKING MATERIAL. SIG Combibloc Services AG
- 3395748** HOISTING ENGINE. MANITOU BF
- 3396051** LAUNDRY TREATING APPARATUS, CONTROL METHOD OF LAUNDRY TREATMENT APPARATUS AND ONLINE SYSTEM INCLUDING THE SAME. LG Electronics Inc.
- 3396060** PROCESSING DEVICE, SHEET MANUFACTURING APPARATUS, PROCESSING METHOD, AND SHEET MANUFACTURING METHOD. Seiko Epson Corporation
- 3396070** WORK MACHINE WITH BUCKET MONITORING. CNH Industrial Italia S.p.A.
- 3396117** GAS TURBINE SYSTEM AND CONTROL APPARATUS AND METHOD THEREOF. Doosan Enerbility Co., Ltd.
- 3396154** BLADE ADAPTER FOR WIND TURBINES. Siemens Gamesa Renewable Energy Service GmbH
- 3396155** ROTOR BLADE OF A WIND TURBINE, METHOD FOR MANUFACTURING SAME, AND USE OF A TERMINATION BRIDGE. Siemens Gamesa Renewable Energy Service GmbH
- 3396219** VALVES. Ratier-Figeac SAS
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- 3396240** A VEHICLE LAMP ASSEMBLY HAVING AN IMPROVED HEAT SINK WITH LIGHT SHIELD. Valeo North America, Inc.
- 3396302** NEUTRALIZING BODY. Rheinmetall Waffe Munition GmbH
- 3396304** FEEDBACK SYSTEM FOR PITCH-ADJUSTABLE BLADES OF AIRCRAFT BLADED ROTOR. Pratt & Whitney Canada Corp.
- 3396347** CALIBRATION WORK SUPPORT DEVICE, CALIBRATION WORK SUPPORT METHOD, AND NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM. Yokogawa Electric Corporation
- 3396351** DEVICE AND SYSTEM FOR DIRECTLY SAMPLING A LIQUID OF A TANK. Travagli, Furio; Matulli, Riccardo
- 3396399** VOLTAGE MONITOR SELF TESTING. Hamilton Sundstrand Corporation
- 3396444** DEVICE FOR PRODUCING A POLARISED LIGHT BEAM, IMAGE GENERATION DEVICE, AND HEAD-UP DISPLAY. Valeo Comfort and Driving Assistance
- 3396455** PHOTOCURABLE COMPOSITION. Technische Universität Wien
- 3396484** PROCESS CONTROL OF A COMPOSITE FABRICATION PROCESS. The Boeing Company
- 3396522** METHOD AND DEVICE FOR PROCESSING DATA. Beijing Xiaomi Mobile Software Co., Ltd.
- 3396525** SYSTEM AND METHOD FOR BITSTREAM DECODING WITH COMPILER-GENERATED SYNTAX TREES. Tektronix, Inc.
- 3396630** SYSTEM AND METHOD FOR WHOLE BODY CONTINUOUS BED MOTION PARAMETRIC PET WITH FLEXIBLE SCAN MODES. Siemens Medical Solutions USA, Inc.
- 3396642** MEDIA VALIDATION PROCESSING. NCR Corporation
- 3396823** PROCESS FOR MANUFACTURING A WATERPROOF MAGNETO-ROTOR MADE OF RARE-EARTH ELEMENTS. TACO ITALIA S.r.l.
- 3396826** ELECTRIC APPLIANCE FOR PERSONAL CARE. Braun GmbH
- 3396834** SWITCHED CAPACITOR POWER CONVERTER. NXP B.V.
- 3396858** POWER MEASUREMENT VIA BOND WIRE COUPLING. NXP USA, Inc.
- 3398491** LID COMPRISING A GLASS PART. SEB S.A.
- 3398545** IMPLANTS FOR ANKLE SYNDESOSIS TREATMENT. Wright Medical Technology, Inc.
- 3398693** LOW-FREQUENCY BROADBAND SOUND SOURCE FOR UNDERWATER NAVIGATION AND COMMUNICATION. Teledyne Instruments, Inc.
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- 3398717** GRINDING MACHINE. Kapp Werkzeugmaschinen GmbH; NILES Werkzeugmaschinen GmbH
- 3398784** IMAGE CORRECTION WITH 3D PRINTING. NIKE Innovate C.V.
- 3398803** AUXILIARY POWER SUPPLY SYSTEM FOR A RAILWAY VEHICLE. ALSTOM Transport Technologies
- 3398898** ROPE SWAY DETECTOR WITH TIME-OF-FLIGHT (TOF)-CAMERA. Otis Elevator Company
- 3399036** CHROMATOGRAPHIC DEVICE AND METHOD FOR ISOLATING AND PURIFYING NUCLEIC ACIDS. QIAGEN GmbH
- 3399161** COMPRESSOR CIRCUMFERENTIAL FLUID DISTRIBUTION SYSTEM. General Electric Company
- 3399230** LIGHTING MODULE, METHOD FOR MANUFACTURING THE SAME AND LUMINOUS SIGNAGE DEVICE COMPRISING SUCH LIGHTING MODULE. OSRAM GmbH
- 3399321** SYSTEM AND METHOD FOR VOLTAGE DETECTION FOR EQUIPMENT. Greenlee Tools, Inc.
- 3399339** MOTOR VEHICLE AND SENSOR ASSEMBLY FOR A MOTOR VEHICLE, METHOD FOR OPERATING SAME. AUDI AG
- 3399343** CLEAN CORONA GAS IONIZATION FOR STATIC CHARGE NEUTRALIZATION. Illinois Tool Works Inc.
- 3399418** FINE-GRAIN COMPUTE COMMUNICATION EXECUTION FOR DEEP LEARNING FRAMEWORKS. INTEL Corporation
- 3399458** METHOD AND SYSTEM FOR CONTENT AND SERVICE SHARING. Cisco Technology, Inc.
- 3399619** STORAGE BATTERY SYSTEM, METHOD OF CONTROLLING SAME, AND POWER STABILIZATION SYSTEM. Hitachi Power Solutions Co., Ltd.
- 3399704** METHOD AND APPARATUS FOR DETERMINING ROUTING POLICY. Huawei Technologies Co., Ltd.
- 3399841** BUCK BOOST CONVERTER WITH IMPROVED THD BEHAVIOR. Tridonic GmbH & Co. KG
- 3399844** SYSTEM AND METHOD FOR AUTOMATICALLY CREATING AND OPERATING A FUNCTIONAL ASSOCIATION OF LIGHTS. JDRF Electromag Engineering Inc.
- 3400868** MEASURING APPARATUS AND BLOOD PRESSURE MEASURING METHOD. Nihon Kohden Corporation
- 3401048** SAW BLADE FOR A SAW FOR CUTTING STEMULAR STALKS. Gebrüder Busatis Gesellschaft m.b.H.
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- 3401110** PRINTER. Sato Holdings Kabushiki Kaisha
- 3401163** LAMP FOR A VEHICLE. ZKW Group GmbH
- 3401190** METHOD FOR OPERATING A DRIVER ASSISTANCE SYSTEM OF A MOTOR VEHICLE IN ORDER TO MANOEUVRE THE MOTOR VEHICLE IN A DRIVABLE AREA, DRIVER ASSISTANCE SYSTEM AND MOTOR VEHICLE. Valeo Schalter und Sensoren GmbH
- 3401213** AIRCRAFT CABIN NOISE REDUCTION SYSTEMS AND METHODS. The Boeing Company
- 3401216** SYSTEMS AND METHODS FOR ACOUSTIC RADIATION CONTROL. Aurora Flight Sciences Corporation
- 3401245** SUCTION CUP DEVICE AND SUCTION CONVEYOR WITH SUCH A SUCTION CUP DEVICE. Putz, Stefan
- 3401252** SHEET FEEDING APPARATUS AND IMAGE FORMING APPARATUS. CANON KABUSHIKI KAISHA
- 3401322** LIGNOCELLULOSE CONVERSION PROCESSES AND PRODUCTS. Virdia, LLC
- 3401462** AWNING APPARATUS AND METHODS OF RETRACTING AND EXTENDING SAID AWNING. Activa Leisure Inc.
- 3401594** VEHICLE HEATING DEVICE. Eberspächer Climate Control Systems GmbH
- 3401681** METHOD FOR QUICK QUANTIFICATION ASSAY OF VITAMIN D BASED ON FLUORESCENCE MEASUREMENT USING LATERAL FLOW CARTRIDGE. Boditech Med Inc.
- 3401788** EVENT STREAM PROCESSING SYSTEM. salesforce.com, inc.
- 3401952** HIGH REGISTRATION PARTICLES-TRANSFERRING SYSTEM. Palo Alto Research Center Incorporated
- 3402124** SERVICE ISSUING METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3402200** IMAGE DECODING APPARATUS. Gensquare LLC
- 3402201** IMAGE DECODING METHOD. Gensquare LLC
- 3402202** IMAGE DECODING APPARATUS. Gensquare LLC
- 3403489** IMPROVEMENTS IN HAND TOOLS. Oakthrift Corporation Ltd
- 3403496** METHOD FOR THE DETERMINATION OF THE REQUIRED APPLICATION RATE FOR AGRICULTURAL MATERIAL. Amazonen-Werke H. Dreyer SE & Co. KG
- 3403634** LOOP MATERIAL. Lohmann-koester GmbH & Co. KG
- 3403737** STRAIGHTENING MACHINE AND METHOD FOR OPERATING THE SAME. Kohler Maschinenbau GmbH
- 3403836** PRINTER. Sato Holdings Kabushiki Kaisha
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- 3403848** WHEEL MOUNTING STRUCTURE. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3403849** INSULATOR FOR HEAT GENERATED BY HIGH FRICTION. Consolidated Metco, Inc.
- 3404053** XYLYLENE DIISOCYANATE COMPOSITION WITH IMPROVED STABILITY AND REACTIVITY AND OPTICAL LENS USING THE SAME. SKC Co., Ltd.
- 3404185** DOOR FRAME STRUCTURE. Panelia Woods Oy
- 3404450** DEVICE AND METHOD FOR MULTI-SHOT WAVEFIELD RECONSTRUCTION. CGG Services SAS
- 3404662** A METHOD AND SYSTEM FOR IMPLEMENTING A NON-VOLATILE COUNTER USING NON-VOLATILE MEMORY. NXP B.V.
- 3404676** HYBRID DEVICE STRUCTURES INCLUDING NEGATIVE TEMPERATURE COEFFICIENT/POSITIVE TEMPERATURE COEFFICIENT DEVICE. Littelfuse, Inc.
- 3404711** INTEGRATED POWER SEMICONDUCTOR PACKAGING APPARATUS AND POWER CONVERTER. General Electric Company
- 3405621** FALSE CEILING WITH A SELF-UNLOCKING FIXING DEVICE. EMKA Beschlagteile GmbH & Co. KG
- 3406348** FEED CENTER FOR DENSE PHASE SYSTEM. Nordson Corporation
- 3406971** STEAM TURBINE AND METHOD OF ASSEMBLING THE SAME. Doosan Enerbility Co., Ltd.
- 3407074** A DEVICE AND METHOD FOR DETECTING A TRAP VOLTAGE OF A CAPACITOR POTENTIAL TRANSFORMER. Siemens Aktiengesellschaft
- 3407182** VECTOR COMPUTING DEVICE. Cambricon (Xi'an) Semiconductor Co., Ltd.
- 3407589** IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND STORAGE MEDIUM. CANON KABUSHIKI KAISHA
- 3408211** CRANE. Liebherr-Components Biberach GmbH
- 3408867** METHOD FOR PRODUCING A SOLAR CELL, SOLAR CELL PRODUCED BY THIS METHOD AND SUBSTRATE CARRIER. Meyer Burger (Germany) GmbH
- 3409107** SYSTEM AND METHOD FOR USING ROBOTS IN CONJUNCTION WITH A ROTARY MILKING PLATFORM. Technologies Holdings Corporation
- 3410138** BATTERY SYSTEM IN VEHICLE AND AGING DETERIORATION ESTIMATION METHOD FOR BATTERY. Toyota Jidosha Kabushiki Kaisha
- 3410624** ERROR ESTIMATION IN SIGNAL COMMUNICATIONS. NXP B.V.
- 3410701** AUDIO/VIDEO TIME STRETCHING. NXP B.V.
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- 3412496** METHOD AND SYSTEM FOR PREPARING A VEHICLE. AUDI AG
- 3412562** AUTOMATIC ADJUSTMENT OF CENTER OF MASS OF A VEHICLE. The Boeing Company
- 3413485** WIRELESS COMMUNICATION DEVICES, NETWORK CONNECTION NODES, SYSTEMS, AND METHODS. Sony Group Corporation
- 3413586** AN OCCLUSION CONTROL SYSTEM FOR A HEARING INSTRUMENT AND A HEARING INSTRUMENT. GN Hearing A/S
- 3414011** MICROFLUIDIC FILTERING. Hewlett-Packard Development Company, L.P.
- 3415112** METHOD FOR THE VIRTUAL DEVELOPMENT OF A SURGICAL GUIDE FOR DENTAL IMPLANTS. Biomet 3I, LLC
- 3415721** CERAMIC MATRIX COMPOSITE (CMC) TURBINE BLADES AND METHODS OF FORMING CMC TURBINE BLADES. General Electric Company
- 3415903** METHOD FOR CALIBRATION OF A GAS SENSOR. Drägerwerk AG & Co. KGaA
- 3416026** REMOTE ACCESS TO PERSONAL VIDEO PROFILE. Comcast Cable Communications Management, LLC
- 3416442** METHOD AND DEVICE FOR WIRELESS COMMUNICATION. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3417539** POWER CONVERTER. Siemens Energy Global GmbH & Co. KG
- 3418022** MULTI-PURPOSE HEATER FOR A MATERIAL PLACEMENT MACHINE. The Boeing Company
- 3418072** RUBBER COMPOSITION AND PNEUMATIC TYRE FOR A VEHICLE. Continental Reifen Deutschland GmbH
- 3418080** RECEIVER AND TRANSMITTER UNIT. Pacific Industrial Co., Ltd.
- 3418796** BRILLOUIN GAIN SPECTRAL POSITION CONTROL OF CLADDINGS FOR TUNING ACOUSTO-OPTIC WAVEGUIDES. Honeywell International Inc.
- 3418820** OUTPUT CONTROL UNIT, OUTPUT CONTROL SYSTEM, AND CONTROL METHOD FOR OUTPUT CONTROL UNIT. Omron Corporation
- 3418824** METHODS AND APPARATUS FOR ANALYZING EFFECTS OF FRICTION ON PROCESS CONTROL DEVICES. Fisher Controls International LLC
- 3418897** NAND FLASH STORAGE DEVICE WITH NAND BUFFER. Google LLC
- 3419146** MOTOR HOUSING. Guilin Zhishen Information Technology Co., Ltd.
- 3419330** METHOD AND DEVICE FOR DETERMINING CODEC MODE SET FOR SERVICE COMMUNICATION. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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- 3419796** MOTORIZED JOINT FOR A PROGRAMMABLE MOVING MACHINE.  
Ovalo GmbH
- 3420443** MOBILE DEVICE WITH TOUCH SCREENS AND METHOD OF CONTROLLING THE SAME. Samsung Electronics Co., Ltd.
- 3420545** ALERT METHOD AND SYSTEM FOLLOWING THE SEPARATION OF A PILOT FROM THEIR VEHICLE. IMINNOV
- 3420766** PHYSICAL RANDOM ACCESS CHANNEL DESIGN IN ELAA. HFI Innovation Inc.
- 3421257** COMBINATION OF TWO VEHICLE WHEELS FOR COMMERCIAL VEHICLE TYRES AND COMMERCIAL VEHICLE. Continental Reifen Deutschland GmbH
- 3421472** AZA-TRYPTANTHRIN DERIVATIVES AS IDO1 AND/OR TDO INHIBITORS. Peking University
- 3421743** BLOW-BY GAS RETURN DEVICE. Kubota Corporation
- 3421954** ADJUSTING DEVICE FOR COMPENSATING FOR THE ASSYMETRICITY OF AN INFRA-RED DETECTOR IN A SEEKER HEAD OF A GUIDED MISSILE, SEEKER HEAD AND METHOD FOR COMPENSATING FOR ASSYMETRICITY. MBDA Deutschland GmbH
- 3423141** MAPPING VARIABLE LOOP CATHETER HANDLE. St. Jude Medical, Cardiology Division, Inc.
- 3423474** A RECOMBINANT POLYNUCLEOTIDE INVOLVED IN LACTONE SYNTHESIS AND PROCESS FOR SYNTHESIS OF LACTONES THEREOF. Council of Scientific and Industrial Research
- 3424168** METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING FEEDBACK IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3424585** REDUCING MERCURY AND SULFUR EMISSIONS FROM THE BURNING OF COAL. Nox II International, Ltd.
- 3424687** ADDITIVE MANUFACTURING USING A FIBER-REINFORCED FEEDSTOCK LINE. The Boeing Company
- 3424893** METHOD FOR PRODUCING METAL-CERAMIC JOINT STRUCTURE FROM A MIXED POWDER MATERIAL. Tatsuta Electric Wire & Cable Co., Ltd.
- 3425233** CLUTCH-BRAKE APPARATUS. Yangzhou Weibang Garden Machine Company Limited
- 3425825** METHOD FOR RECEIVING SYNCHRONIZATION SIGNAL, AND APPARATUS THEREFOR. LG Electronics Inc.
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- 3425837** METHOD AND APPARATUS FOR COEXISTANCE OF DEVICE-TO-DEVICE COMMUNICATIONS AND CELLULAR COMMUNICATIONS IN MOBILE COMMUNICATIONS SYSTEM. Samsung Electronics Co., Ltd.
- 3425840** APERIODIC CQI REPORTING FOR PROTECTED AND PROHIBITED SUBFRAMES IN A WIRELESS COMMUNICATION NETWORK. Qualcomm Incorporated
- 3425932** V2V COMMUNICATION METHODS AND DEVICES. Huawei Technologies Co., Ltd.
- 3426420** METHOD AND DEVICE FOR SUPPLYING A SHEET METAL PANEL TO A PUNCH PRESS. Soudronic AG
- 3426527** PUBLIC TRANSPORT VEHICLE. Siemens Mobility GmbH
- 3427611** REFILL CONTAINER USING DOUBLE INJECTION. Amorepacific Corporation
- 3427626** ROBOT VACUUM. Samsung Electronics Co., Ltd.
- 3427656** BIOLOGICAL INFORMATION ANALYSIS DEVICE, SYSTEM, AND PROGRAM. Omron Corporation; Omron Healthcare Co., Ltd.
- 3427695** A BLOOD FLOW CONTROLLING APPARATUS. Edwards Lifesciences AG
- 3428399** HOLLOW FAN BLADE WITH BRAIDED FABRIC TUBES. Raytheon Technologies Corporation
- 3428777** ELECTRONIC DEVICE HAVING USB TYPE-C INTERFACE. Huawei Technologies Co., Ltd.
- 3429154** INFORMATION PROCESSING METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3429263** METHOD AND APPARATUS FOR CONTROLLING TRAFFIC OF TERMINAL IN MOBILE COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3429271** DATA TRANSMISSION METHOD AND USER EQUIPMENT FOR RRC RE-ESTABLISHMENT BASED ON A SET OF CORE SERVING CELLS. Huawei Technologies Co., Ltd.
- 3429276** NETWORK ACCESS METHOD AND TERMINAL. Huawei Technologies Co., Ltd.
- 3430018** CRYSTAL FORM COMPRISING LITHIUM IONS, PHARMACEUTICAL COMPOSITIONS THEREOF, METHODS FOR PREPARATION AND THEIR USES FOR THE TREATMENT OF DEPRESSIVE DISEASE. University of Limerick; Ufscar-Federal University Of São Carlos
- 3430693** SMART SPACER AND METHOD FOR OVERHEAD TRANSMISSION LINE MONITORING. Siemens Energy Global GmbH & Co. KG
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- 3431086** NOVEL ANTI-INFLAMMATORY AGENTS. Resverlogix Corp.
- 3431645** SPACER TEXTILE MATERIALS. NIKE Innovate C.V.
- 3432558** COMMUNICATION METHOD, APPARATUS AND SYSTEM. Huawei Technologies Co., Ltd.
- 3432640** NETWORK-INSTRUCTED HANDOVER FROM WLAN TO ANOTHER RADIO ACCESS NETWORK. Telefonaktiebolaget LM Ericsson (Publ)
- 3432652** METHOD FOR PROCESSING ACCESS REQUEST FROM UE, AND NETWORK NODE. LG Electronics Inc.
- 3432673** METHOD AND APPARATUS FOR DECODING RANDOM ACCESS RESPONSE MESSAGE IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3433040** GAS TURBINE BLADE WITH CORRUGATED TIP WALL AND MANUFACTURING METHOD THEREOF. Siemens Energy, Inc.
- 3433940** ACCESS NODE AND METHOD FOR TRANSMITTING CONTROL INFORMATION IN A WIRELESS COMMUNICATION NETWORK. Huawei Technologies Co., Ltd.
- 3433942** WIRELESS NETWORK DISCOVERY USING A MIMO TRANSCEIVER. BlackBerry Limited
- 3434165** VACUUM CLEANER. Samsung Electronics Co., Ltd.
- 3434298** BLOOD RESERVOIR WITH ULTRASONIC VOLUME SENSOR. Sorin Group Italia S.r.l.
- 3434370** MULTI-WELL BASED CELL CULTURE TEST DEVICE FOR RAPID ANTIBIOTIC SUSCEPTIBILITY TESTING. Quanta Matrix Co., Ltd.
- 3434858** DUAL ROD DIRECTIONAL DRILLING SYSTEM. Vermeer Manufacturing Company
- 3435544** LEVEL CONVERSION CIRCUIT AND FINGERPRINT RECOGNITION DEVICE. Shenzhen Goodix Technology Co., Ltd.
- 3435986** NEW TABLETTABLE FORMULATION OF LUTEIN AND/OR ZEAXANTHIN. DSM IP Assets B.V.
- 3436135** REGULATORY DEVICE AND ASSOCIATED METHOD. UPMC; University of Pittsburgh- Of the Commonwealth System of Higher Education
- 3437132** OPTOELECTRONIC DEVICE MODULE HAVING A SILICON INTERPOSER. INTEL Corporation
- 3437647** METHOD FOR EXTRACTION OF CHINESE HERBAL MEDICINE USING SMALL MOLECULE MICRO-SHEAR TECHNOLOGY. Ma, Jian
- 3437842** 3D PRINTING METHOD. LG Chem, Ltd.
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- 3438680** METHOD AND DEVICE FOR DETECTING SWITCHING VALUE OF PRESSURE SWITCH. Beijing Const Instruments Technology Inc.
- 3439426** HEATING ELEMENT STRUCTURE, METHOD OF FORMING THE SAME, AND HEATING DEVICE INCLUDING THE HEATING ELEMENT STRUCTURE. Samsung Electronics Co., Ltd.
- 3439457** SYSTEM FOR GROWING PLANTS. Still Water Designs, Inc.
- 3439508** STACKED CUTLERY SYSTEM AND METHOD. Waddington North America, Inc.
- 3439521** SEQUENTIALLY ACTIVATED MULTI-DIAPHRAGM FOAM PUMPS, REFILL UNITS AND DISPENSER SYSTEMS. Gojo Industries, Inc.
- 3439529** DEVICES AND METHODS FOR CONVEYING AND CONTROLLING LIGHT BEAMS FOR LENSLESS ENDO-MICROSCOPIC IMAGERY. Ecole Centrale De Marseille (ECM); Centre National de la Recherche Scientifique CNRS; Universite d'Aix-Marseille (AMU)
- 3439556** ANALYTE SENSOR. Medtronic MiniMed, Inc.
- 3439557** PROBE FOR MEASURING INTRAVESICAL PRESSURE. Gattinoni, Luciano; SIDAM S.r.l.
- 3439565** ARTICULATION JOINT FOR SURGICAL INSTRUMENT. Ethicon LLC
- 3439590** INDIRECTLY COOLED CRYOTHERAPY APPARATUS. Air Products and Chemicals, Inc.
- 3439596** PATIENT INTERFACE DEVICE FOR LASER EYE SURGERY HAVING LIGHT GUIDING STRUCTURE FOR ILLUMINATING THE EYE. AMO Development, LLC
- 3439600** WEARABLE ARTICLE HAVING ARTWORK. The Procter & Gamble Company
- 3439635** FORMULATIONS FOR SOLID TUMOR TREATMENT. Crititech, Inc.
- 3439644** ISOFLAVONOID COMPOSITION WITH IMPROVED PHARMACOKINETICS. Noxopharm Limited
- 3439689** METHODS FOR TREATING HYPERLIPIDEMIA WITH AN ANGPTL8 INHIBITOR AND AN ANGPTL3 INHIBITOR. Regeneron Pharmaceuticals, Inc.
- 3439708** PHOSPHOCALCIC CEMENT COMPOSITION COMPRISING BLOOD. Université de Nantes; Centre National de la Recherche Scientifique; Ecole Nationale Veterinaire, Agroalimentaire et de L'Alimentation Nantes-Atlantique; Graftys
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- 3439726** HAEMOSTATIC DEVICE FOR TREATING POSTOPERATIVE BLEEDING OF THE PROSTATIC CAVITY AFTER BENIGN PROSTATIC HYPERTROPHY SURGERY. Devonec, Marian
- 3439740** TIME OPTIMIZED RADIATION TREATMENT SYSTEM. Varian Medical Systems Particle Therapy GmbH & Co. KG
- 3439747** FIRE SUPPRESSION SYSTEM MODULES AND METHODS OF SEALING. Tyco Fire Products LP
- 3439773** MODULAR OSCILLATORY FLOW PLATE REACTOR. Universidade do Minho; Universidade Do Porto
- 3439808** PROCESS FOR BLANKING OF METAL PARTS. Robert Bosch GmbH
- 3439816** REAMER. Gühring KG
- 3439836** ROBOT-AIDED GRINDING APPARATUS. Ferrobotics Compliant Robot Technology GmbH
- 3439857** TAPE LAYING AND CUTTING SYSTEM FOR FIBER REINFORCED PLASTIC MANUFACTURING. Addcomposites Oy
- 3439859** WINDSHIELD AND LAMINATED GLASS REPAIR TOOL. Glas-Weld Systems, Inc.
- 3439874** THERMOPLASTIC FILM FOR VACUUM SKIN PACKAGING, METHOD OF PACKAGING AND USES THEREOF. Cryovac, LLC
- 3439903** OPENING AND CLOSING DEVICE FOR WINDOWS OF THE SLIDING TYPE FOR VEHICLES AND WINDOW COMPRISING SAID DEVICE. Sguinzi Pietro S.p.A.
- 3439954** DEVICE FOR PROPELLING A PASSENGER. Zipair
- 3439985** PALLET CONTAINER. Mauser-Werke GmbH
- 3440008** DISPENSER FOR GAS-CONTAINING BEVERAGES, DISPENSING METHOD AND COMPUTER PROGRAM. O.D.L. S.r.l.
- 3440025** OUTBOARD DURABLE TRANSPARENT CONDUCTIVE COATING ON AIRCRAFT CANOPY. PPG Industries Ohio, Inc.
- 3440066** MDM2 PROTEIN DEGRADERS. The Regents of The University of Michigan
- 3440073** KINASE INHIBITORS. Oxular Acquisitions Limited
- 3440078** HETEROCYCLIC GPR119 AGONIST COMPOUNDS. MANKIND PHARMA LTD
- 3440084** PYRIMIDO-DIAZEPINONE KINASE SCAFFOLD COMPOUNDS AND METHODS OF TREATING PI3K-MEDIATED DISORDERS. Dana-Farber Cancer Institute, Inc.
- 3440087** THIAZOLOPYRIDINE DERIVATIVES AS GPR119 AGONISTS. Mankind Pharma Ltd.
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- 3440142** POLYURETHANE-POLYACRYLATE HYBRID SYSTEMS FOR PACKAGING INKS AND COATINGS. Sun Chemical Corporation
- 3440243** BIODEGRADABLE POLYAMIDE FIBER, PROCESS FOR OBTAINING SUCH FIBER AND POLYAMIDE ARTICLE MADE THEREFROM. Rhodia Poliamida e Especialidades S.A.
- 3440277** FLEXURALLY RIGID CORNER CONSTRUCTION FOR THE SUPPORT STRUCTURE OF A KEDER ROOF HALL. Wilhelm Layher Verwaltungs-GmbH
- 3440324** PRESSURIZED OIL CIRCUIT. UFI Filters S.p.A.
- 3440363** EZ ADJUST IMPELLER CLEARANCE. ITT Manufacturing Enterprises LLC
- 3440443** METHOD FOR ACQUIRING AND FORMING A SPECTROMETRY IMAGE BY ADAPTED SPATIAL SAMPLING. Horiba France SAS
- 3440444** WOVEN FABRIC HAVING A PLURALITY OF WOVEN FABRIC LAYERS. Pilz GmbH & Co. KG
- 3440447** COMPENSATED MECHANICAL TESTING SYSTEM. Nanomechanics, Inc.
- 3440475** RF TRANSMIT SYSTEM WITH SELECTABLE DRIVE PORTS FOR MAGNETIC RESONANCE IMAGING APPARATUSES. Koninklijke Philips N.V.
- 3440476** SWITCHABLE TRANSMIT/RECEIVE (T/R) MODULE. Raytheon Company
- 3440478** APPARATUS AND METHOD FOR REDUCING COLLISION RISKS. Saronikos Trading and Services, Unipessoal Lda
- 3440485** HEADS-UP DISPLAY. Valeo Comfort and Driving Assistance
- 3440504** LIGHT GENERATING DEVICE, HEAD-UP DISPLAY COMPRISING SUCH A DEVICE. Valeo Comfort and Driving Assistance
- 3440571** INCREMENTALLY DISTRIBUTING LOGICAL WIRES ONTO PHYSICAL SOCKETS BY REDUCING CRITICAL PATH DELAY. Synopsys, Inc.
- 3440582** TECHNIQUES FOR IMPLEMENTING PERSISTENTLY INTERACTIVE SOFTWARE ROBOTS. Soroco Private Limited
- 3440643** DISPENSING MECHANISM. Lavazza Professional UK Limited
- 3440650** FIRST RESPONDER READINESS SYSTEM. Scott Technologies, Inc.
- 3440661** A MODULAR DEPLOYABLE DISPLAY UNIT AND SYSTEM THEREOF. Malik, Mansoor
- 3440662** ELECTRONIC DEVICE AND METHOD FOR CONTROLLING THE ELECTRONIC DEVICE. Samsung Electronics Co., Ltd.
- 3440682** MODULE. TDK Electronics AG
- 3440697** FLAT NO-LEADS PACKAGE WITH IMPROVED CONTACT LEADS. Microchip Technology Incorporated
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- 3440710** ASYMMETRIC GROOVE. Power Roll Limited
- 3440718** PROCESS FOR CREATING PIEZO-ELECTRIC MIRRORS IN PACKAGE.  
INTEL Corporation
- 3440747** A CONNECTION SYSTEM WITH A BAYONET-TYPE LOCKING DEVICE  
ADAPTED TO ALLOW A QUICK DISCONNECTING OPERATION. Radiall
- 3440752** INSERT HALF, AND INSERT BLOCK COMPRISING TWO OF SAID  
INSERT HALVES. MCT Brattberg AB
- 3440768** POWER CONVERTER. Telefonaktiebolaget LM Ericsson (PUBL)
- 3440773** OPERATOR CONTROL APPARATUS, IN PARTICULAR FOR A  
DOMESTIC APPLIANCE. Diehl AKO Stiftung & Co. KG
- 3440817** AUTOMATED SECURITY POLICY GENERATION FOR CONTROLLERS.  
Karamba Security
- 3440818** REPORTING AND PROCESSING CONTROLLER SECURITY  
INFORMATION. Karamba Security
- 3440821** SECURE CONTROLLER OPERATION AND MALWARE PREVENTION.  
Karamba Security
- 3440823** METHOD AND SYSTEM FOR MANAGING PERSONAL INFORMATION  
WITHIN INDEPENDENT COMPUTER SYSTEMS AND DIGITAL  
NETWORKS. Zamna Technologies Limited
- 3440835** HEAD-UP DISPLAY SYSTEM. Valeo Comfort and Driving Assistance
- 3440869** METHOD AND APPARATUS FOR U-PLANE SUB-SERVICE FLOW  
MAPPING. Nokia Technologies Oy
- 3440875** PROXY DEVICES AND METHOD FOR SERVING SLEEPY INTERNET-OF-  
THINGS DEVICES. Sony Group Corporation
- 3440885** CONFIGURABLE SUBFRAME STRUCTURES IN WIRELESS  
COMMUNICATION. Qualcomm Incorporated
- 3440886** SCHEDULING REQUEST TRANSMISSION TO REQUEST RESOURCES  
FOR A BUFFER STATUS REPORT. Qualcomm Incorporated
- 3441139** CATALYST FOR OXIDATIVE DEHYDROGENATION REACTION,  
METHOD FOR PRODUCING SAME, AND OXIDATIVE  
DEHYDROGENATION METHOD USING SAME. LG Chem, Ltd.
- 3441337** SINGLE SHEET HANDLING DEVICE FOR INPUTTING AND FOR  
DISPENSING OF RECTANGULAR INDIVIDUAL SHEETS, IN  
PARTICULAR BANKNOTES, INTO OR OUT OF A CONTAINER. Wincor  
Nixdorf International GmbH
- 3441484** STABILIZER MATERIAL FOR SUPERCONDUCTOR. Mitsubishi Materials  
Corporation
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- 3441485** STABILIZER MATERIAL FOR SUPERCONDUCTOR, SUPERCONDUCTING WIRE AND SUPERCONDUCTING COIL. Mitsubishi Materials Corporation
- 3441561** DEVICE FOR JOINING A MODULAR BLADE. Nabrawind Technologies SL
- 3441718** ORIENTATION ESTIMATION DEVICE AND TRANSPORT EQUIPMENT. Yamaha Hatsudoki Kabushiki Kaisha
- 3441844** FLEXIBLE DEVICE AND OPERATING METHOD THEREFOR. Samsung Electronics Co., Ltd.
- 3441876** PATCH UPGRADE-BASED FILE PROCESSING METHOD AND DEVICE, TERMINAL, AND STORAGE MEDIUM. Honor Device Co., Ltd.
- 3442005** METHOD FOR MANUFACTURING COMPOSITE WAFER PROVIDED WITH OXIDE SINGLE CRYSTAL THIN FILM. Shin-Etsu Chemical Co., Ltd.
- 3442137** METHOD FOR TRANSMITTING INFORMATION IN OPTICAL WIRELESS COMMUNICATION NETWORK, COORDINATOR AND TERMINAL NODE. Huawei Technologies Co., Ltd.
- 3442222** SYSTEM FOR PROJECTING IMMERSIVE AUDIOVISUAL CONTENT. Broomx Technologies, S.L.
- 3442331** SPRAYING DEVICE FOR SPRAYING LIQUID ONTO CROPS. Hoeben, Henricus Johannes Godefridus Maria
- 3442336** FUNGICIDAL AND/OR BACTERICIDAL PLANT PROTECTION AGENT. Spiess-Urania Chemicals GmbH
- 3442345** OFFSET WEIGHING APPARATUS. BAADER Food Systems USA, Inc.
- 3442353** PROTEIN DRINK AND METHOD FOR PRODUCING SAME. Klassen, Peter
- 3442363** SHISHA CONSUMABLE ARTICLE. Philip Morris Products S.A.
- 3442372** SHOELACE FASTENING FOR INNER SHOE. Nitro Snowboards
- 3442431** ELECTROSURGICAL DEVICE WITH VACUUM PORT. Buffalo Filter LLC
- 3442442** ULTRASONIC THERMAL ABLATION PROBE. Carthera
- 3442448** SUBCUTANEOUS IMPLANT INTEGRATED INSTRUMENT. Cardiac Pacemakers, Inc.
- 3442449** SUBCUTANEOUS IMPLANT INTEGRATED INSTRUMENT WITH POCKET CREATOR. Cardiac Pacemakers, Inc.
- 3442463** CAD/CAM IMPLEMENTED METHOD FOR PRODUCING A DENTAL RESTORATION. Nobel Biocare Services AG
- 3442469** MINIMALLY INVASIVE ATRIO-VENTRICULAR VALVE TREATMENT BY CHOEDAE ADJUSTMENT. Erickson, Lars
- 3442487** APPARATUS AND SYSTEMS FOR CONTROLLED COLLAPSE OF AN EXOSKELETON. Rewalk Robotics Ltd.
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- 3442489** SUNSCREEN FORMULATIONS COMPRISING AN OLEOSOME SUSPENSION AND AN ACIDIC BUFFERING SYSTEM. Botaneco Inc.
- 3442503** INJECTABLE COMPOSITION FOR DELIVERY OF A BIOLOGICALLY ACTIVE AGENT. Capsular Technologies Pty Ltd.
- 3442507** GENERATION OF DNA HYDROGELS FROM LINEAR BUILDING BLOCKS. Nöll, Gilbert; Nöll, Tanya
- 3442585** COMPOSITIONS AND METHODS TO PROGRAM THERAPEUTIC CELLS USING TARGETED NUCLEIC ACID NANOCARRIERS. Fred Hutchinson Cancer Center
- 3442635** METHOD OF CONTROLLING A POWERED AIR PURIFYING RESPIRATOR. 3M Innovative Properties Company
- 3442637** METHOD OF CONTROLLING A POWERED AIR PURIFYING RESPIRATOR. 3M Innovative Properties Company
- 3442650** MEDICAL DEVICE LEAD CONNECTION ASSEMBLY WITH GUIDE HUB. Medtronic, Inc.
- 3442662** METHOD OF IMPROVING THE APPEARANCE OF PERIORBITAL DYSCHROMIA. The Procter & Gamble Company
- 3442679** VACUUM FILTER. Techtronic Floor Care Technology Limited
- 3442680** HANDHELD VACUUM CLEANER. Techtronic Floor Care Technology Limited
- 3442696** MICROCAPSULES. Croda International PLC
- 3442711** ANALYTE DETECTION METHODS AND APPARATUS USING DIELECTROPHORESIS AND ELECTROOSMOSIS. Fluid-Screen, Inc.
- 3442717** METHOD AND PRODUCTION SYSTEM FOR PRODUCING VEHICLES, AND SURFACE TREATMENT SYSTEM FOR TREATING THE SURFACE OF VEHICLE BODIES. Eisenmann GmbH
- 3442726** REACTIVE METAL POWDERS IN-FLIGHT HEAT TREATMENT PROCESSES. AP&C Advanced Powders And Coatings Inc.
- 3442756** VARIABLE STIFFNESS SERIES ELASTIC ACTUATOR. Marquette University
- 3442774** PRINT HEAD FOR THREE-DIMENSIONAL PRINTING AND THE PRINT HEAD ASSEMBLY. OMNI3D Sp. z o.o
- 3442775** OPTIMIZED THREE DIMENSIONAL PRINTING USING READY-MADE SUPPORTS. Materialise NV
- 3442787** BLISTER FREE COMPOSITE MATERIALS MOLDING. Honeywell International Inc.
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- 3442796** VACUUM SKIN PACKAGE HAVING IMPLOSION-RESISTANT TOP WEB.  
Cryovac, LLC
- 3442798** SYSTEM AND METHODS FOR DETECTING MALFUNCTIONING  
NOZZLES IN A DIGITAL PRINTING PRESS. Advanced Vision Technology  
(AVT) Ltd.
- 3442801** INK JET PRINTER. Canon Production Printing Holding B.V.
- 3442816** FRAME SYSTEM. SAF-HOLLAND GmbH
- 3442821** A METHOD AND APPARATUS FOR ESTIMATING A AGING STATE OF  
AN ENERGY STORAGE SYSTEM OF A VEHICLE. Clarios Germany GmbH  
& Co. KG; Robert Bosch GmbH
- 3442824** A VEHICLE CHARGING CONNECTOR COMPRISING A VISUAL  
INDICATOR PART. Charge-Amps AB
- 3442901** TEMPLATED SYNTHESIS OF SHAPE-CONTROLLED POLYMERIC  
NANOFIBERS BY CHEMICAL VAPOR DEPOSITION (CVD) IN LIQUID  
CRYSTALS. The Regents of The University of Michigan; Wisconsin Alumni  
Research Foundation
- 3442933** LIQUID PHASE XYLENE ISOMERIZATION IN THE ABSENCE OF  
HYDROGEN. UOP LLC
- 3442949** CONTRAST AGENTS. Bracco Imaging S.p.A.
- 3442976** BET PROTEIN DEGRADERS. The Regents of The University of Michigan
- 3443030** WATER SOLUBLE FILM, PACKETS EMPLOYING THE FILM, AND  
METHODS OF MAKING AND USING SAME. MonoSol, LLC
- 3443056** ODOURLESS SHEA BASED ESTERS. AAK AB (Publ)
- 3443080** REPAIRING COMPOUND HETEROZYGOUS RECESSIVE MUTATIONS  
BY ALLELE EXCHANGE. University of Massachusetts
- 3443085** GENOME EDITING OF HUMAN NEURAL STEM CELLS USING  
NUCLEASES. BOCO Silicon Valley, Inc.; The Board of Trustees of the Leland  
Stanford Junior University
- 3443094** METHODS FOR REDUCING C9ORF72 EXPRESSION. Ionis Pharmaceuticals,  
Inc.; LUDWIG INSTITUTE FOR CANCER RESEARCH
- 3443096** COMPOSITIONS AND METHODS FOR SELECTIVE EXPRESSION OF  
CHIMERIC ANTIGEN RECEPTORS. Novartis AG; The Trustees of The  
University of Pennsylvania
- 3443124** METHODS FOR AMPLIFICATION IN COMPLEX SAMPLES. T2  
Biosystems, Inc.
- 3443161** METHOD AND FORMING BELT FOR PRODUCING A FIBRE MATERIAL  
WEB. Voith Patent GmbH
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- 3443204** FLOW STRAKES FOR TURBOCHARGER BEARING HOUSING OIL CORE.  
BorgWarner Inc.
- 3443208** EXHAUST SYSTEM FOR A DIESEL ENGINE. Johnson Matthey Public  
Limited Company
- 3443212** MODULAR GENSET ENCLOSURE COMPONENTS. Cummins Power  
Generation Limited
- 3443217** STARTER FOR COMBUSTION ENGINE OF MOTOR VEHICLE PROVIDED  
WITH SHAPE-OPTIMIZED SHOCK ABSORBING ELEMENTS. Valeo  
Equipements Electriques Moteur
- 3443222** CONTROL METHOD FOR A WIND TURBINE. Vestas Wind Systems A/S
- 3443225** A HOLLOW DISK PUMP OF THE PORTABLE TYPE WITH VARIABLE  
ECCENTRICITY. 3p Prinz S.r.l.
- 3443231** ELECTROPNEUMATIC VALVE ASSEMBLY. HOERBIGER Flow Control  
GmbH
- 3443238** SLIDING BEARING PLATE. Fibro GmbH
- 3443247** VALVE NOZZLE AND VALVE NOZZLE ASSEMBLY. Kilter AS
- 3443279** METHOD FOR MAKING CLEAR ICE. Whirlpool Corporation
- 3443280** CLEAR ICE MAKING APPLIANCE. Whirlpool Corporation
- 3443302** INTERSECTION MAP MESSAGE CREATION FOR VEHICLE  
COMMUNICATION. HERE Global B.V.
- 3443334** A NEEDLE PROBE FOR MEASURING A THERMAL PROPERTY. Oxford  
University Innovation Limited
- 3443365** DEVICE FOR MEASURING ELECTRIC CURRENTS. Schneider Electric  
Industries SAS
- 3443371** PARALLEL TRANSMIT RF POWER CONTROL FOR NMR IMAGING OF A  
SUBJECT AND OF INVASIVE CONDUCTIVE OBJECTS.. King's College  
London
- 3443387** PHOTSENSORS ARRANGED ON A SURFACE OF A SCINTILLATOR.  
Saint-Gobain Ceramics & Plastics, Inc.
- 3443396** OPTICAL CONNECTOR AND CONTACTING ELEMENT FOR AN  
OPTICAL CONNECTOR. Léo S.A.
- 3443397** IMAGING LENS SYSTEM. Apple Inc.
- 3443401** SUPER-RESOLUTION IMAGING. Universitetet I Tromsø - Norges Arktiske  
Universitet
- 3443426** A TRANSPORTER AND A CONTROL METHOD FOR A TRANSPORTER.  
DEKA Products Limited Partnership
- 3443428** LINE ACQUISITION PATH GENERATION. Agjunction LLC
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- 3443433** DEVICE WITH A ROTATABLE DISPLAY. Microsoft Technology Licensing, LLC
- 3443434** DEVICE WITH A ROTATABLE DISPLAY. Microsoft Technology Licensing, LLC
- 3443435** DEVICE WITH A ROTATABLE DISPLAY. Microsoft Technology Licensing, LLC
- 3443436** DEVICE WITH A ROTATABLE DISPLAY. Microsoft Technology Licensing, LLC
- 3443437** DEVICE WITH A ROTATABLE DISPLAY. Microsoft Technology Licensing, LLC
- 3443503** APPLICATION APPROVAL. Hewlett-Packard Development Company, L.P.
- 3443542** DEVICE AND METHOD FOR CHECKING VALUE DOCUMENTS, IN PARTICULAR BANKNOTES, AND VALUE DOCUMENT PROCESSING SYSTEM. Giesecke+Devrient Currency Technology GmbH
- 3443553** CONVERSION SYSTEM OF THE MOVEMENTS RELATED TO SIGN LANGUAGES INTO VOICE AND/OR WRITTEN TEXT. Limix S.r.l.
- 3443593** HIGH DENSITY PIXELATED MULTI-LED CHIP. CreeLED, Inc.
- 3443604** ELECTROCHEMICAL ELEMENTS ASSEMBLED BY AN ADDITIVE MANUFACTURING METHOD. SAFT
- 3443635** BALANCED BATTERY CHARGING SYSTEM. Microchip Technology Incorporated
- 3443638** CHARGER FOR AN AEROSOL DELIVERY DEVICE. RAI Strategic Holdings, Inc.
- 3443640** GENERATOR ROTOR FOR A GENERATOR OF A WIND TURBINE OR A HYDROELECTRIC POWER PLANT, GENERATOR, AND WIND TURBINE AND HYDROELECTRIC POWER PLANT COMPRISING SAME. Wobben Properties GmbH
- 3443654** FILTERING SYSTEMS AND METHODS FOR VOLTAGE CONTROL. Emerson Climate Technologies, Inc.
- 3443664** MODULAR AND SCALABLE POWER AMPLIFIER SYSTEM. Telefonaktiebolaget LM Ericsson (PUBL)
- 3443681** FREQUENCY HOPPING IN OFDMA WIRELESS NETWORKS. Qualcomm Incorporated
- 3443697** APPARATUSES AND METHODS FOR USING ARQ PROCESSES IN A RELAY DEVICE. Sony Group Corporation
- 3443724** WEB SERVICE PICTURE PASSWORDS. Microsoft Technology Licensing, LLC
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- 3443756** SLAVE REQUESTED AUDIO SYNCHRONIZATION. Roku, Inc.
- 3443804** SECONDARY CELL ACTIVATION AND DEACTIVATION.  
Telefonaktiebolaget LM Ericsson (publ)
- 3443856** CARTRIDGE FOR AN ELECTRONIC CIGARETTE AND ELECTRONIC CIGARETTE WHICH SAID CARTRIDGE. MD&C Creative Maison SA
- 3443879** DUST COLLECTOR. LG Electronics Inc.
- 3443889** SYSTEM FOR DETECTING A SEPSIS CONDITION. Trilinear BioVentures, LLC
- 3443896** PULSE WAVE DETECTION DEVICE AND BIOLOGICAL INFORMATION MEASUREMENT DEVICE. Omron Healthcare Co., Ltd.
- 3443962** QUINOLINE DERIVATIVE FOR TREATING GASTRIC CANCER. Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
- 3444031** HETEROCYCLIC CARBOXYLIC ACID AMIDE LIGAND AND APPLICATIONS THEREOF IN COPPER CATALYZED COUPLING REACTION OF ARYL HALOGENO SUBSTITUTE. CE Pharm Co.,Ltd
- 3444059** SMALL-DIAMETER DRILL BIT. MOLDINO Tool Engineering, Ltd.
- 3444081** WORKING ROBOT. Fuji Corporation
- 3444198** FOAM DISCHARGE DEVICE. Kao Corporation
- 3444247** PYRIDONE DERIVATIVE COMPRISING OXETANE SUBSTITUENT, FOR TREATING FIBROSIS AND INFLAMMATORY DISEASES. GUANGZHOU JOYO PHARMATECH CO., LTD; Shijiazhuang Sagacity New Drug Development Co., Ltd.; Medshine Discovery Inc.
- 3444346** AAV-BASED TREATMENT OF CHOLESTEROL-RELATED DISORDERS. University of Massachusetts
- 3444393** WASHING MACHINE. LG Electronics Inc.; Industry - University Cooperation Foundation Hanyang University
- 3444469** MECHANISM FOR RESTRAINING FUEL PRESSURE PULSATION AND HIGH PRESSURE FUEL SUPPLY PUMP OF INTERNAL COMBUSTION ENGINE WITH SUCH MECHANISM. Hitachi Astemo, Ltd.
- 3444500** FRICTION TRANSMISSION BELT. Mitsuboshi Belting Ltd.
- 3444645** LAMINATE, PERSONAL AUTHENTICATION MEDIUM, AND METHOD FOR MANUFACTURING LAMINATE. Toppan Printing Co., Ltd.
- 3444656** LIGHT DIMMING MODULE. Toppan Printing Co., Ltd.
- 3444862** AQUEOUS SEALANT COMPOSITION FOR NONAQUEOUS ELECTROLYTE BATTERY. Zeon Corporation
- 3444954** COMMUNICATION BETWEEN A VEHICLE AND A GROUND TERMINAL OVER A GROUND POWER LINE. The Boeing Company
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- 3445013** METHOD AND APPARATUS FOR PROVIDING NEXT GENERATION NETWORK SERVICE IN HETEROGENEOUS NETWORK ENVIRONMENT. SK Telecom Co., Ltd.
- 3445186** HYBRID AEROSOL-GENERATING ELEMENT AND METHOD FOR MANUFACTURING A HYBRID AEROSOL-GENERATING ELEMENT. Philip Morris Products S.A.
- 3445198** RAPID-ENTRY FOOTWEAR WITH REBOUNDED FIT SYSTEM. Fast IP, LLC
- 3445207** BRUSH FILLING MACHINE AND FILLING TONGUE. GB Boucherie NV
- 3445209** SUPPORT DEVICE FOR SUPPORTING AT LEAST ONE PERSON LOCATED ON IT. Amoriello, Roberto
- 3445234** SYSTEM AND METHOD FOR DETECTING WHEN A SENSOR IS WORN. Koninklijke Philips N.V.
- 3445243** DETERMINING TISSUE OXYGEN SATURATION WITH MELANIN CORRECTION. Vioptix, Inc.
- 3445259** MEDICAL RETRIEVAL DEVICE. Gyrus ACMI, Inc. (D.B.A. Olympus Surgical Technologies America)
- 3445263** SYSTEMS FOR A PEDICLE SCREW ASSEMBLY. Dignity Health
- 3445270** SYSTEM FOR PRODUCING AN ORTHODONTIC APPARATUS. Dental Monitoring
- 3445271** METHOD FOR PREDICTING A DENTAL SITUATION. Dental Monitoring
- 3445273** ORTHODONTIC APPLIANCE WITH NON-SLIDING, TIED ARCHWIRE. Swift Health Systems Inc.
- 3445290** BEATING-HEART MITRAL VALVE CHORDAE REPLACEMENT. Edwards Lifesciences Corporation
- 3445330** USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS. The U.S.A. as represented by the Secretary, Department of Health and Human Services
- 3445332** HARNESSING QUANTUM DOTS TO STUDY, VISUALIZE, AND PROMOTE IMMUNE TOLERANCE. The United States of America, as Represented by the Secretary of the Navy; University of Maryland, College Park
- 3445347** CHEMOTHERAPY IMPROVEMENTS WITH IDRONOXIL. Noxopharm Limited
- 3445407** COMPOSITIONS AND METHODS OF CELLULAR IMMUNOTHERAPY. CRAGE medical Co., Limited
- 3445414** HYBRID IMPLANT MADE OF A COMPOSITE MATERIAL. Karl Leibinger Medizintechnik Gmbh & Co. Kg
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- 3445440** SYSTEMS AND METHODS FOR A CEREBROSPINAL FLUID FLOW DETECTOR. Dignity Health
- 3445475** REMOVAL OF SULFATE FROM SOLVENT SOLUTIONS USING AN ANION EXCHANGE RESIN. MECS, Inc.
- 3445481** FRACTIONAL LOBE PROCESSOR, AND RELATED PROCESS FOR THE WET GRANULATION OF POWDERY MATERIAL. Steerlife India Private Limited
- 3445490** HIGH DENSITY DEPOSITION FOR ARRAY PRODUCTION. Becton, Dickinson and Company
- 3445499** IONIC LIQUID CATALYST IN SULFUR-CONTAINING POLYMER COMPOSITIONS. PRC-Desoto International, Inc.
- 3445519** DRILL BIT. Hilti Aktiengesellschaft
- 3445526** PRODUCTION PLANT AND PRODUCTION METHOD. KUKA Systems GmbH
- 3445528** DEVICE AND METHOD FOR INSERTING A TOOL INTO A TOOL HOLDER. Franz Haimer Maschinenbau KG
- 3445530** TRANSFER MACHINE WITH A ROTARY TABLE. Mikron Switzerland AG, Zweigniederlassung Agno, Machining
- 3445541** DRIVE UNIT FOR A ROBOT. FRANKA EMIKA GmbH
- 3445543** MOTORIZED JOINT FOR A PROGRAMMABLE AUTOMATED MOVING DEVICE. Ovalo GmbH
- 3445557** METHOD OF USING AN INJECTION MOLDING APPARATUS AND. Universal Smart Inc.
- 3445560** CONTAINER SLEEVING DEVICE, SYSTEM AND METHOD. Fuji Seal International, Inc.
- 3445565** THREE-DIMENSIONAL (3D) PRINTING WITH EPOXY MOLD COMPOUND. Hewlett-Packard Development Company, L.P.
- 3445581** METHOD TO BOND TWO SURFACES WITH PRECURED EPOXY AND OPTICAL SUBASSEMBLY INCLUDING THE SAME. Finisar Corporation
- 3445639** TRANSPORT KEY FOR A STEER-BY-WIRE STEERING SYSTEM FOR MOTOR VEHICLES. thyssenkrupp Presta AG; thyssenkrupp AG
- 3445664** APPARATUS FOR FORMING A SLEEVE ON A CONTAINER. The Procter & Gamble Company
- 3445672** PROCESS FOR FLAMBÉING GRILLED FOOD AND DISPENSER FOR APPLYING PASTY BARBECUE SAUCES AND FLAMBÉ PASTES. Windplussonne GmbH
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- 3445679** STORAGE AND PICKING SYSTEM FOR RETRIEVING HANDLING UNITS. SSI Schäfer Automation GmbH (AT)
- 3445705** METHOD AND FILLING DEVICE FOR FILLING A TRANSPORT CONTAINER WITH A FLUID. Merck Patent GmbH
- 3445724** CONTROL OF A CENTRALISED AIR PRODUCTION SYSTEM FOR A WASTEWATER TREATMENT PLANT. Suez International
- 3445748** METHODS OF MANUFACTURE OF 2-ARYL-3,3-BIS(4-HYDROXYARYL) PHTHALIMIDINES AND POLYMERS DERIVED THEREFROM. SHPP Global Technologies B.V.
- 3445749** COMPOUNDS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH NLRP ACTIVITY. Novartis AG
- 3445756** COMPOUNDS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH NLRP ACTIVITY. Novartis AG
- 3445764** DEGRADATION OF CYCLIN-DEPENDENT KINASE 8 (CDK8) BY CONJUGATION OF CDK8 INHIBITORS WITH E3 LIGASE LIGAND AND METHODS OF USE. Dana-Farber Cancer Institute, Inc.
- 3445784** ADMINISTRATION OF A BISPECIFIC CONSTRUCT BINDING TO CD33 AND CD3 FOR USE IN A METHOD FOR THE TREATMENT OF MYELOID LEUKEMIA. Amgen Research (Munich) GmbH
- 3445788** NOVEL BISPECIFIC POLYPEPTIDES AGAINST CD137. Alligator Bioscience AB
- 3445813** REGIOSELECTIVELY SUBSTITUTED CELLULOSE ESTERS AND FILMS MADE THEREFROM. Eastman Chemical Company
- 3445819** METHOD FOR IMPROVING THE MELT STRENGTH OF AN ORIENTED POLYVINYL CHLORIDE COMPOSITION. Rohm and Haas Company
- 3445826** RADIATION CURABLE INK FORMULATION. Flint Group Sweden AB
- 3445829** LONG OPEN-TIME WATER BASED PRIMER COMPOSITION FOR ISOCYANATE AND SILANE FUNCTIONAL ADHESIVES. Dow Global Technologies LLC; Rohm and Haas Company
- 3445865** METHOD FOR OBTAINING AT LEAST ONE OR MORE BETA-GLUCAN COMPOUNDS OR A SOLIDS SUSPENSION CONTAINING BETA GLUCAN FROM YEAST CELLS. GEA Mechanical Equipment GmbH
- 3445870** NUCLEIC ACID SEQUENCING METHOD AND SYSTEM EMPLOYING ENHANCED DETECTION OF NUCLEOTIDE-SPECIFIC TERNARY COMPLEX FORMATION. Pacific Biosciences of California, Inc.
- 3445915** METHOD AND KIT FOR MITIGATING THE RISK OF LIQUEFACTION OF GROUND TO BE CONSOLIDATED. Geosec S.r.l.
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- 3445929** A DOOR PROVIDED WITH AT LEAST ONE LATCH. Remko Mark B.V.
- 3445951** TURBOCHARGER HEAT SHIELD. BorgWarner Inc.
- 3445955** SYSTEM AND METHOD FOR OXIDATION OF HYDROCARBON GASES.  
8 Rivers Capital, LLC
- 3445966** EJECTOR DEVICE AND COMBINATION OF A CYLINDER HEAD COVER  
AND AN EJECTOR DEVICE. ElringKlinger AG
- 3445992** SUBSEA DAMPER UNIT. Tech Damper AS
- 3446003** ACTUATOR, DEVICE FOR ENGAGING A PARKING LOCK OF A MOTOR-  
VEHICLE AUTOMATIC TRANSMISSION HAVING SUCH AN ACTUATOR  
AND MOTOR VEHICLE EQUIPPED THEREWITH. Küster Holding GmbH
- 3446026** COMPOSITE PRESSURE VESSEL ASSEMBLY AND METHOD OF  
MANUFACTURING. Raytheon Technologies Corporation
- 3446044** BOILER. De' Longhi Appliances S.r.l. Con Unico Socio
- 3446049** CONDENSER EVAPORATOR SYSTEM FOR REFRIGERATION SYSTEMS.  
Johnson Controls Tyco IP Holdings LLP
- 3446051** PURGE SYSTEM FOR CHILLER SYSTEM. Carrier Corporation
- 3446052** CHILLER SYSTEM, METHOD FOR OBTAINING MIDDLE WATER  
TEMPERATURE AND CONTROL METHOD THEREOF. Carrier Corporation
- 3446081** SYSTEM AND METHOD FOR AUTOMATICALLY DETERMINING THE  
WEIGHT OF FOODS. Vorwerk & Co. Interholding GmbH
- 3446110** WEAR-OUT MONITOR DEVICE. Analog Devices International Unlimited  
Company
- 3446134** DETERMINING ELECTRICAL CONTACTING BETWEEN AN  
ELECTRICAL SYSTEM AND A MEASURING SYSTEM. AVL DiTest GmbH
- 3446189** SAFETY SYSTEM, METHOD AND COMPUTER PROGRAM FOR  
REMOTELY CONTROLLED WORK VEHICLES. HUSQVARNA AB
- 3446193** SYSTEMS AND METHODS FOR ADAPTIVE CLOCK DESIGN.  
QUALCOMM Incorporated
- 3446206** ULTRASONIC INPUT DEVICE. Chirp Microsystems, Inc.
- 3446207** PROCESSOR WITH INSTRUCTION LOOKAHEAD ISSUE LOGIC.  
Microsoft Technology Licensing, LLC
- 3446219** SYSTEM AND METHOD FOR ENHANCING DATA HANDLING IN A  
NETWORK ENVIRONMENT. Vertigo Media, Inc.
- 3446225** MULTI-LEVEL CONTROL, VARIABLE ACCESS, MULTI-USER  
CONTEXTUAL INTELLIGENT COMMUNICATION PLATFORM.  
Bjontegard, Bernt Erik
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- 3446246** SYSTEMS AND METHODS FOR REDUCING STRESS. VMAS Solutions, Inc.
- 3446292** DIAGNOSTIC METHOD FOR ANALYSING THE OPERATION OF AT LEAST PART OF A PRODUCTION LINE IN THE TOBACCO INDUSTRY. G.D S.p.A.
- 3446294** DEVICE AND METHOD FOR MONITORING COLOR SECURITY FEATURES. QUISS Qualitäts-Inspektionssysteme und Service GmbH
- 3446320** THREE-PHASE CHOKE COIL. Wobben Properties GmbH
- 3446324** INTEGRAL CONTACT SOCKET FOR PLUG-IN CIRCUIT BREAKERS. Safran Electrical & Power
- 3446339** SOLAR PHOTOVOLTAIC MODULE. Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 3446369** CONNECTOR WITH INTERCHANGEABLE CONTACT. Phoenix Contact e-Mobility GmbH
- 3446379** ARRANGEMENT FOR OVERLOAD PROTECTION FOR OVERVOLTAGE PROTECTION EQUIPMENT. DEHN SE
- 3446385** MULTIPLE STRESS CONTROL DEVICE FOR CABLE ACCESSORIES AND METHODS AND SYSTEMS INCLUDING SAME. TE Connectivity Corporation
- 3446424** TECHNIQUES FOR ACKNOWLEDGMENT OF TRANSMISSIONS IN A WIRELESS COMMUNICATION SYSTEM. Qualcomm Incorporated
- 3446461** JUST IN TIME TRANSCODING AND PACKAGING IN IPV6 NETWORKS. Cisco Technology, Inc.
- 3446468** SYNCHRONIZATION IN A WIRELESS MESH NETWORK. Industrial Scientific Corporation
- 3446508** MOBILE BASE STATION NETWORK. Cummings, Mark
- 3446533** COLLISION DEADLOCK RESOLUTION. QUALCOMM Incorporated
- 3446549** SYSTEMS AND METHODS FOR VERIFYING CREDENTIALS. Signify Holding B.V.
- 3446647** ENDOSCOPIC TREATMENT TOOL. Olympus Corporation
- 3446795** PSEUDO TACTILE FORCE GENERATION DEVICE. Nippon Telegraph and Telephone Corporation
- 3446836** WORK DEVICE AND DUAL-ARM WORK DEVICE. NTN Corporation
- 3446927** VEHICLE DISPLAY DEVICE. Nippon Seiki Co., Ltd.
- 3446987** MANUAL BINDING TOOL. HellermannTyton Co., Ltd.
- 3447000** CAP AND DISCHARGE CONTAINER. Tokyo Light Industry Co. Ltd.; Kyoraku Co., Ltd.
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- 3447033** METHOD FOR MANUFACTURING GLASS INGOT. Fujikura Ltd.
- 3447129** METHOD FOR PRODUCING RETINAL TISSUE. Sumitomo Pharma Co., Ltd.; Riken; Sumitomo Chemical Company, Limited
- 3447132** HBA1C DEHYDROGENASE. Kikkoman Corporation
- 3447138** REGULATORY T CELL ACTIVATOR, AND USE THEREOF. University of Tsukuba
- 3447139** METHOD FOR INCREASING MUTATION INTRODUCTION EFFICIENCY IN GENOME SEQUENCE MODIFICATION TECHNIQUE, AND MOLECULAR COMPLEX TO BE USED THEREFOR. National University Corporation Kobe University
- 3447422** REFRIGERATOR. LG Electronics Inc.
- 3447513** MAGNETIC FIELD SENSOR WITH MAGNETIC FIELD SHIELD STRUCTURE AND SYSTEMS INCORPORATING SAME. NXP B.V.
- 3447546** DIFFRACTION GRATING DISPLAY BODY AND LABELED ARTICLE. Toppan Printing Co., Ltd.
- 3447990** INFORMATION TRANSMISSION METHOD AND DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3448184** AEROSOL-GENERATING DEVICE WITH VISUAL FEEDBACK DEVICE. Philip Morris Products S.A.
- 3448194** IMPROVED FASTENING DEVICE COMPRISING REINFORCED FASTENING ELEMENTS. Aplix
- 3448195** IMPROVED HOOK FASTENING DEVICE HAVING IMPROVED EDGES. Aplix
- 3448202** DEVICE FOR PRODUCING ROUND BRUSHES. Borghi S.P.A.
- 3448203** MACHINE FOR PRODUCING BRUSHES. GB Boucherie NV
- 3448207** UPHOLSTERY SPRING, METHOD FOR PRODUCING AN UPHOLSTERY SPRING, MATTRESS, AND UPHOLSTERED FURNITURE. AGRO Holding GmbH
- 3448217** SWEEPING MACHINE FOR FLOORS AND CARPETS. Lindhaus S.r.l.
- 3448265** TISSUE SAMPLE HOLDER WITH ENHANCED FEATURES. Devicor Medical Products, Inc.
- 3448273** DETERMINING AN OPTIMAL PLACEMENT OF A PEDICLE SCREW. Koninklijke Philips N.V.
- 3448285** CATHETER INCLUDING DRIVE ASSEMBLY FOR ROTATING AND RECIPROCATING TISSUE-REMOVING ELEMENT. Covidien LP
- 3448297** COMPLIANT MECHANISMS HAVING INVERTED TOOL MEMBERS. Intuitive Surgical Operations, Inc.
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- 3448303** METHOD FOR PRODUCING A REAL VENEER AS WELL AS VENEER AND BRIDGE THAT CAN BE OBTAINED ACCORDING TO THE METHOD. Kulzer GmbH
- 3448314** REPLACEMENT HEART VALVE WITH IMPROVED STITCHING. Boston Scientific Scimed, Inc.
- 3448315** EXPANDABLE STENT. Strait Access Technologies Holdings (PTY) LTD
- 3448342** BI-COMPONENT STAPLE OR SHORT-CUT TRILOBAL FIBRES AND THEIR USES. Beaulieu International Group NV
- 3448449** HYDROLYTICALLY STABLE POLYMER COMPOSITIONS, ARTICLES, AND METHODS. Medtronic Inc.
- 3448452** DEVICE FOR REMOVING UNDESIRABLE BIOLOGICAL AND/OR CHEMICAL ENTITIES FROM BIOLOGICAL FLUIDS. Istituto Romagnolo per lo Studio dei Tumori "Dino Amadori" - IRST S.r.l.; Rigaud, Michel
- 3448453** DEVICES FOR PERCUTANEOUS PA-LA CANNULATION AND METHODS OF DELIVERING AND USING THE SAME. ReCO2very Therapies GmbH
- 3448490** INTERVENTIONAL MEDICAL SYSTEMS AND ASSOCIATED ASSEMBLIES. Medtronic Inc.
- 3448498** LEAD FOR IMPLANTABLE MEDICAL DEVICE THAT AFFECTS PRESSURES WITHIN THE INTRATHORACIC CAVITY THROUGH DIAPHRAGMATIC STIMULATION. VisCardia, Inc.
- 3448502** IMPLANTABLE MEDICAL DEVICES FOR REAL-TIME OR NEAR REAL-TIME ADJUSTMENT OF DIAPHRAGMATIC STIMULATION PARAMETERS TO AFFECT PRESSURES WITHIN THE INTRATHORACIC CAVITY. VisCardia, Inc.
- 3448516** PHOTOTHERAPY APPARATUSES. Neolight LLC
- 3448530** FLAME ARRESTERS. Elmac Technologies Limited
- 3448550** METHOD FOR DETERMINING THE LOGARITHMIC REDUCTION VALUE LRV OF A SIZE EXCLUSION FILTER. Sartorius Stedim Biotech GmbH
- 3448552** A PROCESS AND APPARATUS FOR PRODUCING AN AQUEOUS POLYMER SOLUTION. BASF SE
- 3448564** METHODS AND ASSEMBLIES FOR MOLECULE RECOVERY. Creoptix AG
- 3448585** TWO-COMPONENT DISPENSER. medmix Switzerland AG
- 3448606** PORTABLE LATHE MACHINE. TRI TOOL INC.
- 3448607** SHRINK-FIT CHUCK. Karl Schüssler GmbH & Co. KG
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- 3448626** MOBILE ROBOT. Kastanienbaum GmbH
- 3448628** CONTROL OF A ROBOT JOINT USING TWO DRIVES. ABB Schweiz AG
- 3448635** ROBOT HAVING A CONTROLLER PROTECTED FOR A NETWORK FAILURE. Franka Emika GmbH
- 3448639** CUTTING MECHANISM FOR A DUNNAGE CONVERSION MACHINE AND DUNNAGE CONVERSION MACHINE. Ranpak Corp.
- 3448641** CUTTING MACHINE AND METHOD FOR SLICING ELASTIC STRANDS, IN PARTICULAR MEAT STRANDS. TVI Entwicklung und Produktion GmbH
- 3448658** 3-DIMENSIONAL PRINTED PARTS. Hewlett-Packard Development Company, L.P.
- 3448659** MATERIAL SETS. Hewlett-Packard Development Company, L.P.
- 3448673** POLYMER FOAM INSULATION STRUCTURE HAVING A FACING OF A MULTI-LAYER SHEET THAT CONTAINS A HEAT RESISTANT POLYMER LAYER AND A POLYLACTIDE RESIN LAYER. NatureWorks LLC
- 3448679** COMPOSITIONS COMPRISING ETHYLENE-CARBON MONOXIDE COPOLYMERS. Dow Global Technologies LLC
- 3448687** PRINTER DOOR HINGE ASSEMBLY. Hewlett-Packard Development Company, L.P.
- 3448689** A SECURITY SHEET COMPRISING A REINFORCEMENT LAYER. De La Rue International Limited
- 3448713** METHOD FOR CONTROLLING AN ENERGY STORAGE DEVICE OF A MILD HYBRID MOTOR VEHICLE AND STATE-OF-CHARGE CONTROL DEVICE FOR A MILD HYBRID MOTOR VEHICLE. Audi AG
- 3448723** HUMAN-MACHINE INTERFACE APPARATUS FOR A VEHICLE. Continental Automotive GmbH
- 3448733** BEARING BLOCK ASSEMBLY. Voith Patent GmbH
- 3448753** UNMANNED AERIAL VEHICLE PICK-UP AND DELIVERY SYSTEMS. United Parcel Service Of America, Inc.
- 3448765** DEVICE FOR PRINTING, SEVERING AND APPLYING SELF-ADHESIVE FLAT STRUCTURES, IN PARTICULAR LABELS. Logopak Systeme GmbH & Co. KG
- 3448779** MODIFIED SPRAY HEAD. Reckitt Benckiser (Brands) Limited
- 3448799** A DEVICE, SYSTEM AND METHOD FOR DETECTING IF A DRYING DEVICE IS PRESENT IN A STERILIZATION SYSTEM. Tetra Laval Holdings & Finance S.A.
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- 3448834** N,N-DIMETHYLAMINOETHYL ACRYLATE COMPOSITION STABILIZED IN RESPECT OF DISCOLORING EFFECTS. Arkema France
- 3448838** ISOQUINOLIN-3-YL CARBOXAMIDES AND PREPARATION AND USE THEREOF. BioSplice Therapeutics, Inc.
- 3448856** 6-AMINOPYRIDIN-3-YL THIAZOLES AS MODULATORS OF ROR GAMMA T. Janssen Pharmaceutica NV
- 3448913** HIGH-FLOW POLYETHERIMIDE COMPOSITIONS. Solvay Specialty Polymers USA, LLC
- 3448914** COMPATIBILIZED POLYMER COMPOSITIONS. Solvay Specialty Polymers USA, LLC
- 3448941** MATERIAL SETS. Hewlett-Packard Development Company, L.P.
- 3448951** TIRE SEALANT COMPOSITION. Bridgestone Corporation; Bridgestone Americas Tire Operations, LLC
- 3448957** STABLE INP QUANTUM DOTS WITH THICK SHELL COATING AND METHOD OF PRODUCING THE SAME. Nanosys, Inc.
- 3448960** NEW CYCLIC METAL DEACTIVATION UNIT DESIGN FOR FCC CATALYST DEACTIVATION. BASF Corporation
- 3448965** PROCESS FOR PRODUCING HIGH QUALITY COKE IN DELAYED COKER UTILIZING MIXED SOLVENT DEASPHALTING. Saudi Arabian Oil Company
- 3448981** COMPOSITIONS AND METHODS FOR PERFORMING MAGNETIBUOYANT SEPARATIONS. Biolegend, Inc.
- 3449034** ACTIVATING RINSE AND METHOD FOR TREATING A SUBSTRATE. PPG Industries Ohio, Inc.
- 3449102** MANAGING WATER-SUPPLY PUMPING FOR AN ELECTRICITY PRODUCTION PLANT CIRCUIT. Electricité de France
- 3449130** CUTTING ASSEMBLY FOR A CHOPPER PUMP. Pentair Flow Technologies, LLC
- 3449138** SCREW FOR CUTTING A THREAD. Arnold Umformtechnik GmbH & Co. KG
- 3449139** ANTI-VIBRATION THREAD FORM. Infastech Intellectual Properties Pte. Ltd.
- 3449147** LOW COST SCREW SYSTEM FOR VEHICLE BRAKE SYSTEM. Foundation Brakes France SAS
- 3449157** CYCLOIDAL REDUCER WITH HELICAL TOOTHING FOR POWER STEERING. JTEKT Europe
- 3449187** GLASS-CERAMIC PLATE FOR A WORKTOP OR A PIECE OF FURNITURE. Eurokera S.N.C.
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- 3449188** GLASS CERAMIC PLATE FOR WORKTOP OR FURNITURE. Eurokera S.N.C.
- 3449189** GLASS-CERAMIC PLATE FOR A WORKTOP OR A PIECE OF FURNITURE. Eurokera S.N.C.
- 3449206** MESOSCALE SYSTEM FEEDBACK-INDUCED DISSIPATION AND NOISE SUPPRESSION. The Board of Trustees of the Leland Stanford Junior University
- 3449223** ADJUSTABLE DOSING FLUID DISPENSER FOR FLEXIBLE FLUID PACKAGES. 1Touch Holdings, Inc.
- 3449225** DETECTING FLUID LEVELS USING A VOLTAGE COMPARATOR. Hewlett-Packard Development Company, L.P.
- 3449228** MULTI-SPECTRAL IMAGING DEVICE. Silios Technologies
- 3449241** METHODS AND SYSTEMS FOR OPTICAL-BASED MEASUREMENT WITH SELECTABLE EXCITATION LIGHT PATHS. Molecular Devices, LLC
- 3449244** ARRANGEMENT AND METHOD FOR DETECTING DAMAGE TO AN INNER COATING OF A CONTAINER. Sidra Wasserchemie GmbH
- 3449246** SENSOR. LG Electronics Inc.
- 3449266** VOLTAGE DETECTOR AND VOLTAGE DETECTOR SYSTEM. The University of Bristol
- 3449268** RADIATION SHIELD FOR THE MAIN MAGNET OF A MAGNETIC RESONANCE SYSTEM. Koninklijke Philips N.V.
- 3449272** VEHICLE RADAR SYSTEM WITH A SHARED RADAR AND COMMUNICATION SYSTEM, AND METHOD FOR MANAGING SUCH A SYSTEM IN A VEHICLE. Uhnder, Inc.
- 3449280** SONAR DATA COMPRESSION. R2Sonic, LLC
- 3449289** SYSTEMS AND METHODS FOR LOCATING AND/OR MAPPING BURIED UTILITIES USING VEHICLE-MOUNTED LOCATING DEVICES. SeeScan, Inc.
- 3449299** LIGHTING OPTICS. Zumtobel Lighting GmbH
- 3449300** CALIBRATION OF ELECTRICAL PARAMETERS IN OPTICALLY SWITCHABLE WINDOWS. View, Inc.
- 3449304** HEAD-UP DISPLAY. Valeo Comfort and Driving Assistance
- 3449317** CONTROLLING ENGAGEMENT FORCE. HP INDIGO B.V.
- 3449318** DIGITAL PRINTING APPARATUS AND PROCESS USING LIQUID TONER. Xeikon Manufacturing NV
- 3449357** SCHEDULER FOR OUT-OF-ORDER BLOCK ISA PROCESSORS. Microsoft Technology Licensing, LLC
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- 3449361** METHOD AND SYSTEM FOR DEVELOPING AND DEPLOYING DATA SCIENCE TRANSFORMATIONS FROM A DEVELOPMENT COMPUTING ENVIRONMENT INTO A PRODUCTION COMPUTING ENVIRONMENT. Intuit Inc.
- 3449369** METHODS FOR ENABLING DATA ANALYTICS SERVICE AT SERVICE LAYER. Convida Wireless, LLC
- 3449397** SLING-ROUTING LOGIC AND LOAD BALANCING. Umbra Technologies Ltd.
- 3449450** IMPLEMENTING LOGIC GATE FUNCTIONALITY USING A BLOCKCHAIN. Nchain Holdings Limited
- 3449451** IMPLEMENTING LOGIC GATE FUNCTIONALITY USING A BLOCKCHAIN. nChain Licensing AG
- 3449452** IMPLEMENTING LOGIC GATE FUNCTIONALITY USING A BLOCKCHAIN. Nchain Holdings Limited
- 3449511** LARGE AREA LUMINESCENT SOLAR CONCENTRATOR BASED ON INDIRECT BAND-GAP SEMICONDUCTOR NANOCRYSTALS. Università Degli Studi Di Milano - Bicocca
- 3449539** SEMICONDUCTOR LASER, LIGHT SOURCE DEVICE, IMAGE FORMING APPARATUS, IMAGE DISPLAY DEVICE, OBJECT DEVICE, AND COLORED-LIGHT GENERATION METHOD. Ricoh Company, Ltd.
- 3449542** SELECTABLE INPUT TRANSIENT VOLTAGE SUPPRESSOR. Continental Automotive Systems, Inc.
- 3449551** ACTUATOR WITH SECURING MEANS AGAINST RADIAL REMOVAL OF A SECURING ELEMENT, SUCH AS, FOR EXAMPLE, A SECURING DISC, A SECURING PIN, ETC.. Bühler Motor GmbH
- 3449554** INVERTER AND METHOD FOR GENERATING AN ALTERNATING CURRENT. Wobben Properties GmbH
- 3449567** TRANSPOSITIONAL MODULATION COMMUNICATIONS. TM IP Holdings, LLC
- 3449570** TRANSPOSITIONAL MODULATION COMMUNICATIONS BETWEEN DEVICES. TM IP Holdings, LLC
- 3449605** DISTRIBUTING AND AGGREGATING RESOURCE DATA IN A NETWORK. Fairflow Technologies Holding B.V.
- 3449612** CONTEXT-AWARE DIGITAL PERSONAL ASSISTANT SUPPORTING MULTIPLE ACCOUNTS. Microsoft Technology Licensing, LLC
- 3449628** METHODS, SYSTEMS, AND MEDIA FOR IMAGE WHITE BALANCE ADJUSTMENT. Zhejiang Dahua Technology Co., Ltd
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- 3449645** MICROELECTROMECHANICAL SYSTEMS (MEMS) MICROPHONE BIAS VOLTAGE. InvenSense, Inc.
- 3449657** TECHNIQUES FOR PERFORMING A DISTRIBUTED CHANNEL AVAILABILITY CHECK IN A SHARED RADIO FREQUENCY SPECTRUM BAND. QUALCOMM Incorporated
- 3449764** ENVIRONMENT-FRIENDLY AND FLOCKING HOLE-FREE PAINT BRUSH AND PROCESSING METHOD THEREFOR. Chan, Wing Chi
- 3449903** ALCOGEL SHEET FOR COSMETIC USE, AND METHOD FOR PRODUCING SAME. Cosmed Pharmaceutical Co., Ltd.
- 3449953** DENTAL PROSTHESIS AND COMPONENT THEREOF. Medical Foundation Natural Smile; Okabe Co., Ltd.; SofSera Corporation
- 3449956** MEDICAL HYDROGEL COMPOSITION, AND MEDICAL HYDROGEL, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF. Medprin Regenerative Medical Technologies Co., Ltd.
- 3450079** FRICTION STIR WELDING DEVICE. Hitachi Power Solutions Co., Ltd.
- 3450085** FLUX-CORED WIRE. Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
- 3450173** PRINTING APPARATUS. Seiko Epson Corporation
- 3450182** PRINTING MACHINE FOR DIRECTLY PRINTING ON CONTAINERS. Kronen AG
- 3450183** DIRECT PRINTING MACHINE AND METHOD FOR PRINTING ON CONTAINERS BY MEANS OF DIRECT PRINTING. Kronen AG
- 3450231** WINDOW MEMBER FOR VEHICLE OR BUILDING. AGC INC.
- 3450275** HYBRID VEHICLE. Isuzu Motors Limited
- 3450276** METHOD FOR ADJUSTING ADAPTIVE DRIVING BEHAVIOR OF ELECTRIC AUTOMOBILE. NIO (Anhui) Holding Co., Ltd.
- 3450333** SEALING DEVICE FOR SECURING PACKAGING MATERIAL. Song, Kyeong Keun
- 3450440** BENZOTRIAZOLE DERIVATIVE, MANUFACTURING METHOD THEREFOR AND USE THEREOF. China Petroleum & Chemical Corporation; Research Institute Of Petroleum Processing Sinopec
- 3450483** NOVEL ORGANOPOLYSILOXANE, ACID-NEUTRALIZED SALT THEREOF, AND APPLICATIONS THEREOF. Dow Silicones Corporation; Dow Toray Co., Ltd.
- 3450497** POLYPROPYLENE RESIN COMPOSITION, PRECISION-INJECTION-MOLDED OBJECT, MOLD FOR MOLDING OPTICAL MEMBER, AND PROCESS FOR PRODUCING OPTICAL MEMBER. Sumitomo Chemical Company Limited
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- 3450498** ACRYLIC THERMOPLASTIC RESIN COMPOSITION, MOLDED ARTICLE, FILM AND METHOD FOR PRODUCING SAME, AND LAMINATE. Kuraray Co., Ltd.
- 3450598** BULKY YARN. Toray Industries, Inc.
- 3450636** CONSTRUCTION MACHINE. Kobelco Construction Machinery Co., Ltd.
- 3450945** SENSOR SUBSTRATE AND SENSOR APPARATUS. KYOCERA Corporation
- 3451092** WORK ASSISTANCE DEVICE, WORK ASSISTANCE METHOD, AND WORK ASSISTANCE PROGRAM. Fujitsu Limited
- 3451170** VEHICULAR ELECTRONIC CONTROL DEVICE, PROGRAM UPDATE METHOD AND SERVER DEVICE. Hitachi Astemo, Ltd.
- 3451174** VEHICLE CONTROL SYSTEM VERIFICATION DEVICE, VEHICLE CONTROL SYSTEM, AND VEHICLE CONTROL SYSTEM VERIFICATION METHOD. Hitachi Astemo, Ltd.
- 3451363** METHOD FOR MANUFACTURING COMPOSITE WAFER. Shin-Etsu Chemical Co., Ltd.
- 3451388** TRENCH MOS-TYPE SCHOTTKY DIODE. Tamura Corporation
- 3451497** LAMINATED IRON CORE AND METHOD FOR MANUFACTURING SAME. Mitsui High-Tec, Inc.
- 3451508** POWER TERMINAL AND MOTOR INCLUDING SAME. LG Innotek Co., Ltd.
- 3451806** METHOD FOR MANUFACTURING CIRCUIT BOARD, CIRCUIT BOARD, AND COVER MEMBER. Panasonic Intellectual Property Management Co., Ltd.
- 3451811** PRODUCTION PLAN GENERATION DEVICE, PRODUCTION PLAN GENERATION METHOD, AND PRODUCTION PLAN GENERATION PROGRAM. Fujitsu Limited
- 3451812** SUBSTRATE WORK MACHINE. Fuji Corporation
- 3451875** AN OPEN-FRONT REFRIGERATOR AND A METHOD OF COOLING ITEMS THEREIN. Vertical Cabinet Company Ltd
- 3451887** SOIL TREATMENT SYSTEM. Alfred Kärcher SE & Co. KG
- 3451949** MEDICAL DEVICE WITH A BILATERAL JAW CONFIGURATION FOR NERVE STIMULATION. Ethicon LLC
- 3451952** ULTRASONIC SURGICAL INSTRUMENT. Misonix, Incorporated
- 3451971** INTRAOCULAR LENS. Barzilay, Gilad
- 3452000** COLLAPSIBLE MOBILITY AID. Otto Bock Mobility Solutions GmbH
- 3452180** COMPOSITION WITH A TIME RELEASE MATERIAL FOR REMOVING HALOGENATED HYDROCARBONS FROM CONTAMINATED
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- ENVIRONMENTS AND METHOD OF IN SITU SOIL REMEDIATION  
USING SAID COMPOSITION. Remediation Products, Inc.
- 3452208** MIXING AND METERING DEVICE AND METHOD FOR TWO  
COMPONENTS WHICH ARE LIQUID TO HIGHLY VISCOUS. Robert Bosch  
GmbH
- 3452217** FLUID HANDLING DEVICE AND METHOD FOR FLUID HANDLING.  
Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.
- 3452254** FILTRATION CLAMP WITH OPTIONAL ALIGNMENT COLLAR AND  
FILTRATION SYSTEM. EMD Millipore Corporation
- 3452345** ACTUATOR DEVICE FOR A VEHICLE, BRAKING SYSTEM. Robert Bosch  
GmbH
- 3452669** A FALSE CEILING SYSTEM. OC S.r.l.
- 3452687** BLOWOUT PREVENTER WITH WIDE FLANGE BODY. Schlumberger  
Technology B.V.
- 3452811** A MACHINE VISION METHOD AND SYSTEM FOR MONITORING  
MANUFACTURING PROCESSES. Procemex Oy
- 3452838** BUSBAR CURRENT SENSOR ASSEMBLY. Safran Electrical & Power
- 3452858** ARTEFACT REDUCTION DURING ANGULARLY-SELECTIVE  
ILLUMINATION. Carl Zeiss Microscopy GmbH
- 3452868** IMAGE-PROJECTION DEVICE FOR A HEAD-UP DISPLAY WITH  
ASSOCIATED TWO-PART PROTECTIVE FLAP AND HEAD-UP DISPLAY.  
Valeo Comfort and Driving Assistance
- 3452907** CONTROL OF APPLICATIONS THAT USE SYSTEM RESOURCES.  
Microsoft Technology Licensing, LLC
- 3453003** COMMUNICATIONS PROTOCOL FOR AN ELECTRONIC SYSTEM.  
Vicentra B.V.
- 3453014** A DISPLAY UNIT. Urben Technologies Limited
- 3453044** DOUBLE-CONTACT SWITCH HAVING VACUUM SWITCHING  
CHAMBERS. Eaton Intelligent Power Limited
- 3453090** COOLING DEVICE. Hitachi Energy Switzerland AG
- 3453149** SECURE SIGNALING BEFORE PERFORMING AN AUTHENTICATION  
AND KEY AGREEMENT. Qualcomm Incorporated
- 3453675** METHOD FOR MODIFYING CARBON NANOTUBE SHEET, MODIFIED  
CARBON NANOTUBE SHEET, METHOD FOR MANUFACTURING  
ADHESIVE SHEET, AND ADHESIVE SHEET. LINTEC Corporation; Lintec  
of America, Inc.
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- 3454244** AUTHENTICATION METHOD AND DEVICE, METHOD AND DEVICE FOR GENERATING INFORMATION FOR AUTHENTICATION. Advanced New Technologies Co., Ltd.
- 3454362** THIN-FILM PHOTOVOLTAIC DEVICE WITH GRADING. Flisom AG; EMPA
- 3454393** ELECTRIC CONTACT STRUCTURE, AND METHOD FOR PRODUCING IT. Omron Corporation
- 3454479** ACKNOWLEDGEMENT MECHANISM IN FREQUENCY MULTIPLEXED COMMUNICATION IN DENSE WIRELESS ENVIRONMENTS. Qualcomm Incorporated
- 3454597** METHOD FOR TRANSMITTING AND RECEIVING SIGNAL IN WIRELESS LAN SYSTEM AND APPARATUS THEREFOR. LG Electronics Inc.
- 3454649** ELECTROMAGNETIC BOOM CUSHIONING. AGCO Corporation
- 3454691** METHOD OF SEALING A ZIPPER CLOSURE AND A SEALED ZIPPER ASSEMBLY. YKK (U.S.A.) Inc.
- 3454789** TWO COMPONENT MITRAL VALVE. Drasler, William Joseph
- 3455019** GEAR MACHINING DEVICE WITH CENTERING DEVICE. Reishauer AG
- 3455114** CONTROL METHOD FOR A HYBRID DRIVE, CONTROLLER, AND HYBRID DRIVE. Volkswagen Aktiengesellschaft
- 3455274** TWO-COMPONENT SOLVENTLESS ADHESIVE COMPOSITIONS COMPRISING AN AMINE-INITIATED POLYOL. Dow Global Technologies LLC
- 3455505** RESILIENT EXPANDABLE PRESSURE VESSEL. LiquidSpring Technologies, Inc.
- 3455874** DIRECT FORMATION OF HEXAGONAL BORON NITRIDE ON SILICON BASED DIELECTRICS. The Board of Trustees of the University of Illinois; Globalwafers Co., Ltd.
- 3456233** CLEANER HOLDER. LG Electronics Inc.
- 3456234** VACUUM STAND. LG Electronics Inc.
- 3456235** CLEANER HOLDER. LG Electronics Inc.
- 3456262** ULTRASONIC PROBE. Samsung Medison Co., Ltd.
- 3456746** TERMINAL-MODIFIED CONJUGATED DIENE-BASED POLYMER, RUBBER COMPOSITION, AND RUBBER ARTICLE. Bridgestone Corporation
- 3456846** SYSTEMS AND METHODS FOR BARCODING NUCLEIC ACID. President and Fellows of Harvard College; Vilnius University
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- 3456911** FRAMES FOR MANUFACTURING LARGE AREA DOORS OR WINDOWS. BBG S.A.
- 3457020** SOLENOID VALVE FOR CONTROLLING FLUID. Youngdo Ind. Co., Ltd.
- 3457191** PROJECTION OPTICAL SYSTEM AND PROJECTOR. Konica Minolta, Inc.
- 3457247** MOTOR CONTROL SYSTEM. Panasonic Intellectual Property Management Co., Ltd.
- 3457344** PAYMENT AUTHENTICATION METHOD, APPARATUS AND SYSTEM FOR ONBOARD TERMINAL. Alibaba Group Holding Limited
- 3457352** GENERATION DEVICE AND GENERATION METHOD, AND REPRODUCTION DEVICE AND REPRODUCTION METHOD. Sony Group Corporation
- 3457456** COMPOSITION FOR NON-AQUEOUS SECONDARY BATTERY FUNCTIONAL LAYER, FUNCTIONAL LAYER FOR NON-AQUEOUS SECONDARY BATTERY, AND NON-AQUEOUS SECONDARY BATTERY. Zeon Corporation
- 3457720** ELECTRONIC DEVICE, SYSTEM AND INFORMATION PROCESSING METHODS. Sony Group Corporation
- 3457806** EFFICIENT COMMUNICATIONS USING A SHORT TTI. Sharp Kabushiki Kaisha; FG Innovation Company Limited
- 3457907** METHOD FOR METERING A DISHWASHING AGENT INTO A DISHWASHER, METERING DEVICE FOR A DISHWASHER, AND DISHWASHING AGENT COMPRISING A PLURALITY OF COMPONENTS. BSH Hausgeräte GmbH
- 3458085** GLYCOSYLATED VWF FUSION PROTEINS WITH IMPROVED PHARMACOKINETICS. Octapharma AG
- 3458167** ELECTROMAGNETIC TRACKING WITH AUGMENTED REALITY SYSTEMS. Magic Leap, Inc.
- 3458335** DISPLACEABLE STEERING WHEEL SAFETY SYSTEMS AND RELATED METHODS. Autoliv ASP, Inc.
- 3458448** FASN INHIBITORS FOR USE IN TREATING NON-ALCOHOLIC STEATOHEPATITIS. Forma Therapeutics, Inc.
- 3458648** RETAINER SLEEVE FOR GROUND ENGAGING TOOLS. Caterpillar Inc.
- 3458652** BUILDING CONSTRUCTION HAVING A CURTAIN WALL COMPRISING A THERMAL AND ACOUSTIC INSULATING AND SEALING SYSTEM OF A SAFING SLOT. Hilti Aktiengesellschaft
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- 3458653** BUILDING CONSTRUCTION HAVING A CURTAIN WALL COMPRISING A THERMAL AND ACOUSTIC INSULATING AND SEALING SYSTEM OF A SAFING SLOT. Hilti Aktiengesellschaft
- 3458737** DISC BRAKE FOR A UTILITY VEHICLE AND BRAKE PAD SET. KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
- 3458742** DEVICE FOR DAMPING TORSIONAL OSCILLATIONS FOR A VEHICLE TRANSMISSION SYSTEM. Valeo Embrayages
- 3458815** FLUID PIPE SYSTEM WITH MANIFOLD FOR THE VIBRONIC MEASUREMENT OF PHYSICAL PARAMETERS OF FLOWING FLUIDS. Endress+Hauser Flowtec AG
- 3458888** SINGLE MODE OPTICAL COUPLER. INTEL Corporation
- 3459224** WEB SERVER SECURITY. Garrison Technology Ltd
- 3459933** SOLID FORMS OF A PHARMACEUTICALLY ACTIVE COMPOUND. F. Hoffmann-La Roche AG
- 3459940** 5-AMINOPYRAZOLE CARBOXAMIDE DERIVATIVE AS BTK INHIBITOR AND PREPARATION METHOD AND PHARMACEUTICAL COMPOSITION THEREOF. Evopoint Biosciences Co., Ltd.
- 3459987** POLYCARBONATE DIOL AND PRODUCING METHOD THEREOF, AND POLYURETHANE AND ACTIVE ENERGY RAY-CURABLE POLYMER COMPOSITION BOTH FORMED USING SAME. Mitsubishi Chemical Corporation
- 3460005** THERMOSETTING RESIN COMPOSITION FOR LDS, RESIN MOLDED ARTICLE AND THREE-DIMENSIONAL MOLDED CIRCUIT COMPONENT. Sumitomo Bakelite Co.Ltd.
- 3460143** BUILDING PANEL WITH A MECHANICAL LOCKING SYSTEM. Vålinge Innovation AB
- 3460203** STEAM TURBINE PLANT. MITSUBISHI HEAVY INDUSTRIES, LTD.
- 3460719** DEVICE FOR IDENTIFYING WIRE MARKINGS. DTP spółka z ograniczona odpowiedzialnoscia
- 3461240** PROCESSES, SYSTEMS, AND APPARATUS FOR CYCLOTRON PRODUCTION OF TECHNETIUM-99M. Triumph Inc.
- 3461459** IMPLANT AND METHOD FOR MANUFACTURING THE SAME. BIOTRONIK AG
- 3461805** AZEOTROPIC AND AZEOTROPE-LIKE COMPOSITIONS OF Z-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE. The Chemours Company FC, LLC
- 3462185** DETECTION CIRCUIT FOR DC CURRENT ELECTRIC ARC, AND MICROPROCESSOR. Huawei Digital Power Technologies Co., Ltd.
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- 3462962** SOLE STRUCTURE FOR ARTICLE OF FOOTWEAR WITH SENSORY FEEDBACK SYSTEM. Nike Innovate C.V.
- 3463237** ABSORBENT STRUCTURE COMPRISING RELEASE STRUCTURE. Drylock Technologies NV
- 3463511** INFUSION DEVICE AND METHOD ALLOWING FOR DETECTING A DRIFT IN A SENSOR SIGNAL. Fresenius Vial SAS
- 3463796** MOLD GATE STRUCTURES. Husky Injection Molding Systems Ltd.
- 3463942** HOUSING FOR A MOTOR VEHICLE HEATING, VENTILATION AND/OR AIR CONDITIONING SYSTEM. Valeo Systemes Thermiques
- 3463997** OPEN-LOOP CONTROL UNIT, AXLE MODULATOR AND BRAKING SYSTEM. ZF CV Systems Europe BV
- 3464736** WEARING-PART SYSTEM. Combi Wear Parts AB
- 3464896** WIND TURBINE. Wobben Properties GmbH
- 3465101** METHOD FOR OPERATING A MAGNETIC-INDUCTIVE FLOW METERING DEVICE FOR MEASURING THE RATE OF FLOW OR THE VOLUME FLOW OF A MEDIUM IN A MEASURING TUBE. Endress+Hauser Flowtec AG
- 3465188** METHOD FOR DETERMINING AN ABSOLUTE GAS CONCENTRATION USING A GAS SENSOR ARRANGEMENT AND GAS SENSOR ARRANGEMENT FOR DETERMINING AN ABSOLUTE GAS CONCENTRATION. Sciosense B.V.
- 3465236** ZERO-GUARD CAPACITIVE DETECTION DEVICE. Fogale Nanotech
- 3465266** OPTICAL SYSTEM FOR OBJECT DETECTION AND LOCATION. Raytheon Company
- 3465380** SYSTEMS AND METHODS TO SEPARATE POWER DOMAINS IN A PROCESSING DEVICE. Qualcomm Incorporated
- 3465685** RECIPROCAL QUANTUM LOGIC (RQL) SENSE AMPLIFIER. Northrop Grumman Systems Corporation
- 3465762** METHOD OF INTEGRATING FINFET CMOS DEVICES WITH NONVOLATILE MEMORY CELLS. Silicon Storage Technology Inc.
- 3465822** ANTENNA ELEMENTS AND APPARATUS SUITABLE FOR AAS CALIBRATION BY SELECTIVE COUPLERLINE AND TRX RF SUBGROUPS. Nokia Solutions and Networks Oy
- 3466559** FORGING DEVICE AND FORGING METHOD. Showa Denko K.K.
- 3467452** SAMPLE LIQUID-SURFACE-POSITION MEASUREMENT DEVICE AND SAMPLE LIQUID-SURFACE-POSITION MEASUREMENT METHOD. Hitachi High-Tech Corporation
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- 3467525** NOISE GENERATION CIRCUIT, SELF-TEST CIRCUIT, AFCI AND PHOTOVOLTAIC POWER GENERATION SYSTEM. Huawei Digital Power Technologies Co., Ltd.
- 3467693** IDENTITY VERIFICATION METHOD AND APPARATUS. Advanced New Technologies Co., Ltd.
- 3467911** NEGATIVE ELECTRODE ACTIVE MATERIAL, MIXED NEGATIVE ELECTRODE ACTIVE MATERIAL, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE ACTIVE MATERIAL. Shin-Etsu Chemical Co., Ltd.
- 3467912** NEGATIVE ELECTRODE ACTIVE MATERIAL, MIXED NEGATIVE ELECTRODE ACTIVE MATERIAL, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE ACTIVE MATERIAL. Shin-Etsu Chemical Co., Ltd.
- 3467913** NEGATIVE ELECTRODE ACTIVE MATERIAL, MIXED NEGATIVE ELECTRODE ACTIVE MATERIAL, AND METHOD FOR PRODUCING NEGATIVE ELECTRODE ACTIVE MATERIAL. Shin-Etsu Chemical Co., Ltd.
- 3467947** POWER INTERFACE, MOBILE TERMINAL AND POWER ADAPTER. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3468071** DATA CENTER. Huawei Technologies Co., Ltd.
- 3468232** AUDIO PROCESSING SYSTEM, AUDIO PROCESSING DEVICE, AND AUDIO PROCESSING METHOD. Panasonic Intellectual Property Management Co., Ltd.
- 3469640** DISPLAY SUBSTRATE, DISPLAY APPARATUS, AND FABRICATING METHOD THEREOF. BOE Technology Group Co., Ltd.
- 3469704** METHOD FOR ADJUSTING AN AMPLITUDE OF A VOLTAGE INJECTION OF A ROTATING, MULTI-PHASE ELECTRIC MACHINE, WHICH ELECTRIC MACHINE IS FED BY MEANS OF A PWM-CONTROLLED INVERTER. Robert Bosch GmbH
- 3470362** METHOD AND DEVICE FOR MONITORING THE STABILITY OF A LOADING CRANE MOUNTED ON A VEHICLE. Palfinger AG
- 3470495** TRANSPARENT MEMBER AND LIGHT-EMITTING DEVICE. National Institute for Materials Science
- 3470935** SNAP-FITTING SYSTEM, FOR EXAMPLE FOR ATTACHING A BAND TO A WATCH. D'Heure en Heure Sarl
- 3471003** START SWITCH DEVICE. Kabushiki Kaisha Tokai Rika Denki Seisakusho; Toyota Jidosha Kabushiki Kaisha
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- 3471325** DM-RS TRANSMISSION METHOD FOR BROADCAST DATA IN NEXT GENERATION COMMUNICATION SYSTEM AND APPARATUS THEREFOR. LG Electronics Inc.
- 3471469** METHOD FOR RECEIVING SYNCHRONIZATION SIGNAL, AND DEVICE THEREFOR. LG Electronics Inc.
- 3471786** ABSORBENT ARTICLE HAVING ODOR ABSORBING MATERIAL. The Procter & Gamble Company
- 3472599** A METHOD AND A SYSTEM FOR XRF MARKING AND READING XRF MARKS OF ELECTRONIC SYSTEMS. Soreq Nuclear Research Center; Security Matters Ltd.
- 3472632** MONITORING SYSTEM FOR DETECTING THERMAL-MECHANICAL STRAIN FATIGUE IN AN ELECTRICAL FUSE. Eaton Intelligent Power Limited
- 3473124** FOOTWEAR HAVING AUXETIC STRUCTURES WITH CONTROLLED PROPERTIES. NIKE Innovate C.V.
- 3474701** FOLDING TABLE HAVING PULL-OUT WHEELS. Horowitz, Brian
- 3475130** METHOD FOR PERFORMING EMERGENCY BRAKING IN A MOTOR VEHICLE AND EMERGENCY BRAKING SYSTEM FOR PERFORMING THE METHOD. ZF CV Systems Europe BV
- 3475546** SYSTEM OF COOLING A TURBINE ENGINE. General Electric Company
- 3477624** LED LAMP BOX AND DISPLAY APPARATUS. BLUEVIEW ELEC-OPTIC TECH CO., LTD.
- 3477796** POWER ADAPTER, MOBILE TERMINAL, AND POWER INTERFACE AND MANUFACTURING METHOD THEREFOR. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3477978** WIRELESS COMMUNICATION DEVICE AND WIRELESS COMMUNICATION METHOD. Sony Group Corporation
- 3478001** S1AP SIGNALING TRANSMISSION METHOD AND APPARATUS. Datang Mobile Communications Equipment Co., Ltd.
- 3479459** ROTOR WITH SKEWED ROTOR CONFIGURATION FOR AN ELECTRIC MACHINE, AND ELECTRIC MOTOR FOR THE TRACTION DRIVE OF A MOTOR VEHICLE. Volkswagen Aktiengesellschaft
- 3479817** COSMETIC. Shin-Etsu Chemical Co., Ltd.
- 3480057** REAR OBSTRUCTION DETECTION. Mobileye Vision Technologies Ltd.
- 3480260** RESIN COMPOSITION AND MOLDED RESIN OBJECT. FUJIFILM Business Innovation Corp.
- 3480656** DISPLAY SYSTEM AND METHOD. Appotronics Corporation Limited
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- 3480896** POWER INTERFACE, MOBILE TERMINAL, AND POWER ADAPTER. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3482923** FABRIC JACKETED UNIDIRECTIONAL NOODLE. The Boeing Company
- 3483360** BRAKE SYSTEM OF WIRE REEL IN REINFORCING BAR BINDING MACHINE. MAX CO., LTD.
- 3483656** PELLICLE FOR EUV LITHOGRAPHY. S&S Tech Co., Ltd.
- 3484199** VIRTUAL CARD DOWNLOADING METHOD AND TERMINAL. Huawei Technologies Co. Ltd.
- 3484239** RADIO FREQUENCY CONTROL CIRCUIT AND MOBILE TERMINAL. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3484779** A FASTENING METHOD FOR COMPACTED PLASTIC BOTTLES INTENDED FOR RECYCLING AND COMPACTED PLASTIC BOTTLE. Amsellem, Maurice Moshé; Amsalem, Yaakov
- 3485839** DENTAL HAND PIECE AND METHOD FOR MANUFACTURING DENTAL HAND PIECE. The Yoshida Dental Mfg. Co., Ltd.
- 3486208** DISC LOCKING DEVICE. Shijiazhuang Nuron Brake Co. Ltd
- 3486550** VEHICULAR HEADLAMP. Panasonic Intellectual Property Management Co., Ltd.
- 3486618** HOUSING FOR A FLUID FLOW METER. Elster Water Metering Limited
- 3486667** INDUCTIVELY INTERROGATED PASSIVE SENSOR APPARATUS. FMC Technologies, Inc.; Hydro Technologies, Inc.
- 3486892** METHOD FOR SETTING LIGHT EMISSION CONTROL FOR EACH LIGHT EMISSION TOOL IN AREA, AND METHOD FOR CONTROLLING LIGHT EMISSION. NEC Solution Innovators, Ltd.
- 3486926** COMPOSITE SMOOTHING INDUCTOR AND SMOOTHING CIRCUIT. Alps Alpine Co., Ltd.
- 3486937** MASS SPECTROMETRY ANALYSIS OF MICROORGANISMS IN SAMPLES. Purdue Research Foundation
- 3488101** FLOW CONTROL ARRANGEMENT FOR A WIND TURBINE ROTOR BLADE. Siemens Gamesa Renewable Energy A/S
- 3488925** RUTHENIUM COMPLEXES. California Institute of Technology
- 3489753** LIGHT-REFLECTING MICROSTRUCTURE, PROJECTION SCREEN AND PROJECTION SYSTEM. APPOTRONICS CORPORATION LIMITED
- 3489820** OLED DISPLAY DEVICE AND PRESSURE TOUCH-CONTROL DRIVE METHOD THEREOF. BOE Technology Group Co., Ltd.; Beijing BOE Optoelectronics Technology Co., Ltd.
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- 3492328** HYBRID ELECTRIC VEHICLE AND METHOD OF CONTROL THEREOF.  
Jaguar Land Rover Limited
- 3492978** COLOUR WHEEL DEVICE AND PROJECTOR. APPOTRONICS  
CORPORATION LIMITED
- 3493534** INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING  
METHOD, AND PROGRAM. Sony Group Corporation
- 3496252** DC VOLTAGE CONVERSION CIRCUIT. Mitsubishi Electric Corporation
- 3497489** OPTICAL ARTICLE WITH HIGH REFLECTION IN THE NEAR INFRARED  
REGION AND IN THE BLUE LIGHT REGION. Essilor International
- 3498323** AUTOINJECTOR APPARATUS. Amgen Inc.
- 3498845** CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR  
TREATING HERPES SIMPLEX VIRUS TYPE 1 (HSV-1). Editas Medicine,  
Inc.
- 3499282** POLARIZATION INDEPENDENT OPTICAL DEVICE. Huawei Technologies  
Co., Ltd.
- 3499304** LIQUID CRYSTAL DISPLAY APPARATUS. Nitto Denko Corporation
- 3499358** METHOD AND DEVICE FOR DELETING CASCADE SNAPSHOT. Huawei  
Technologies Co., Ltd.
- 3499555** LOAD PORT AND WAFER TRANSFER METHOD. Shin-Etsu Handotai Co.,  
Ltd.
- 3499943** SYSTEMS AND METHODS TO DEFINE CONTROL CHANNELS USING  
RESERVED RESOURCE BLOCKS. QUALCOMM Incorporated
- 3500382** TOOL BODY FOR A SHELL END MILL AND CUTTING TOOL.  
KENNAMETAL INC.
- 3501724** METHOD OF MANUFACTURING A WELDED SHEET-METAL BLANK,  
WELDED SHEET-METAL BLANK AND WORKPIECE MANUFACTURED  
FROM SUCH WELDED SHEET-METAL BLANK. ArcelorMittal
- 3503369** DIRECT CURRENT VOLTAGE CONVERSION CIRCUIT.  
Telefonaktiebolaget LM Ericsson (Publ)
- 3505238** USE OF MODIFIED POLYACRYLATE DISPERSANTS FOR THE  
DECORATIVE CERAMIC MARKET. Lubrizol Advanced Materials, Inc.
- 3505278** SURFACE-COATED CUTTING TOOL AND METHOD FOR  
MANUFACTURING THE SAME. Sumitomo Electric Hardmetal Corp.
- 3505279** SURFACE-COATED CUTTING TOOL AND METHOD FOR  
MANUFACTURING THE SAME. Sumitomo Electric Hardmetal Corp.
- 3505582** METHOD FOR PRODUCING GLASS UNIT AND USE OF A PRESSURE-  
SENSITIVE ADHESIVE SHEET. Nitto Denko Corporation; Nitto Belgium NV
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- 3505584** METHOD FOR PRODUCING GLASS UNIT AND USE OF A PRESSURE-SENSITIVE ADHESIVE SHEET. Nitto Denko Corporation; Nitto Belgium NV
- 3505784** AXLE SLEEVE. Goodrich Corporation
- 3505855** REFRIGERATOR. Samsung Electronics Co., Ltd.
- 3507299** IN-SITU SOLVENT RECYCLING PROCESS FOR SOLID PHASE PEPTIDE SYNTHESIS AT ELEVATED TEMPERATURES. CEM Corporation
- 3507614** METHOD FOR DETERMINING THE FUNCTIONAL RELIABILITY OF A BATTERY. Volkswagen Aktiengesellschaft
- 3508049** AN AUTONOMOUS LAWN MOWER. Techtronic Outdoor Products Technology Limited
- 3509153** POLYMERIC SOLID ELECTROLYTE AND LITHIUM SECONDARY BATTERY COMPRISING SAME. LG Energy Solution, Ltd.
- 3511577** BEARING ASSEMBLY WITH DAMPING FEATURES. Garrett Transportation I Inc.
- 3511832** LOG TRANSMISSION DEVICE AND LOG COLLECTION SYSTEM. Clarion Co., Ltd.
- 3513735** DEVICE AND METHOD FOR GENERATING ULTRASOUND VECTOR DOPPLER IMAGE USING PLANE WAVE SYNTHESIS. Sogang University Research Foundation
- 3514147** STEROIDAL COMPOUNDS WITH POTENT ANDROGEN RECEPTOR DOWN-REGULATION AND ANTI PROSTATE CANCER ACTIVITY. University of Maryland, Baltimore
- 3517169** MRI-SAFE DISK MAGNET FOR IMPLANTS. MED-EL Elektromedizinische Geräte GmbH
- 3517445** DAMAGE DETECTION SYSTEM AND DAMAGE DETECTION METHOD. Subaru Corporation
- 3517819** INSTALLATION DEVICE. Picote Solutions Oy Ltd
- 3518497** METHOD FOR TRANSMITTING MULTIMEDIA CONTENT. Samsung Electronics Co., Ltd.
- 3521249** SYSTEM SETUP FOR BIOLOGICAL METHANE POTENTIAL TEST. BPC Instruments AB
- 3521463** HIGHLY CORROSION-RESISTANT COPPER PIPE, METHOD OF MANUFACTURING THEREFOR AND USE THEREOF. NJT Copper Tube Corporation
- 3521560** PUMP. Schwäbische Hüttenwerke Automotive GmbH
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- 3521613** METHOD AND DEVICE FOR DETECTING ACTIVE POWER OF WIND POWER GENERATOR SET. Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
- 3522873** COMPOSITIONS AND METHODS FOR THE TREATMENT OF XEROSTOMIA. CELLIX BIO PRIVATE LIMITED
- 3524358** VORTEX SEPARATOR AND SEPARATION METHOD. Hamilton Sundstrand Space Systems International, Inc.
- 3524740** UNIBODY DOUBLE-SINK WASHBASIN. Heris Seramik Ve Turizm Sanayi Anonim Sirketi
- 3524813** METHOD AND APPARATUS FOR PREDICTING ICE FORMATION. Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
- 3525030** OPTICAL DEVICE. LG Chem, Ltd.
- 3525368** METHOD, APPARATUS AND MOBILE COMMUNICATION SYSTEM OF DETERMINING A SET OF ZERO CORRELATION ZONE LENGTHS. Huawei Technologies Co., Ltd.
- 3526374** METHOD FOR INCREASING THE CORROSION RESISTANCE OF A CHROME-PLATED SUBSTRATE. Coventya S.p.A.
- 3526512** THERMALLY INSULATING SEALED TANK. Gaztransport et Technigaz
- 3527203** ORAL DISSOLVABLE FILM OF TADALAFIL AND PREPARATION METHOD THEREFOR. Changzhou No.4 Pharmaceutical Factory Co., Ltd; Wooshin Medics Co. Ltd.; JS Innopharm (Shanghai) Ltd.
- 3527582** EHRlichia canis diva (DIFFERENTIATE INFECTED FROM VACCINATED ANIMALS). IDEXX Laboratories, Inc.
- 3527619** POLYVINYL ACETAL COMPOSITION. Kuraray Europe GmbH
- 3528708** APPARATUS AND METHOD FOR SEMI-AUTOMATIC ULTRASOUND TRANSDUCER CONNECTOR. Edan Instruments, Inc.
- 3529900** CONSTRUCTION OF LDPC CONVOLUTIONAL TURBO CODES. Huawei Technologies Co., Ltd.
- 3530907** SYSTEM FOR CONTROLLING TWO POSITIVE DISPLACEMENT PUMPS. Hamilton Sundstrand Corporation
- 3530933** METHOD AND SYSTEM FOR CONTROLLING WIND TURBINE SHUTDOWN. Xinjiang Goldwind Science & Technology Co., Ltd.
- 3531216** POWER CONSUMPTION MANAGEMENT METHOD FOR ELECTRIC EQUIPMENT, MANAGEMENT DEVICE AND MANAGEMENT SYSTEM. Gree Electric Appliances, Inc. of Zhuhai
- 3531417** TRANSMISSION DEVICE, TRANSMISSION METHOD, AND COMPUTER-READABLE STORAGE MEDIUM. Sony Group Corporation
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- 3531477** POUCH-SHAPED SECONDARY BATTERY INCLUDING ELECTRODE LEAD USING CONDUCTIVE POLYMER. LG Energy Solution, Ltd.
- 3531579** RELAY COMMUNICATION SYSTEM. NEC Corporation
- 3531732** ANCHOR KEY GENERATION METHOD, DEVICE AND SYSTEM. Huawei Technologies Co., Ltd.
- 3532016** METHOD OF PREPARING A PRODUCT COMPOSITION COMPRISING A DISCRETE PARTICLE AND AN AQUEOUS BASE COMPOSITION. The Procter & Gamble Company
- 3532017** PRODUCT COMPOSITION COMPRISING A DISCRETE PARTICLE AND AN AQUEOUS BASE COMPOSITION. The Procter & Gamble Company
- 3532772** ELECTRICAL SUPPLY SYSTEM. LED iBond International A/S
- 3533104** RADIO FREQUENCY INTERCONNECT BETWEEN SUSPENDED TRANSMISSION LINES COMPRISING A RIDGED WAVEGUIDE PORTION. Raytheon Company
- 3536582** MOLD MODULE AND ELECTRIC POWER STEERING APPARATUS. Mitsubishi Electric Corporation
- 3537054** COOKER. LG Electronics Inc.
- 3537222** IMAGE FORMING APPARATUS. CANON KABUSHIKI KAISHA
- 3537246** ENERGY CONTROL METHOD AND CONTROL APPARATUS FOR POWER CONSUMPTION SYSTEM. Gree Electric Appliances, Inc. of Zhuhai
- 3537518** METHOD FOR MANUFACTURING LITHIUM SECONDARY BATTERY. LG Energy Solution, Ltd.
- 3538956** INTERMEDIATE TRANSFER MEMBERS. HP Indigo B.V.
- 3539439** FLOOR CLEANING TOOL AND METHOD. Diversey, Inc.; Kuzhnini, Josef
- 3539800** PALM-SIZE TIRE TREAD LASER MEASUREMENT DEVICE. Tire Profiles LLC
- 3541879** LABELS. HP Indigo B.V.
- 3543786** CAMERA AND CAMERA ACCESSORY. CANON KABUSHIKI KAISHA
- 3543847** SERVICE PROCESSING METHOD AND DEVICE. Advanced New Technologies Co., Ltd.
- 3545413** METHOD AND APPARATUS FOR PROCESSING USER REQUEST. Samsung Electronics Co., Ltd.
- 3546704** GAS TURBINE ENGINE CASE INCLUDING BEARING COMPARTMENT. Raytheon Technologies Corporation
- 3546842** AIR CONDITIONER POWER CONSUMPTION ESTIMATION METHOD AND DEVICE. Qingdao Haier Air Conditioner General Corp., Ltd.
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- 3547084** MULTI LINE TRACE GAZE TO OBJECT MAPPING FOR DETERMINING GAZE FOCUS TARGETS. Tobii AB
- 3548288** FLUIDIC DIE. Hewlett-Packard Development Company, L.P.
- 3549470** ARTICLES OF FOOTWEAR WITH UPPERS COMPRISING A WOUND COMPONENT AND METHODS OF MAKING THE SAME. adidas AG
- 3549478** TAG. My Family Srl
- 3549556** PROSTHETIC MITRAL VALVE ASSEMBLY. Edwards Lifesciences Corporation
- 3549570** ACTIVE ARM PASSIVE LEG EXERCISE MACHINE WITH GUIDED LEG MOVEMENT. British Columbia Institute of Technology
- 3549628** APPARATUS FOR VENTILATORY TREATMENT. ResMed Pty Ltd
- 3549684** PORTABLE CLEANING DEVICE FOR LIQUID CLEANING OF SENSITIVE COMPONENTS. Airbus Defence and Space GmbH
- 3549713** COLD-SPRAY BRAZE MATERIAL DEPOSITION. Hamilton Sundstrand Corporation
- 3549765** APPARATUS FOR ADDITIVELY MANUFACTURING THREE-DIMENSIONAL OBJECTS. CL Schutzrechtsverwaltungs GmbH
- 3549841** TRAIN TRAFFIC CONTROL SYSTEM AND METHOD FOR CARRYING OUT SAFETY CRITICAL OPERATIONS WITHIN A TRAIN TRAFFIC CONTROL SYSTEM. Thales Management & Services Deutschland GmbH
- 3549856** FAN COWL LATCH CONCEPT FOR FUSELAGE MOUNTED POWER PLANT. Rohr, Inc.
- 3549859** HYDRAULIC POWER DRIVE UNIT. Goodrich Actuation Systems Limited
- 3549862** SOLID STATE RADIO FREQUENCY (SSRF) MICROWAVE OVEN FOR AIRCRAFT GALLEY. Rockwell Collins, Inc.
- 3549868** INTELLIGENT ICE PROTECTION NETWORK. Goodrich Corporation
- 3549869** CATALYST DECAY MONITORING OF CATALYTIC INERTING SYSTEM. Hamilton Sundstrand Corporation
- 3550061** ARTICLE OF APPAREL. adidas AG
- 3550099** A DRIVING ASSEMBLY FOR A LEVER-TYPE DOOR LOCK. ASSA ABLOY Korea
- 3550108** ENDWALL CONTOUR. Raytheon Technologies Corporation
- 3550124** FLUID INJECTION COOLING. Raytheon Technologies Corporation
- 3550151** COMBUSTION AIR FAN. Eberspächer Climate Control Systems GmbH
- 3550179** ACTUATOR PISTON WITH ADJUSTABLE STOPS AND METHOD OF ADJUSTING THE SAME. Microtecnica S.r.l.
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- 3550185** BRUSH SEAL WITH SLIDING BACKING PLATE. Raytheon Technologies Corporation
- 3550194** DEVICE FOR HOLDING AN ELONGATE ELEMENT. ALSTOM Transport Technologies
- 3550203** LIGHT MODULE FOR A SWEEP-BACK MOTOR VEHICLE LIGHTING DEVICE. ZKW Group GmbH
- 3550244** COOLING ASSEMBLY AND METHOD FOR INSTALLATION THEREOF. OVH
- 3550295** GAS SENSOR WITH A CONFIGURABLE HEATING ELEMENT, AND METHODS EXPLOITING THE CONFIGURABILITY. ALPHA M.O.S.
- 3550312** TESTING SHIELD CONTINUITY OF A CABLE OR CABLING INSTALLATION USING COMMON MODE INSERTION LOSS. Fluke Corporation
- 3550324** OPTICAL DISPLACEMENT DETECTOR WITH ADJUSTABLE PATTERN DIRECTION. Tyco Fire & Security GmbH
- 3550340** DIFFRACTIVE OPTICAL ASSEMBLY, LASER PROJECTION UNIT, DEPTH CAMERA AND ELECTRONIC DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3550416** GRAPHICAL USER INTERFACE SYSTEM. Palantir Technologies Inc.
- 3550442** DATABASE LOCK MANAGEMENT WITH CACHE-OPTIMIZED HASH TABLE. SAP SE
- 3550465** SECURITY SYSTEM FOR PREVENTING MISUSE OF ENTERED SENSITIVE INFORMATION. Ningbo Geely Automobile Research & Development Co. Ltd.
- 3550615** INTERCONNECT MEMBER. SolAero Technologies Corp.
- 3550656** SECONDARY ENERGY STORAGE ELEMENT WITH A REFERENCE ELECTRODE. VARTA Microbattery GmbH
- 3550705** POWER CONVERTING APPARATUS AND HOME APPLIANCE INCLUDING THE SAME. LG Electronics Inc.
- 3550721** RADIO FREQUENCY (RF) INTEGRATED CIRCUIT PERFORMING SIGNAL AMPLIFICATION OPERATION TO SUPPORT CARRIER AGGREGATION AND RECEIVER INCLUDING THE SAME. Samsung Electronics Co., Ltd.
- 3550931** USE OF A USER EQUIPMENT CONNECTED TO A MOBILE NETWORK, IN WHICH THE USER EQUIPMENT USES AN ACCESS POINT NAME FOR HOME OPERATOR SERVICES. Deutsche Telekom AG
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- 3551429** COLOR REPRESENTATION OF A PROPERTY OF A 3D OBJECT. Hewlett-Packard Development Company, L.P.
- 3552130** CONTROLLER FOR A FULFILMENT SERVICE OPERATION. Hewlett-Packard Development Company, L.P.
- 3552380** DATA-BEARING MEDIUM. Hewlett-Packard Development Company, L.P.
- 3552491** SYSTEM FOR PROVIDING A DOUGH SHEET OF A DOUBLE PRE-FERMENTED DOUGH. Radie B.V.
- 3552496** A FATTY PREPARATION, A PROCESS FOR MAKING SAID FATTY PREPARATION, AND A PRODUCT CONTAINING THE SAME. Borges Agricultural & Industrial Edible Oils S.A.U.
- 3552505** CUP MEMBER. Japan Tobacco Inc.
- 3552518** SHELVING. Grima S.R.L.
- 3552547** METHOD FOR PROVIDING CONVERSION INFORMATION ABOUT AN IMAGING DATA SET, X-RAY DEVICE, COMPUTER PROGRAM AND ELECTRONICALLY READABLE DATA CARRIER. Siemens Healthcare GmbH
- 3552565** ELECTRICAL LOCKOUT FOR ULTRASONIC SURGICAL INSTRUMENT. Ethicon LLC
- 3552585** HINGED transcatheter prosthetic heart valve delivery system. Medtronic Vascular Galway
- 3552593** LINEAR MOTION MALE SEXUAL STIMULATION DEVICE. Sloan, Brian
- 3552636** ACCESS CANNULA WITH BLOCKING DEVICE. B. Braun Avitum AG
- 3552763** FILTER RETAINING PLUG. Hamilton Sundstrand Corporation
- 3552773** SYSTEM AND METHOD FOR REMOVING A WORKPIECE FROM A MANUFACTURING FIXTURE. The Boeing Company
- 3552783** RAZOR CARTRIDGE WITH VARIABLE BLADE SPAN. Dorco Co., Ltd.
- 3552847** TIRE. Sumitomo Rubber Industries, Ltd.
- 3552882** MOUNTING APPARATUS FOR MOUNTING A COVER MEMBER TO A SURFACE OF A VEHICLE. Alpine Electronics, Inc.
- 3552887** AN AIR GUIDE FOR A VEHICLE FRONT STRUCTURE. Volvo Car Corporation
- 3552930** REAR SPOILER DEVICE WITH FORCE ABSORPTION DEVICE TO COMPENSATE FOR A FORCE BETWEEN AT LEAST TWO COMPONENTS. Compagnie Plastic Omnium
- 3552962** SYSTEM FOR INVENTORY MANAGEMENT OF ON-BOARD REFRESHMENTS FOR A VEHICLE. Airbus Operations GmbH
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- 3552964** INTEGRATED MICRO-LED LUMINOUS AIRCRAFT PANEL. Rockwell Collins, Inc.
- 3552967** PORTABLE AUXILIARY ARMREST FOR AIRCRAFT SEATS. Eshet, Yuval; McGee, Eric; Eshet, Adi
- 3552994** AN ORIENTING DEVICE AND A METHOD FOR ORIENTING AN OBJECT ON A CONVEYOR. Sidel S.p.A.
- 3553008** SYNTHETIC YARN SPLICER. TMT Machinery, Inc.
- 3553054** FLUORESCENT COUMARIN COMPOUNDS AND METHOD OF SYNTHESIS THEREOF. Universidade de Évora
- 3553055** CYCLIC ACETALS OF 2-PHENYL-C3-C5-ALKANALS AND STEREOISOMERS THEREOF FOR USE AS AROMA CHEMICALS. BASF SE
- 3553222** ANTI-FLOODING SAFETY DEVICE FOR A WASHING MACHINE, OF THE TYPE COMPRISING ROTATABLE MAGNETS. TP Reflex Group S.p.A.
- 3553293** FUEL NOZZLE MANIFOLD SYSTEM FOR TURBOMACHINES. Collins Engine Nozzles, Inc.
- 3553306** WIND ENERGY TURBINE ENGINE BLADE WITH A VORTEX GENERATOR. Nordex Energy SE & Co. KG
- 3553311** DEVICE AND METHOD FOR CONTROLLING A WIND TURBINE. Siemens Gamesa Renewable Energy Service GmbH
- 3553325** AIRCRAFT HYDRAULIC SYSTEM WITH A DUAL SPOOL VALVE AND METHODS OF USE. The Boeing Company
- 3553381** FUEL INJECTORS HAVING AIR SEALING STRUCTURES. Collins Engine Nozzles, Inc.
- 3553402** AIR-CONDITIONER BASED ON PARAMETER LEARNING USING ARTIFICIAL INTELLIGENCE, CLOUD SERVER, AND METHOD OF OPERATING AND CONTROLLING THEREOF. LG Electronics Inc.
- 3553406** AIR TERMINAL DEVICE FOR CONTROL OF AIR FLOW IN A VENTILATION SYSTEM. Swegon Operations AB
- 3553407** AIR TERMINAL DEVICE COMPRISING FLEXIBLE COVER PLATE. Swegon Operations AB
- 3553426** DATA PROCESSING METHOD FOR REFRIGERANT LEAKAGE DETECTION. Carrier Corporation
- 3553475** NOISE-RESISTANT INTERMITTENTLY OPERATING INCREMENTAL POSITION SENSOR. Hemy8 SA
- 3553489** AN OPTICAL ELEMENT WITH A DEFECT DETECTING APPARATUS. AIRBUS HELICOPTERS DEUTSCHLAND GmbH
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- 3553509** X-RAY ANALYSIS APPARATUS. Malvern Panalytical B.V.
- 3553535** WIRELESS TEST SYSTEM FOR TESTING MICROELECTRONIC DEVICES INTEGRATED WITH ANTENNA. MEDIATEK INC.
- 3553540** DETECTION APPARATUS AND METHOD FOR SERIAL BUS. Huawei Digital Power Technologies Co., Ltd.
- 3553548** MAGNETIC RESONANCE PULSE SEQUENCE ADJUSTMENT USING MOTION FORECASTING. Siemens Healthcare GmbH
- 3553551** METHOD FOR THE RECOGNITION OF AN OBJECT. Aptiv Technologies Limited
- 3553552** METHOD FOR THE RECOGNITION OF A MOVING PEDESTRIAN. Aptiv Technologies Limited
- 3553559** METHOD FOR THE RECOGNITION OF OBJECTS. Aptiv Technologies Limited
- 3553581** LENS STRUCTURE, MANUFACTURING METHOD THEREOF, AND CAMERA. Huawei Technologies Co., Ltd.
- 3553585** HEAD-UP DISPLAY SYSTEM. Valeo Comfort and Driving Assistance
- 3553594** LENS ELEMENT. Essilor International
- 3553671** HIERARCHICAL WINDOW FUNCTION. SAP SE
- 3553681** METHOD AND APPARATUS FOR ERROR TEST COVERAGE DETERMINATION FOR A CIRCUIT BY SIMULATION. Optima Design Automation Ltd
- 3553710** ARTIFICIAL INTELLIGENCE OPTIMIZED TELECOMMUNICATIONS SYSTEMS. Adtran, Inc.
- 3553807** CIRCUIT BREAKER, FASTENING ASSEMBLY THEREFOR, AND ASSOCIATED ASSEMBLY METHOD. Eaton Intelligent Power Limited
- 3553829** A SILICON PHOTOVOLTAIC CELL AND A METHOD FOR MANUFACTURING SILICON PHOTOVOLTAIC CELLS. Centrum Badan i Rozwoju Technologii dla Przemyslu S.A.; Hanplast Sp. z.o.o.; Instytut Fizyki Polskiej Akademii Nauk; Godlewski, Marek
- 3553908** METHOD AND APPARATUS FOR OPERATING A POWER DISTRIBUTION SYSTEM. GE Aviation Systems Limited
- 3553919** METHOD AND DEVICE FOR CONTROLLING WIRELESS CHARGING. Beijing Xiaomi Mobile Software Co., Ltd.
- 3553942** DEVICE FOR ATTACHING A SOLAR PANEL TO A FRAME, ATTACHMENT ASSEMBLY AND ASSOCIATED MANUFACTURING METHOD. EPC Solaire
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- 3553947** SYSTEM AND METHOD FOR POWER AMPLIFIER LINEARIZATION WITH ECHO CANCELATION CAPABILITIES. MaxLinear Asia Singapore Private Limited
- 3553969** CONFIGURATION OF FAILURE DETECTION REFERENCE SIGNALS. Nokia Technologies Oy
- 3553998** NETWORK SECURITY FRAMEWORK FOR WIRELESS AIRCRAFT COMMUNICATION. Simmonds Precision Products, Inc.
- 3554096** A HEARING AID HOUSING WITH AN INTEGRATED ANTENNA. GN Hearing A/S
- 3554916** RAIL VEHICLE. Bombardier Transportation GmbH
- 3555387** A SET OF DECKING BOARDS PROVIDED WITH A CONNECTING SYSTEM. Välinge Innovation AB
- 3555844** METHOD AND DEVICE FOR PROCESSING MULTI-CHANNEL FEATURE MAP IMAGES. Samsung Electronics Co., Ltd.
- 3556196** HARVESTER HEADER SUPPORT. CNH Industrial Belgium NV
- 3556198** HARVESTING MACHINE HAVING A MOISTURE REMOVAL MECHANISM AND A CROP CONVERGING MECHANISM. Baum Machine, Inc
- 3556228** MACHINE AND METHOD FOR PROCESSING A WEB OF MATERIAL FOR THE TOBACCO INDUSTRY. G.D S.p.A.
- 3556273** VACUUM CLEANER NOZZLE EQUIPPED WITH A MAIN SUCTION CHANNEL AND A SECONDARY SUCTION CHANNEL. SEB S.A.
- 3556276** PROCESSOR DEVICE FOR ENDOSCOPE AND ENDOSCOPE DATA COLLECTION SERVER. FUJIFILM Corporation
- 3556294** METHOD FOR DETERMINING A CHARACTERISTIC BLOOD VALUE, COMPUTED TOMOGRAPHY DEVICE, COMPUTER PROGRAM AND ELECTRONICALLY READABLE STORAGE MEDIUM. Siemens Healthcare GmbH
- 3556312** A THREE-DIMENSIONAL VISION SYSTEM. MASMEC S.p.A.
- 3556355** PARTICLES CONTAINING AMORPHOUS EMPAGLIFLOZIN, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL PREPARATION. Zentiva, K.S.
- 3556468** METHOD AND APPARATUS FOR FORMING A SUSPENSION OF PARTLY DISSOLVED FLY ASH IN A MINERAL ACID. NORSEP AS
- 3556478** VIBRATION DRIVING WITH A MULTI-SURFACE CYLINDER. Robert Bosch GmbH
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- 3556557** COMPOSITE TOUGHENING USING THREE DIMENSIONAL PRINTED THERMOPLASTIC PINS. The Boeing Company
- 3556565** DEVICE THAT PRODUCES COLOR ON DEMAND. Société BIC
- 3556576** PROCESS AND SYSTEM FOR THE DETECTION OF DEFECTS IN A TYRE. Bridgestone Europe NV/SA
- 3556598** BATTERY PACK FOR A VEHICLE, IN PARTICULAR FOR A HYBRID VEHICLE OR AN ELECTRIC VEHICLE. FCA Italy S.p.A.
- 3556627** METHOD FOR ADAPTING A COMBUSTION ENGINE OF A HYBRID DRIVE SYSTEM OF A MOTOR VEHICLE TO A GASEOUS FUEL WITH UNKNOWN QUALITY, HYBRID DRIVE SYSTEM AND VEHICLE. VOLKSWAGEN AKTIENGESELLSCHAFT
- 3556635** RAILWAY VEHICLE AND ASSOCIATED CIRCULATION METHOD. ALSTOM Transport Technologies
- 3556652** ELECTRO-HYDROSTATIC BRAKE CONTROL. Goodrich Corporation
- 3556662** AIRCRAFT VERTICAL STABILIZER ILLUMINATION LIGHT AND METHOD OF OPERATING AN AIRCRAFT VERTICAL STABILIZER ILLUMINATION LIGHT. Goodrich Lighting Systems GmbH
- 3556674** A SHEET PACKAGING MATERIAL FOR PRODUCING A SEALED PACKAGE CONTAINING A POURABLE FOOD PRODUCT AND A SEALED PACKAGE OBTAINED FROM A SHEET PACKAGING MATERIAL. Tetra Laval Holdings & Finance S.A.
- 3556678** TRANSPORT SYSTEM FOR WHEELS OF TWO-WHEELED VEHICLES. Wi-sales GmbH
- 3556703** E-CALL REGISTRATION FOR ELEVATOR. Otis Elevator Company
- 3556718** CONCRETE PUMP VEHICLE. Liebherr-Mischtechnik GmbH
- 3556913** ELECTROSPINNING HEAD AND ELECTROSPINNING APPARATUS. Kabushiki Kaisha Toshiba
- 3556917** TRANSPORT DEVICE FOR A SPINNING UNIT. Saurer Spinning Solutions GmbH & Co. KG
- 3556955** WALL WITH DYNAMIC ABSORBER. SAINT-GOBAIN PLACO; SAINT-GOBAIN ISOVER
- 3556977** FRAME MEMBER FOR A FURNITURE FRAME AND FURNITURE. Grass GmbH
- 3556990** ALIGNMENT MECHANISM. OneSubsea IP UK Limited
- 3557029** INTERCOOLED COOLING AIR FLEET MANAGEMENT SYSTEM. Raytheon Technologies Corporation
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- 3557037** MULTI-ENGINE RACK WITH REDUNDANT COMPUTING ARCHITECTURE. ArianeGroup SAS
- 3557057** COMPRESSOR SYSTEM AND FILTER HOUSING. Ingersoll-Rand Industrial U.S., Inc.
- 3557061** FLUID PUMP ASSEMBLY. Tuthill Corporation
- 3557068** DRAINAGE PUMP ASSEMBLY AND METHOD FOR CONTROLLING A DRAINAGE PUMP. Xylem Europe GmbH
- 3557083** TUBE RUPTURE PROTECTION DEVICE. Atlantic Fluid Tech S.r.l.
- 3557127** RECEPACLE CONNECTOR FOR A LIGHT SENSOR ASSEMBLY FOR A LIGHT FIXTURE. TE Connectivity Corporation
- 3557195** AN ELECTRONIC DEVICE. Silicon Controls Pty Ltd
- 3557214** A BLADE FOR A PROPELLER WITH BLADE COMPOSITE STRUCTURE AND AN EXTRINSIC FABRY-PEROT INTERFEROMETRIC SENSOR EMBEDDED IN THE BLADE COMPOSITE STRUCTURE. Hamilton Sundstrand Corporation
- 3557227** SYSTEM AND METHOD FOR DERIVING AIRSPEED FROM A PARTICLE SENSOR. Honeywell International Inc.
- 3557272** MRI SYSTEM AND METHOD FOR OPERATING AN MRI SYSTEM. Siemens Healthcare GmbH
- 3557277** METHOD FOR MONITORING MOVEMENT INFORMATION OF A PATIENT IN A MAGNETIC RESONANCE DEVICE, MAGNETIC RESONANCE DEVICE, COMPUTER PROGRAM AND ELECTRONICALLY READABLE DATA CARRIER. Siemens Healthcare GmbH
- 3557316** DISPLAY DEVICE. Diehl AKO Stiftung & Co. KG
- 3557336** SYSTEM FOR LOCKING A CONTROL ELEMENT OF A TIMEPIECE. ROLEX SA
- 3557338** METHOD FOR PROGRAMMING A SAFETY CONTROLLER. Wieland Electric GmbH
- 3557358** ADAPTIVE AUTONOMY SYSTEM ARCHITECTURE. Aurora Flight Sciences Corporation
- 3557364** PRESSURE REDUCING VALVE. JTEKT CORPORATION
- 3557370** ROLLABLE DISPLAY APPARATUS. LG Display Co., Ltd.
- 3557471** POWER RAIL NOISE MONITORING TO DETECT ATTEMPTED SECURITY TAMPERING OR SIDE CHANNEL ATTACKS. ARM Limited
- 3557473** DYNAMIC RESPONSE OF POWER DELIVERY NETWORK FOR ATTESTATION AND IDENTIFICATION. Arm Ltd
- 3557481** METHOD FOR PROVIDING A CODE PATTERN. NXP B.V.
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- 3557516** METHOD FOR PROVIDING HUMAN NETWORK MANAGEMENT SERVICE IN MOBILE TERMINAL. Samsung Electronics Co., Ltd.
- 3557528** SYSTEM AND METHOD FOR ANALYSING TEST DEVICES. Pinqkerton
- 3557617** ELECTRONIC DEVICE AND TILING ELECTRONIC APPARATUS. InnoLux Corporation
- 3557618** ELECTRONIC DEVICE. InnoLux Corporation
- 3557645** FILM PACKAGING STRUCTURE AND DISPLAY APPARATUS HAVING SAME. Kunshan Go-Visionox Opto-Electronics Co., Ltd.
- 3557674** METHOD FOR MANUFACTURING AN ELECTRODE ASSEMBLY FOR A BATTERY CELL AND BATTERY CELL. Robert Bosch GmbH; GS Yuasa International Ltd.
- 3557722** SYSTEMS AND METHODS FOR OBJECT DETECTION. Avago Technologies International Sales Pte. Limited
- 3557767** LIGHT-TO-DIGITAL CONVERTER ARRANGEMENT AND METHOD FOR LIGHT-TO-DIGITAL CONVERSION. ams AG
- 3557778** BEAM FAILURE RECOVERY. Comcast Cable Communications LLC
- 3557823** METHOD FOR MONITORING TRAFFIC BETWEEN NETWORK MEMBERS IN A NETWORK. Robert Bosch GmbH
- 3557843** CONTENT DELIVERY NETWORK (CDN) BOT DETECTION USING COMPOUND FEATURE SETS. Akamai Technologies, Inc.
- 3557895** METHOD AND APPARATUS FOR MANAGING A PROFILE OF A TERMINAL IN A WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3557964** ELECTRONICS COOLING MODULE. GE Aviation Systems LLC
- 3558687** FLUID EJECTION DIES INCLUDING STRAIN GAUGE SENSORS. Hewlett-Packard Development Company, L.P.
- 3560323** AGRICULTURAL BALER AND METHOD FOR OPERATING SAME. Deere & Company
- 3560402** VACUUM CLEANER FILTER BAG WITH FILM IN THE AREA OF THE HOLDING PLATE. Eurofilters Holding N.V.
- 3560404** CLEANING DEVICE. Vorwerk & Co. Interholding GmbH
- 3560409** ARRANGEMENT FOR STERILE HANDLING OF A NON-STERILE ENDOSCOPE IN A STERILE ENVIRONMENT. avateramedical GmbH
- 3560410** ARRANGEMENT FOR STERILE HANDLING OF A NON-STERILE ENDOSCOPE IN A STERILE ENVIRONMENT. avateramedical GmbH
- 3560447** ORTHOPEDIC GROWING DEVICES. Stryker European Holdings I, LLC
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- 3560457** APPARATUS FOR USE IN IMPLANTING INTRAOCULAR LENSES AND METHOD OF PREPARING APPARATUS FOR USE. Samsara Vision, Inc.
- 3560528** SUCTION IRRIGATION DEVICE. Lazic Besitz GmbH & Co. KG
- 3560539** TUB FOR USE IN A HUMIDIFIER. ResMed Pty Ltd
- 3560544** MEDICAL DEVICE FOR NITROGEN MONOXIDE (NO)-ASSISTED WOUND DEBRIDEMENT. BSN medical GmbH
- 3560627** METHODS FOR TREATING LIQUID ALUMINIUM OR A LIQUID ALUMINIUM ALLOY. CeraNovis GmbH
- 3560643** STEP DRILL BIT. Milwaukee Electric Tool Corporation
- 3560644** A TOOL BODY AND A MILLING TOOL. Seco Tools AB
- 3560686** PROCESSING MACHINE FOR THE LAYERED PRODUCTION OF THREE-DIMENSIONAL COMPONENTS. Trumpf Laser- und Systemtechnik GmbH
- 3560701** LAMINATED GLASS WITH HIGH FIRE RESISTANCE. SCHOTT AG
- 3560746** MOTOR VEHICLE, MONITORING DEVICE FOR A MOTOR VEHICLE AND CORRESPONDING METHOD. Skoda Auto a.s.
- 3560777** PARKING BRAKE FOR A MOTOR VEHICLE, AND METHOD TO RELEASE A PARKING BRAKE SYSTEM. FCA Italy S.p.A.
- 3560802** TRACK SECTION WITH CROSSBAR MEMBER AND TRACK BELT FORMED BY SUCH TRACK SECTIONS. Olofsfors AB
- 3560825** AN AIRCRAFT WING AND WING TIP DEVICE. Airbus Operations Limited
- 3560826** NOISE REDUCTION FAIRING. Safran Landing Systems UK Ltd
- 3560827** UNDERCARRIAGE PROVIDED WITH A LITHGNING PROTECTION DEVICE. Safran Landing Systems
- 3560828** VTOL FIXED-WING AERIAL DRONE WITH INTERCHANGEABLE CABINS. Shanghai Autoflight Co., Ltd.
- 3560833** METHOD AND SYSTEM FOR CONTROLLING ROTOR SPEEDS OF ROTOR SYSTEMS. Textron Innovations Inc.
- 3560840** AIR PASSENGER BRIDGE WITH A SAFETY FEATURE FOR PROTECTING AN AIRCRAFT DOOR. Hübner GmbH & Co. KG
- 3560855** INSERT FOR SETTING AN OBJECT INSIDE A CONTAINER. BHG
- 3560859** SYSTEM FOR CONVEYING PRODUCTS IN SUCCESSION ALONG AN INDUSTRIAL LINE. Soremartec S.A.
- 3560982** POLY(AMIDE-IMIDE) COPOLYMER COMPOSITION AND COLORLESS AND TRANSPARENT POLY(AMIDE-IMIDE) FILM COMPRISING THE SAME. LG Chem, Ltd.
- 3560988** EDIBLE FOOD CONDITIONING FILM AND ITS MANUFACTURING PROCESS. Instituto Politécnico De Leiria
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- 3561040** DISPENSING MACHINE WITH DISPENSER FOR DISPENSING AT LEAST ONE CELL AND/OR AT LEAST ONE FLUID CONTAINING PARTICLES.  
cytena GmbH
- 3561133** DEVICE AND METHOD FOR HOT-DIP COATING A METAL STRIP WITH AT LEAST TWO LAYERS. ThyssenKrupp Steel Europe AG; thyssenkrupp AG
- 3561149** METHOD OF DEPOSITING A SIN FILM. SPTS Technologies Limited
- 3561163** KNITTED FABRIC HAVING HEAT GENERATING FUNCTION AND MANUFACTURING METHOD THEREFOR. KnitWarm Limited
- 3561207** CONNECTING MEANS AND PIECE OF FURNITURE. Grass GmbH
- 3561211** WINDOW GLASS LIFTING DEVICE. HI-LEX Corporation
- 3561215** STACKING UNIT OF SLATS ON A SUPPORT LADDER FOR THE PRODUCTION OF VENETIAN BLINDS AND METHOD OF STACKING SLATS ON A SUPPORT LADDER. Dallan S.p.A.
- 3561236** GUIDE VANE FOR A TURBINE OF A TURBOMACHINE, TURBINE MODULE AND USE METHOD OF THE TURBINE MODULE. MTU Aero Engines AG
- 3561239** WEDGE ADAPTER SEAL. Raytheon Technologies Corporation
- 3561292** FIXING BOLTS FOR THE MANUFACTURE OF A WIND TURBINE ROTOR BLADE FLANGE CONNECTION, SYSTEM, METHOD, FLANGE INSERTER, ROTOR BLADE AND WIND TURBINE. Nordex Blade Technology Centre ApS; Nordex Energy SE & Co. KG
- 3561297** ADAPTOR FOR WIND TURBINE REFURBISHMENT AND ASSOCIATED METHODS. General Electric Company
- 3561313** AIRCRAFT HYDRAULIC SYSTEM WITH A DUAL SPOOL VALVE AND METHOD OF USE. The Boeing Company
- 3561314** SLOW RESPONSE SOLENOID HYDRAULIC VALVE, AND ASSOCIATED SYSTEMS AND METHODS. Safran Landing Systems Canada Inc.
- 3561316** PNEUMATIC MODULES AND SYSTEM FOR PROPORTIONAL CONTROL. Camozzi Automation S.p.A.
- 3561330** AXLE ASSEMBLY HAVING A WHEEL END DISCONNECT AND METHOD OF CONTROL. ArvinMeritor Technology, LLC
- 3561333** SYNCHRONOUS ENGAGEMENT CLUTCH. Hamilton Sundstrand Corporation
- 3561346** SEAL, SEALING ARRANGEMENT AND MULTIWAY FLUID VALVE.  
Vitesco Technologies GmbH
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- 3561381** METHOD FOR CONTROLLING A HEATING SYSTEM COMPONENT FOR A SIMPLE AND SAFE OPERATION AND A HEATING SYSTEM COMPONENT THEREFOR. Bleckmann GmbH & Co. KG
- 3561396** HOT WATER SUPPLY APPARATUS FOR COMBINED USE OF AIR CONDITIONER. LG Electronics Inc.
- 3561397** CONNECTION DEVICE FOR RADIATOR. ORKLI, S. COOP.
- 3561399** TEMPERATURE DELTA CONTROL FOR A HYDRONIC HEATING/COOLING SYSTEM. Computime Ltd.
- 3561416** A CONTAINER FOR RECEIVING GOODS TO BE COOLED AND METHOD THEREOF. Storopack Hans Reichenecker GmbH
- 3561425** DEVICE FOR TEMPERING A REACTOR. Evonik Operations GmbH
- 3561430** HEAT EXCHANGER. Panasonic Intellectual Property Management Co., Ltd.
- 3561432** ELECTRONIC DEVICE AND HEAT-DISSIPATION DEVICE FOR ELECTRONIC DEVICE. Harman International Industries, Incorporated
- 3561441** THREAD DEVICE FOR TESTING OF THREADS. Diatest Hermann Költgen GmbH
- 3561485** BLOOD ANALYSIS METHOD AND BLOOD ANALYZER. SYSMEX CORPORATION; University of Yamanashi
- 3561487** MEASURING DEVICE FOR ANALYSIS OF A COMPOSITION OF A COMBUSTIBLE GAS WITH A FILTER CHAMBER ARRANGED IN FRONT OF A DETECTOR. ABB Schweiz AG
- 3561539** ANGULAR RESOLUTION OF TARGETS USING SEPARATE RADAR RECEIVERS. The Boeing Company
- 3561583** BACKLIGHT UNIT INCLUDING LIGHT SOURCE PACKAGE AND DISPLAY DEVICE USING THE SAME. LG Display Co., Ltd.
- 3561587** OPTICAL PHASED ARRAY BASED ON EMITTERS DISTRIBUTED AROUND PERIMETER. Honeywell International Inc.
- 3561589** IMAGE STABILIZATION APPARATUS, LENS APPARATUS, AND CAMERA SYSTEM. CANON KABUSHIKI KAISHA
- 3561601** IMAGE FORMING APPARATUS. KYOCERA Document Solutions Inc.
- 3561621** DETERMINATION OF AN ADAPTED LEADING VALUE. Siemens Aktiengesellschaft
- 3561631** PITCH AND THRUST CONTROL FOR COMPOUND AIRCRAFT. The Boeing Company
- 3561662** ENCRYPTING AND DECRYPTING UNIT FOR RSA CRYPTOGRAPHIC SYSTEM, RESISTANT TO FAULTS INJECTION. Adips Spolka Z Ograniczona Odpowiedzialnoscia
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- 3561672** METHOD AND APPARATUS FOR A MOBILE DEVICE BASED CLUSTER COMPUTING INFRASTRUCTURE. Huawei Technologies Co., Ltd.
- 3561685** DEVICE AND METHOD FOR CONTROLLING A TRANSFER OF INFORMATION FROM A PLURALITY OF ELECTRONIC COMPONENTS THROUGH A COMMUNICATION BUS TO A HOST DEVICE. IniVation AG
- 3561701** METHOD AND DEVICE FOR DETERMINING A PHYSICAL FORM, METHOD FOR PRODUCING A CALCULATION DEVICE, CALCULATION DEVICE AND USE OF THE CALCULATION DEVICE. Siemens Aktiengesellschaft
- 3561706** BIOMETRIC AUTHENTICATION METHOD, SYSTEM, AND COMPUTER PROGRAM. Amadeus S.A.S.
- 3561713** RETRIEVAL DEVICE FOR AUTHENTICATION INFORMATION, SYSTEM AND METHOD FOR SECURE AUTHENTICATION. Siemens Aktiengesellschaft
- 3561714** SECURE ZONE FOR DIGITAL COMMUNICATIONS. OLogN Technologies AG
- 3561730** METHOD FOR ADJUSTING THE PHASE OF THE SIGNAL EMITTED BY AN OBJECT CAPABLE OF CONTACTLESS COMMUNICATION WITH A READER BY ACTIVE LOAD MODULATION, AND CORRESPONDING OBJECT. STMicroelectronics (Rousset) SAS
- 3561777** METHOD AND APPARATUS FOR PROCESSING A 3D SCENE. InterDigital CE Patent Holdings
- 3561784** AUTOMATIC VENDING MACHINE OF EDIBLE PRODUCTS AND/OR DURABLE GOODS. Magex S.r.l.
- 3561786** METHOD AND DEVICE FOR OPERATING A VEHICLE. Dr. Ing. h.c. F. Porsche AG
- 3561795** AUGMENTED REALITY TRAINING SYSTEM. Huang, Yu-Hsuan
- 3561801** DISPLAY PANEL. InnoLux Corporation
- 3561831** AN ELECTRICAL SWITCH. ABB Schweiz AG
- 3561835** VEHICLE GEAR SHIFT MODULE. Ficosa International (Taicang) Co. Ltd
- 3561837** AN ELECTRICAL SWITCH. ABB Schweiz AG
- 3561849** CIRCUIT BREAKER. ABB S.p.A.
- 3561871** OPTOELECTRONIC DEVICE. InnoLux Corporation
- 3561951** UNIT CELL ANTENNA FOR PHASED ARRAYS. The Boeing Company
- 3561969** WEAR MEASURING SYSTEM AND METHOD. Schunk Transit Systems GmbH
- 3561971** LIGHT EMITTING MODULE. Nichia Corporation
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- 3561978** INSULATOR FOR A CABLE END. Silec Cable
- 3561988** FAST GRID SYNCHRONIZATION. Innio Jenbacher GmbH & Co OG
- 3561992** BATTERY SAVING SYSTEM AND ELECTRICALLY POWERED MOBILITY DEVICE COMPRISING THE SAME. Permobil AB
- 3562004** ISOLATION RING FOR ISOLATING END WINDINGS OF A STARTER GENERATOR FOR A HYBRID ELECTRIC VEHICLE. Vitesco Technologies GmbH
- 3562024** AUTO ADJUSTING BALANCER APPARATUS. Eaton Intelligent Power Limited
- 3562063** OPTICAL TRANSMISSION SYSTEM AND METHOD FOR CORE SCRAMBLING FOR MULTICORE OPTICAL FIBERS. Institut Mines-Telecom
- 3562102** DEVICES, SYSTEMS AND METHODS FOR PERFORMING MAINTENANCE IN DOCSIS CUSTOMER PREMISE EQUIPMENT (CPE) DEVICES. InterDigital CE Patent Holdings
- 3562192** LTE INTERFERENCE DETECTION AND MITIGATION FOR WI-FI LINKS. Hewlett Packard Enterprise Development LP
- 3562248** MESSAGE TRANSMISSION METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3562270** CALIBRATION OF DRIVERS OF A LIGHT SOURCE. Rosco Laboratories Inc.
- 3562284** METHOD OF MANUFACTURING A BACKPLANE AND CONTROL CABINET COMPRISING SUCH A BACKPLANE. Siemens Aktiengesellschaft
- 3562675** FLUID BACK PRESSURE SENSING WITH A STRAIN SENSOR. Hewlett-Packard Development Company, L.P.
- 3563251** AUDIO CLASSIFICATION WITH MACHINE LEARNING MODEL USING AUDIO DURATION. Hewlett-Packard Development Company, L.P.
- 3563663** HIGH DENSITY PLUNGER MOVEMENT. CNH Industrial Belgium N.V.
- 3563737** PLATE HOLDER FOR SUPPORTING STRUCTURES. Schiffler, Dietmar
- 3563762** INSERTION DEVICE POSITIONING GUIDANCE SYSTEM. Envizion Medical Ltd.
- 3563783** RETRACTOR FOR ENDOSCOPIC SURGERY. AFS Medical GmbH
- 3563796** SYSTEM FROM DENTAL RESTORATION ELEMENT(S) AND COOLING DEVICE AND METHOD. Ivoclar Vivadent AG
- 3563799** HEART VALVE HOLDER. St. Jude Medical, Cardiology Division, Inc.
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- 3564000** A CNC DRILLING/MILLING MACHINE FOR WOODEN PANELS WITH AN AUXILIARY PANEL HOLDING SYSTEM. Vitap Costruzioni Meccaniche S.p.A.
- 3564020** THERMOPLASTIC CELLULAR NETWORK TOUGHENED COMPOSITES. The Boeing Company
- 3564058** MOTOR VEHICLE WITH PROJECTION DEVICE AND METHOD FOR OPERATING SUCH A PROJECTION DEVICE. Audi AG
- 3564064** CHARGING POINT SYSTEM. Deutsche Telekom AG
- 3564074** DRIVER ASSISTANCE SYSTEM FOR AUTONOMOUSLY INDICATING VEHICLE USER INTENT IN RESPONSE TO A PREDEFINED DRIVING SITUATION. TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.
- 3564086** MANAGING DRIVE MODES OF A VEHICLE. The Hi-Tech Robotic Systemz Ltd
- 3564108** BICYCLE PEDAL CLEAT. SRAM LLC
- 3564183** DEVICE FOR HEATING FLUID DISPENSERS, HOSES, AND NOZZLES. Wayne Fueling Systems LLC
- 3564184** STRUCTURAL FIBRE-REINFORCED COMPONENT WITH LIGHTNING STRIKE PROTECTION BY USING CARBON NANO TUBE MATS AND METALLIC LAYERS. Airbus Defence and Space GmbH
- 3564190** A SYSTEM FOR OZONATION OF LIQUIDS AND A METHOD FOR OZONATION OF LIQUIDS. Muszanski, Robert
- 3564449** WORK VEHICLE WITH A HYDRAULIC CIRCUIT WITH RESISTANCE THAT CAN BE ACTIVATED WHEN NEEDED. Wacker Neuson Linz GmbH
- 3564458** AERODYNAMICALLY STABLE ROOF PAVER SYSTEM AND BALLAST BLOCK THEREFOR. Hanover Prest-Paving Company, DBA Hanover Architectural Products
- 3564545** ASSEMBLY COMPOSED OF A COMPONENT AND AN ELEMENT WITH A HEAD AND A COLLAR MOUNTED ON ONE SIDE OF THE HEAD AND METHOD OF MANUFACTURE. Profil Verbindungstechnik GmbH & Co. KG
- 3564553** AN ADJUSTER MECHANISM. Meritor Heavy Vehicle Braking Systems (UK) Limited
- 3564601** PREDICTIVE CONTROL OF A HEAT PUMP. Vaillant GmbH
- 3564618** THREE-DIMENSIONAL SHAPE MEASURING SYSTEM AND MEASURING TIME SETTING METHOD. OMRON Corporation
- 3564659** COOLING HOLE INSPECTION SYSTEM. General Electric Company
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- 3564685** SYSTEM AND METHOD FOR SENSOR DIAGNOSTICS DURING FUNCTIONAL OPERATION. NXP B.V.
- 3564776** ELECTRONIC APPARATUS AND FOLDABLE DISPLAY SCREEN. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3564778** FOLDABLE DISPLAY DEVICE. Samsung Display Co., Ltd.
- 3564787** METHOD FOR INTERACTION OF A POINTING DEVICE WITH A TARGET ON A PROJECTION SURFACE OF A VIRTUAL DESKTOP AND POINTING DEVICE FOR SAME. Deutsche Bahn AG
- 3564812** METHOD AND SYSTEM FOR AUTOMATED CREATION OF GRAPHICAL USER INTERFACES. Mphasis Limited
- 3564991** METHOD FOR MANUFACTURING AN ELECTRONIC MODULE. Tateyama Kagaku Co., Ltd.
- 3565001** SOLID-STATE IMAGING DEVICE AND MANUFACTURING METHOD OF SOLID-STATE IMAGING DEVICE. Sony Group Corporation
- 3565023** DRAWER TYPE BATTERY PACK. LG Energy Solution, Ltd.
- 3565024** BATTERY HOLDER AND AIRCRAFT INCLUDING SUCH A BATTERY HOLDER. Airbus Operations GmbH
- 3565064** CRIMP TERMINAL. Yazaki Corporation
- 3565074** COUPLING CIRCUIT WITH SWITCHING FUNCTION FOR COUPLING AN INSULATION MONITORING DEVICE TO AN UNGROUNDED POWER SUPPLY SYSTEM. Bender GmbH & Co. KG
- 3565085** AUTONOMOUS WIRELESS SENSOR DEVICE WITH REDUCED POWER CONSUMPTION. ABB Schweiz AG
- 3565120** CIRCUIT AND METHOD FOR REDUCING CURRENT LEAKAGE DURING A LOW-POWER OR INACTIVE MODE. Analog Devices International Unlimited Company
- 3565179** COMPOSITE SECURITY MARKING AND METHODS AND APPARATUSES FOR PROVIDING AND READING SAME. Merck Patent GmbH
- 3565198** TRANSMITTING SECURITY INFORMATION OVER A WIRED LINK. INTEL Corporation
- 3565214** SYSTEMS AND METHODS FOR ENCRYPTED VEHICLE DATA SERVICE EXCHANGES. Honeywell International Inc.
- 3565286** DISASTER MITIGATION SYSTEM FOR CONNECTED VEHICLES HAVING HIDDEN VEHICLE FUNCTIONALITY. TOYOTA JIDOSHA KABUSHIKI KAISHA
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- 3565721** FLUID EJECTION DIE HEAT EXCHANGERS. Hewlett-Packard Development Company, L.P.
- 3566663** ORTHOGNATHIC IMPLANT. Synthes GmbH
- 3566856** METHOD AND DEVICE FOR IMPROVING COMPONENT HOMOGENEITY OF OBJECTS MADE USING AN ADDITIVE PRODUCTION METHOD. EOS GmbH Electro Optical Systems
- 3566917** INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND NON-TRANSITORY RECORDING MEDIUM STORING PROGRAM. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3566934** BRAKE DISC LOCK. ABUS August Bremicker Söhne KG
- 3566985** TRAY STACKING DEVICE WITH UNLOADING MEANS. MULTIVAC Sepp Haggemüller SE & Co. KG
- 3567038** PROCESS FOR THE PREPARATION OF QUINAZOLINYL DERIVATIVES. Hetero Labs Ltd.
- 3567082** COATED METAL FOOD CONTAINER ARTICLE. Dow Global Technologies LLC
- 3567165** ROCK CLAW FOR DEMOLITION HAMMER. Caterpillar Inc.
- 3567389** METHOD FOR THE CONTINUOUS INSULATION MONITORING OF AN ELECTRICAL CONDUCTOR. Bender GmbH & Co. KG
- 3567477** METHOD FOR PRELOADING APPLICATION, STORAGE MEDIUM, AND TERMINAL. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3567481** VIRTUALIZATION ENVIRONMENT PROVIDING USER-BASED SEARCH INDEX ROAMING AND RELATED METHODS. Citrix Systems, Inc.
- 3567550** IMAGE PROCESSING APPARATUS, CONTROL METHOD OF IMAGE PROCESSING APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM. CANON KABUSHIKI KAISHA
- 3567621** THOMSON COIL DRIVEN SWITCH ASSEMBLY WITH LIGHTWIGHT PLUNGER. ABB Schweiz AG
- 3567664** METAL HYDRIDE HYDROGEN STORAGE ARRANGEMENT FOR USE IN A FUEL CELL UTILITY VEHICLE AND METHOD OF MANUFACTURING THE SAME. University Of The Western Cape
- 3567678** DEVICE FOR CONTACT SCREWING, ELECTRIC MACHINE WITH DEVICE FOR CONTACT SCREWING AND CONTACT SCREWING. VOLKSWAGEN AKTIENGESELLSCHAFT
- 3567805** GRAPHICAL USER INTERFACES FOR DEVICE DISCOVERY AND SCHEDULING THEREOF. ServiceNow, Inc.
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- 3567874** HEARING DEVICE AND METHOD FOR OPERATING A HEARING DEVICE. Sivantos Pte. Ltd.
- 3568305** FLUID ACTUATOR REGISTERS. Hewlett-Packard Development Company, L.P.
- 3568642** RANGE HOOD WITH A CAMERA. Samsung Electronics Co., Ltd.
- 3569218** DEVICE FOR PROCESSING A BLISTER TUBE WITH A PLURALITY OF BLISTER BAGS AND METHOD FOR OPERATING THE SAME. JDM Innovation GmbH
- 3569335** MAGNETIC LIFTER FOR A MILLING MACHINE. Harald Böhl GmbH
- 3569336** ROTARY TOOL. Gühring KG
- 3569341** JOINING WORKPIECES WITH A THERMALLY EXPANDABLE MATERIAL. MAN Truck & Bus SE
- 3569354** DEVICE FOR FIXING WORKPIECES AND PROCESSING UNIT. TMD Friction Services GmbH
- 3569454** IGNITION SWITCH FOR MOTOR VEHICLES. CEV LAB S.r.l.
- 3569512** DEVICE AND METHOD FOR POSITIONING A STICKER ON A MOTOR VEHICLE. Compagnie Plastic Omnium
- 3569513** CORRUGATED CARDBOARD PACKAGE ADAPTED TO DETECT BREAKS MADE TO ITS DETRIMENT. ASSOGRAPH ITALIA S.R.L.
- 3569677** LIMITER DEVICE FOR VORTICES AND SOLID DEPOSITS. IFP Energies nouvelles
- 3569757** DOOR OF A HOUSEHOLD APPLIANCE WITH A SEALING ELEMENT HAVING A CLOSURE ELEMENT IN THE FORM OF A RING SECTION. BSH Hausgeräte GmbH
- 3569770** METHOD OF INVESTIGATING THE BEARING CAPACITY OF SCREW PILE FOUNDATIONS. Krinner Innovation GmbH; z-part GmbH
- 3569772** WORK VEHICLE WITH LATCHING CARRIER FOR ATTACHMENTS. Deere & Company
- 3569773** HOLDER FOR COUPLING A WORK IMPLEMENT TO A WORK VEHICLE. Deere & Company
- 3569840** GAS TURBINE ENGINE. Rolls-Royce plc
- 3569855** HYBRID ELECTRIC AIRCRAFT PROPULSION SYSTEM. Rolls-Royce plc
- 3569856** ELECTRIC DUCTED FAN. Rolls-Royce plc
- 3569857** ELECTRIC DUCTED FAN. Rolls-Royce plc
- 3569916** HOLDING DEVICE FOR FIXING AN INSULATION. tmax Holding GmbH
- 3569985** AN ELECTRICITY METER AND AN ADAPTOR MODULE THEREFOR. Landis+Gyr AG
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- 3569989** FLOWMETER. Diehl Metering GmbH
- 3569996** MEASUREMENT SYSTEM, MEASUREMENT METHOD, AND PRESSURE MEASUREMENT APPARATUS. Yokogawa Electric Corporation; Yokogawa Test & Measurement Corporation
- 3570076** CURED PRODUCT, AND OPTICAL ELEMENT, DIFFRACTIVE OPTICAL ELEMENT, OPTICAL APPARATUS, AND IMAGING DEVICE USING THE CURED PRODUCT. CANON KABUSHIKI KAISHA
- 3570198** SYSTEM AND METHOD FOR DETECTING POTENTIALLY HARMFUL DATA. Zixcorp Systems Inc.
- 3570398** METHOD AND APPARATUS FOR DETERMINING A DIRECTION OF AN INTERMITTENT GROUNDING FAULT IN A POWER GRID. Siemens Aktiengesellschaft
- 3570466** METHOD AND DEVICES FOR TRANSMITTING CLIENT SIGNALS IN OPTICAL TRANSPORT NETWORK. Huawei Technologies Co., Ltd.
- 3570492** METHOD FOR ASSIGNING IDENTIFIERS TO SWITCHES IN STACK, OPTICAL CABLE, AND RELATED DEVICE. Huawei Technologies Co., Ltd.
- 3570507** SWITCH CONFIGURATION SYNCHRONIZATION. Hewlett Packard Enterprise Development LP
- 3570640** LED DIMMING METHOD, APPARATUS AND DEVICE, AND STORAGE MEDIUM. GUANGZHOU YAJIANG PHOTOELECTRIC EQUIPMENT CO., LTD.
- 3571401** ROTOR LOCKING SYSTEM. Siemens Gamesa Renewable Energy Deutschland GmbH
- 3571403** LUBRICATION SYSTEM FOR A DRIVE TRAIN OF A WIND TURBINE, WIND TURBINE AND METHOD OF LUBRICATING. Siemens Gamesa Renewable Energy Deutschland GmbH
- 3571584** COMPUTERS WITH BIOS OPTIMIZATION. Hewlett-Packard Development Company, L.P.
- 3571748** METHOD FOR IDENTIFYING AN OUTGOING CIRCUIT HAVING AN EARTH FAULT IN A THREE-PHASE POWER SUPPLY SYSTEM. Siemens Energy Global GmbH & Co. KG
- 3571908** FOLDING HITCH. AGCO International GmbH
- 3571976** ENDOSCOPE APPARATUS. FUJIFILM Corporation
- 3572245** VEHICLE TIRE. Continental Reifen Deutschland GmbH
- 3572293** METHOD FOR ASSISTING DRIVING OF AT LEAST ONE MOTOR VEHICLE AND ASSISTANCE SYSTEM. VOLKSWAGEN AKTIENGESELLSCHAFT
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- 3572457** INORGANIC COMPOSITE FOR RUBBER REINFORCEMENT, METHOD FOR PREPARING THE SAME, AND RUBBER COMPOSITION FOR TIRES COMPRISING THE SAME. LG Chem, Ltd.
- 3572532** INCORPORATION OF A SCRAP MELTING FURNACE INTO A CONVERTER STEELWORKS. SMS Group GmbH
- 3572556** HYBRID TORQUE BAR FOR A WHEEL ASSEMBLY. Goodrich Corporation
- 3572602** VERTICAL CABLE BARRIER. Fortress Iron, LP
- 3572660** AIR INTAKE SYSTEM. Rolls-Royce plc
- 3572918** TOUCH DETECTION CHIP, AND METHOD FOR DETECTING TOUCH SCREEN. Shenzhen Goodix Technology Co., Ltd.
- 3573046** DISPLAY DEVICE COMPRISING A DRIVER CIRCUIT BOARD AND CORRESPONDING METHOD THEREOF. Kunshan Go-Visionox Opto-Electronics Co., Ltd.
- 3573126** BATTERY FIXING APPARATUS AND ELECTRONIC DEVICE. JRD Communication (Shenzhen) Ltd
- 3573170** VOLTAGE MEASURING DEVICE FOR BATTERY CELL OF VEHICLE. Kyungshin Co., Ltd.
- 3573239** INTERCONNECTION NETWORK FOR INTEGRATED CIRCUIT AND COMPUTER-IMPLEMENTED METHOD OF GENERATING A CORRESPONDING ELECTRONIC DESIGN FILE. ARM Limited
- 3573337** METHOD AND DEVICE FOR LOSSY COMPRESS-ENCODING IMAGE DATA. Dolby International AB
- 3574212** LUBRICATION SYSTEM FOR A DRIVE TRAIN OF A WIND TURBINE. Siemens Gamesa Renewable Energy Deutschland GmbH
- 3574638** DYNAMICALLY GAMUT ADJUSTABLE DISPLAYS. Hewlett-Packard Development Company, L.P.
- 3574660** VARIABLE-FREQUENCY SLIDING BAND EQUALIZATION FOR CONTROLLING SEALED LOUDSPEAKER EXCURSION. Dolby Laboratories Licensing Corporation
- 3574680** METHOD AND USER EQUIPMENT (UE) FOR CELL RESELECTION IN CONNECTED MODE THEREOF. Samsung Electronics Co., Ltd.
- 3574737** ADJUSTMENT SYSTEM FOR A STEERING ASSEMBLY. HUSQVARNA AB
- 3574978** HYDROGEN SUPPLY SYSTEM AND DRIVING METHOD OF HYDROGEN SUPPLY SYSTEM. Panasonic Intellectual Property Management Co., Ltd.
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- 3575060** METHOD FOR OPERATING A MULTI-NOZZLE EXTRUDER USING ZIG-ZAG PATTERNS THAT PROVIDE IMPROVED STRUCTURAL INTEGRITY. Xerox Corporation
- 3575214** APPARATUS AND METHOD FOR A STOWAGE BIN LIGHTING INTERFACE. The Boeing Company
- 3575436** METHOD FOR DIRECT PATTERNED GROWTH OF ATOMIC LAYER TRANSITION METAL DICHALCOGENIDES. Honda Motor Co., Ltd.
- 3575529** PULLEY DEVICE. Zhongshan Opik Hardware Product Co., Ltd
- 3575670** LIGHT SOURCE MODULE, AND ILLUMINATION DEVICE COMPRISING LIGHT SOURCE MODULE. Suzhou Oppl Lighting Co., Ltd.; Oppl Lighting Co., Ltd.
- 3575684** LIGHT STRIP SYSTEM. Rühl, Hans-Georg
- 3575767** OPTICAL INSPECTION SYSTEM, OPTICAL INSPECTION METHOD, AND AIRCRAFT STRUCTURE. Subaru Corporation
- 3575808** METHOD AND DEVICE FOR DIAGNOSING THE WEAR OF AN ELECTRICAL SWITCHGEAR, AND ELECTRICAL SWITCHGEAR COMPRISING SUCH A DEVICE. SCHNEIDER ELECTRIC INDUSTRIES SAS
- 3575896** UNMANNED AERIAL VEHICLE CONTROL SYSTEM AND UNMANNED AERIAL VEHICLE CONTROL METHOD. Liaoning Zhuanglong Unmanned Aerial Vehicle Technology Co., Ltd.
- 3575975** METHOD AND APPARATUS FOR OPERATING SMART NETWORK INTERFACE CARD. Beijing Baidu Netcom Science and Technology Co., Ltd.
- 3576185** LITHIUM SECONDARY BATTERY. Panasonic Intellectual Property Management Co., Ltd.
- 3576191** LITHIUM SECONDARY BATTERY. Panasonic Intellectual Property Management Co., Ltd.
- 3576246** METHOD FOR OPERATING A LOADING SYSTEM WITH MULTIPLE LOADING POINTS. Mahle International GmbH
- 3576390** SYSTEM AND METHOD FOR MANAGEMENT OF WIRELESS DEVICES ABOARD AN AIRCRAFT. Federal Express Corporation
- 3576839** ELECTROPORATION SYSTEM AND METHOD OF PRECONDITIONING TISSUE FOR ELECTROPORATION THERAPY. St. Jude Medical, Cardiology Division, Inc.
- 3578288** METHOD OF FORMING AN INNER BARREL OF AN ENGINE INLET WITH LASER-MACHINED ACOUSTIC PERFORATIONS. The Boeing Company
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- 3578475** DOUBLE-LAYER KEG. TALOS TECHNOLOGY CORPORATION
- 3578505** DISPENSING SYSTEM CONTROL MODULE AND METHOD FOR OPERATING SAME. Gruber, Günther
- 3578507** SYSTEMS AND METHODS FOR THERMALLY REGULATING SENSOR OPERATION. SZ DJI Technology Co., Ltd.
- 3579104** METHOD AND APPARATUS FOR ESTABLISHING AN APPLICATION PREDICTION MODEL, STORAGE MEDIUM AND TERMINAL. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3579152** COMPUTING APPARATUS AND RELATED PRODUCT. Shanghai Cambricon Information Technology Co., Ltd
- 3579178** INTEGRATING MAPS AND STREET VIEWS. Google LLC
- 3579462** SYSTEMS AND METHODS FOR BURST DETECTION IN A CATV NETWORK. ARRIS Enterprises LLC
- 3579600** COMMUNICATION CONTROL DEVICE, COMMUNICATION CONTROL METHOD AND COMMUNICATION DEVICE. Sony Group Corporation
- 3580042** PRINTHEAD ASSEMBLY WITH LIGHT EMISSION DEVICES AND PHOTON DETECTORS. Hewlett-Packard Development Company, L.P.
- 3580854** SYSTEM AND METHOD FOR BEAM INDEXING REFERENCE SIGNAL DESIGN FOR INITIAL ACCESS. Huawei Technologies Co., Ltd.
- 3580863** CHANNEL POLLING FOR MULTI-FREQUENCY BAND ANTENNA TUNING. Hewlett-Packard Development Company, L.P.
- 3581040** ELECTRONIC CIGARETTE, ATOMIZING CORE, ATOMIZER, AND ELECTRONIC CIGARETTE CONTROL METHOD. Shenzhen Smoore Technology Limited
- 3581269** CATALYST FOR EXHAUST GAS PURIFICATION AND METHOD OF PREPARATION. Cataler Corporation
- 3581332** ELECTRIC TOOL, IN PARTICULAR DRILL DRIVER. Robert Bosch GmbH
- 3581443** COMMUNICATION DEVICE FOR A VEHICLE FOR CARRYING OUT A CONTACTLESS DATA TRANSMISSION. Huf Hülsbeck & Fürst GmbH & Co. KG
- 3581448** A DISC BRAKE. Meritor Heavy Vehicle Braking Systems (UK) Limited
- 3581473** ELASTOMER BELT FOR TRANSMITTING A DRIVE FORCE IN AGRICULTURAL MACHINES AND METHOD OF MANUFACTURING THE SAME, AND SYSTEM FOR MONITORING THE CONDITION OF AN ELASTOMER BELT. CLAAS Industrietechnik GmbH
- 3582217** STEREO CODING USING EITHER A PREDICTION MODE OR A NON-PREDICTION MODE. Dolby International AB
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- 3582361** WIRELESS CHARGING APPARATUS, DEVICE TO BE CHARGED AND CONTROL METHOD THEREFOR. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3582528** NETWORK ACCESS METHOD, SYSTEM, ACCESS GATEWAY AND COMPUTER-READABLE STORAGE MEDIUM. Huawei Technologies Co., Ltd.
- 3582545** APPARATUS AND METHOD TO ENABLE DEVICE-TO-DEVICE (D2D) COMMUNICATION IN CELLULAR NETWORKS. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3582669** ADAPTER FRAME, ASSEMBLY, AND SUCTION DEVICE. Festool GmbH
- 3582921** A TECHNIQUE FOR WELDING PRECIPITATION-HARDENED SUPERALLOYS WITH OSCILLATING BEAM. Siemens Energy Global GmbH & Co. KG
- 3582951** ADDITIVE MANUFACTURING MACHINE HEAT FLUX. Hewlett-Packard Development Company, L.P.
- 3583271** SUCTION DREDGER HAVING A SWIVELING FILTER UNIT. RSP GMBH
- 3583366** DEVICE AND METHOD FOR INCREASING THE THERMAL OUTPUT OF A HEAT SOURCE. Siemens Energy Global GmbH & Co. KG
- 3583788** DETERMINING VEHICLE CROWDEDNESS USING REAL-TIME LOCATION DATA. Google LLC
- 3583821** OPERATING MODE CONFIGURATION. Hewlett-Packard Development Company, L.P.
- 3583833** WORK EVALUATION SYSTEM. Kubota Corporation
- 3584072** FILMS HAVING SELECTIVELY WEAKENED PORTIONS. The Boeing Company
- 3584764** METHOD FOR CONTROLLING A MACHINE BY MEANS OF AT LEAST ONE SPATIAL COORDINATE AS CONTROL VARIABLE. Deutsche Bahn AG
- 3584839** IMAGE SENSOR. Samsung Electronics Co., Ltd.
- 3584843** SEMICONDUCTOR DEVICE. Rohm Co., Ltd.
- 3584980** TTI BUNDLING METHOD IN WIRELESS ACCESS SYSTEMS AND APPARATUS FOR SAME. LG Electronics Inc.
- 3584983** METHOD FOR TRANSMITTING AND RECEIVING REFERENCE SIGNAL, NETWORK DEVICE AND TERMINAL DEVICE. Huawei Technologies Co., Ltd.
- 3585050** MULTIWAY AUDIO-VIDEO CONFERENCING WITH MULTIPLE COMMUNICATION CHANNELS PER DEVICE. Apple Inc.
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- 3585446** MULTI-MODE IMAGING MARKERS. View Point Medical, Inc.
- 3585723** MEMS OR NEMS DEVICE WITH STACKED STOP ELEMENT. SAFRAN;  
Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 3586263** METHOD AND SYSTEM FOR BLOCKCHAIN-BASED ANTI-BOT  
PROTECTION. Radware, Ltd.
- 3586589** WORK VEHICLE AND GRASS MOWING MACHINE. Kubota Corporation
- 3586934** SYSTEM AND METHOD FOR CONTROLLING TECHNICAL PROCESSES.  
Supercell Oy
- 3587083** SONIC LABEL WELDING DEVICE. Avery Dennison Retail Information  
Services LLC
- 3587135** METHOD FOR CONTACTLESS PRINTING OF UV VARNISH. MGI Digital  
Technology
- 3587268** SIMULTANEOUS DUAL ENGINE BLEED THERMAL MANAGEMENT  
SYSTEM. Hamilton Sundstrand Corporation
- 3587297** TWO-SIDE ADHERABLE HIGH-FREQUENCY INDUCTION HEATING  
CONTAINER SEALING MEMBER, COMPACT COSMETIC CONTAINER  
HAVING TAMPER FUNCTION WITH SAME APPLIED THERETO, AND  
FLIP CAP CONTAINER HAVING TEMPER FUNCTION WITH SAME  
APPLIED THERETO. Seal and Pack Co., Ltd.
- 3587610** HOT-ROLLED AND ANNEALED FERRITIC STAINLESS STEEL SHEET,  
AND METHOD FOR MANUFACTURING SAME. JFE Steel Corporation
- 3587701** PLASTER STRIP ARRANGEMENT FOR SEALING A JOINT. Braun, August
- 3587790** HIGH-PRESSURE FUEL SUPPLY PUMP. Hitachi Astemo, Ltd.
- 3587853** DAMPER SYSTEM WITH A HIGH PERFORMANCE PLASTIC WIPER  
SEAL. Freudenberg-NOK General Partnership
- 3588070** MEASURING ASSEMBLY AND METHOD FOR THERMAL ANALYSIS OF  
A SAMPLE WITH A SAMPLE CRUCIBLE AND A PROTECTIVE OUTER  
CRUCIBLE. Netzsch-Gerätebau GmbH
- 3588193** COMMUNICATION BETWEEN AN IMAGE FORMING DEVICE AND A  
REPLACEABLE SUPPLY ITEM. Lexmark International, Inc.
- 3588685** METHOD FOR INTERCONNECTING PRINTED CIRCUIT BOARDS.  
Amphenol Corporation
- 3588876** METHOD, DEVICE AND SYSTEM FOR FORWARDING DATA  
MESSAGES. Huawei Technologies Co., Ltd.
- 3589483** MULTILAYER STRUCTURE FOR THE CREATION OF A MULTIPURPOSE  
SPORTS FLOORING. GERFLOR
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- 3590148** ANTENNAS IN FRAMES FOR DISPLAY PANELS. Hewlett-Packard Development Company, L.P.
- 3590271** LOUDSPEAKER UNIT COMPRISING AN ELECTRODYNAMIC LOUDSPEAKER AND A MEMS LOUDSPEAKER. Usound GmbH
- 3590784** COUPLING AND TIE ROD FOR A COUPLING. Voith Patent GmbH
- 3590789** TRAILER FOR STROLLER. Zhongshan Aifubao Daily Products Co., Ltd.
- 3590897** GLASS CONTAINER WITH AN IMPROVED BOTTOM GEOMETRY. SCHOTT Pharma AG & Co. KGaA
- 3590928** PYRIMIDINE DERIVATIVES FOR THE TREATMENT OF VIRAL INFECTIONS. Janssen Sciences Ireland Unlimited Company
- 3591137** SEALING DEVICE, SYSTEM AND METHOD. Pure Vista Ltd
- 3591231** SCROLL COMPRESSOR. LG Electronics Inc.
- 3591262** LINEAR ACTUATOR. Goodrich Actuation Systems Limited
- 3591279** CAMERA PAN-TILT AND CAMERA SYSTEM. Huawei Technologies Co., Ltd.
- 3591411** DETECTION OF ELECTRICAL THEFT FROM AN ELECTRICITY METER. ITRON, INC.
- 3591462** LIGHTING APPARATUS. LG INNOTEK CO. LTD
- 3591681** SWITCH. Satori Electric Co., Ltd.
- 3591734** BATTERY MODULE. Panasonic Intellectual Property Management Co., Ltd.
- 3591854** DATA TRANSMISSION METHOD, AND SENDING END DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3592101** DATA PROCESSING METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3593060** AIR CONDITIONER. Samsung Electronics Co., Ltd.
- 3593247** TRAINING MACHINE LEARNING MODELS ON A LARGE-SCALE DISTRIBUTED SYSTEM USING A JOB SERVER. Midea Group Co., Ltd.
- 3593350** USER INTERFACE FOR CORRECTING RECOGNITION ERRORS. Apple Inc.
- 3593424** EMITTER STRUCTURES FOR ULTRA-SMALL VERTICAL CAVITY SURFACE EMITTING LASERS (VCSELS) AND ARRAYS INCORPORATING THE SAME. Sense Photonics, Inc.
- 3593434** METHOD AND ASSEMBLY FOR GENERATING AN ACTIVATING SIGNAL FOR AN HVDC BREAKER. Siemens Energy Global GmbH & Co. KG
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- 3593496** SYSTEM AND METHOD FOR LOW LATENCY NODE LOCAL SCHEDULING IN DISTRIBUTED RESOURCE MANAGEMENT. Huawei Technologies Co., Ltd.
- 3593668** CONTAINER FOR HAIR TONIC. DTS MG Co., Ltd
- 3593774** COVERING ARTICLE. Yamada, Kikuo
- 3593894** EXHAUST SYSTEM WITH DIESEL OXIDATION CATALYST WITH NOX ADSORBER ACTIVITY. Johnson Matthey Public Limited Company
- 3595200** METHOD FOR ALLOCATING TIME AND FREQUENCY RESOURCE FOR RESOURCE REQUEST INDICATOR AND DEVICE THEREOF. Huawei Technologies Co., Ltd.
- 3595250** METHOD AND APPARATUS FOR DEMODULATING SIGNAL BY USING SUBFRAME COMBINATION IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3595258** AUTHENTICATION METHOD FOR REALISING ACCESS NETWORK, AUTHENTICATION DEVICE AND USER EQUIPMENT. Huawei Technologies Co., Ltd.
- 3595383** RESOURCE MAPPING METHOD, NETWORK DEVICE AND TERMINAL DEVICE. Huawei Technologies Co., Ltd.
- 3596541** IMAGING MODULES POWER ON VIA ROTATIONS. Hewlett-Packard Development Company, L.P.
- 3596728** LOW-LATENCY INTELLIGENT AUTOMATED ASSISTANT. Apple Inc.
- 3596880** METHOD AND APPARATUS FOR ACCESS CONTROL IN DISTRIBUTED BLOCKCHAIN-BASED INTERNET OF THINGS (IOT) NETWORK. Samsung Electronics Co., Ltd.
- 3596984** METHOD AND DEVICE FOR UPLINK POWER CONTROL. Samsung Electronics Co., Ltd.
- 3597056** ULTRASONIC ELECTRONIC CIGARETTE ATOMIZER. China Tobacco Hunan Industrial Co., Ltd.
- 3597393** EXTRUSION DEVICE FOR THE PROCESSING OF PLASTICS, WHICH CAN BE COUPLED TO SYSTEMS FOR SUPPLYING THERMOSETTING AND THERMOPLASTIC POLYMERS. Rodriguez Outon, Pablo
- 3597499** PARKING ASSISTANCE DEVICE. Hitachi Astemo, Ltd.
- 3597675** FLUORINE-CONTAINING COPOLYMER. Kanto Denka Kogyo Co., Ltd.
- 3598240** HOLOGRAPHIC DISPLAY CONTROLLER AND HOLOGRAPHIC METHOD FOR PROVIDING ENHANCED IMAGE QUALITY. Samsung Electronics Co., Ltd.
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- 3598836** METHOD AND DEVICE FOR OBTAINING SECONDARY TIMING  
ADVANCE. Huawei Technologies Co. Ltd.
- 3599710** SWITCHING REGULATOR FOR DYNAMICALLY CHANGING OUTPUT  
VOLTAGE AND POWER SUPPLY CIRCUIT INCLUDING THE  
SWITCHING REGULATOR. Samsung Electronics Co., Ltd.
- 3599921** ARTICLE WITH UV RADIATION CURABLE MATERIAL ADHERED TO  
TEXTILE AND METHOD OF MAKING THE SAME. NIKE Innovate C.V.
- 3600144** VAGINAL DEVICE. Invent Medic Sweden AB
- 3600185** PATIENT INTERFACE DEVICE FOR OPHTHALMIC SURGICAL LASER  
SYSTEM. AMO Development, LLC
- 3601232** COMPOSITIONS AND METHODS COMPRISING SUBSTITUTED 2-  
AMINOIMIDAZOLES. The University of Utah Research Foundation; Curza  
Global LLC
- 3601415** METHOD FOR PROCESSING A MIX OF MISCANTHUS FIBERS FOR THE  
PRODUCTION OF A BIO-BASED COMPOSITE. Nnrgy B.V.
- 3601494** METHOD FOR IMPROVING THE EMULSIFICATION PERFORMANCE OF  
NONIONIC ALKOXYLATED SURFACTANTS. Palox Limited
- 3601753** BI-DIRECTIONAL FLUIDIC PCV VALVE ASSEMBLY AND SYSTEM.  
DLHBowles, Inc.
- 3602033** THERMAL DESORBER FOR GAS CHROMATOGRAPHY SAMPLE  
INTRODUCTION WITH IMPROVED COMPOUND RECOVERY AND  
ENHANCED MATRIX MANAGEMENT. Entech Instruments Inc.
- 3602274** FIRMWARE OVER-THE-AIR (FOTA) UPDATE FOR BUILDING  
SERVICES. Tridonic GmbH & Co KG
- 3602778** MULTI-CHANNEL DOHERTY AMPLIFIER, MULTI-ANTENNA  
TRANSMITTER, AND METHOD FOR TURNING ON THE MULTI-  
CHANNEL DOHERTY AMPLIFIER. Telefonaktiebolaget LM Ericsson (PUBL)
- 3603011** APPARATUSES AND METHOD FOR OPERATING MOBILE RADIO  
COMMUNICATION WITH A TRACK-MOUNTED APPARATUS. Siemens  
Mobility GmbH
- 3603276** METHODS AND APPARATUS FOR DETERMINING NETWORK  
IDENTIFIER FOR USE BY USER EQUIPMENT. Huawei Technologies Co.,  
Ltd.
- 3603484** INFORMATION PROCESSING DEVICE, SURGICAL TOOL,  
INFORMATION PROCESSING METHOD, AND PROGRAM. Sony Group  
Corporation
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- 3604097** STEERING INPUT INFORMATION ACQUISITION DEVICE. Yamaha Hatsudoki Kabushiki Kaisha; National Institute of Advanced Industrial Science and Technology
- 3604608** METHOD OF MANUFACTURING A METAL PLATE USED FOR MANUFACTURING A MASK. Dai Nippon Printing Co., Ltd.
- 3604708** RUNNER HOLDER FOR FORMWORK. Sistemas Técnicos De Encofrados, S.A.
- 3604935** INDOOR AIR-CONDITIONING UNIT. GD Midea Air-Conditioning Equipment Co., Ltd.
- 3604948** AIR CONDITIONER, CONTROL METHOD THEREFOR AND COMPUTER READABLE STORAGE MEDIUM. GD Midea Air-Conditioning Equipment Co., Ltd.; Midea Group Co., Ltd.
- 3605301** TOUCH CONTROL METHOD AND APPARATUS. Huawei Technologies Co., Ltd.
- 3605364** QUERY PROCESSING METHOD, DATA SOURCE REGISTRATION METHOD AND QUERY ENGINE. Huawei Technologies Co., Ltd.
- 3605489** PROCESSING DEVICE AND METHOD FOR GENERATING OBJECT IDENTIFICATION INFORMATION. Mitsubishi Electric Corporation
- 3605533** SIGNAL PROCESSING APPARATUS AND SIGNAL PROCESSING METHOD, ENCODER AND ENCODING METHOD, DECODER AND DECODING METHOD, AND PROGRAM. Sony Group Corporation
- 3605896** METHOD AND DEVICE FOR TRANSMITTING FEEDBACK INFORMATION IN WIRELESS COMMUNICATION SYSTEM. LG Electronics Inc.
- 3605929** RANDOM ACCESS METHODS, TERMINAL DEVICE, NETWORK DEVICE, COMPUTER READABLE STORAGE MEDIUM AND COMMUNICATIONS APPARATUS. Huawei Technologies Co., Ltd.
- 3605930** TRANSMITTING UPLINK REFERENCE SIGNAL. Huawei Technologies Co., Ltd.
- 3605956** IPTV SERVICE QUALITY DETECTION METHOD, DEVICE AND SYSTEM. Huawei Technologies Co., Ltd.
- 3605972** PACKET TRANSMISSION METHOD, EDGE DEVICE, AND MACHINE READABLE STORAGE MEDIUM. New H3C Technologies Co., Ltd.
- 3605973** METHOD AND APPARATUS FOR MESSAGE TRANSMISSION. New H3C Technologies Co., Ltd.
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- 3606027** ELECTRONIC DEVICE WITH CAMERA BASED AMBIENT LIGHT DETECTION. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3606028** IMAGE SENSOR, CAMERA MODULE, AND ELECTRONIC DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3606126** METHOD AND DEVICE FOR TRANSMITTING UPLINK CHANNELS, AND METHOD AND DEVICE FOR TRANSMITTING DOWNLINK CHANNELS. Huawei Technologies Co., Ltd.
- 3606156** METHOD AND APPARATUS FOR PROCESSING DATA AT HIGH SPEED. Samsung Electronics Co., Ltd.
- 3606161** DATA TRANSMISSION METHOD AND APPARATUS. Huawei Technologies Co., Ltd.
- 3606210** CHANNEL LOCATION INDICATION METHOD, AND RELATED PRODUCT. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3606275** SESSION MANAGEMENT METHOD, NETWORK APPARATUS, AND COMMUNICATION SYSTEM. Huawei Technologies Co., Ltd.
- 3606326** CLEANING CROPS VEHICLE AND METHOD OF THE SAME. Deprez Construct NV
- 3606327** AUTONOMOUS MOWER CUTTING SYSTEMS. MTD products Inc
- 3606344** COMPOSITIONS AND METHODS COMPRISING A TRIARYL POLYAMINE. Curza Global, LLC; University of Utah Research Foundation
- 3606371** STRETCH FASTENER. Alley, Randall
- 3606393** FLOOR CLEANING MACHINE. E' COSI' S.R.L.
- 3606410** ANATOMICAL SURFACE ASSESSMENT METHODS, DEVICES AND SYSTEMS. Aranz Healthcare Limited; Barclay, Philip, John
- 3606424** IMPROVED BREATH SAMPLING DEVICE AND METHOD. Owlstone Medical Limited
- 3606425** SIZING CATHETERS, METHODS OF SIZING ANATOMIES AND METHODS OF SELECTING A PROSTHESIS FOR IMPLANTATION. Medtronic Vascular Inc.
- 3606433** STANDARDIZED CORONARY ARTERY DISEASE METRIC. Koninklijke Philips N.V.
- 3606437** METHOD AND APPARATUS FOR PHYSIOLOGICAL FUNCTIONAL PARAMETER DETERMINATION. Koninklijke Philips N.V.
- 3606441** BIOPSY NEEDLE. Goldenberg, Alec
- 3606461** THREE DIMENSIONAL ROBOTIC BIOPRINTER. Mazor Robotics Ltd.
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- 3606484** COMPOSITE MATERIAL FOR FLUID FLOW MANAGEMENT. Mölnlycke Health Care AB
- 3606487** MULTI-LAYER UNITARY ABSORBENT STRUCTURES. Georgia-Pacific Mt. Holly LLC
- 3606517** COUMARIN DERIVATIVE AS ANTI-ASTHMATIC AGENT, PHARMACEUTICAL COMPOSITION THEREOF AND USE. I-NOVA MEDICINSKA ISTRAZIVANJA d.o.o.
- 3606569** ADDITIVE MANUFACTURING BASED ON FLUID-FLUID INTERFACE. CARNEGIE MELLON UNIVERSITY
- 3606617** COMPOSITION COMPRISING AN ACRYLATE-FUNCTIONALIZED SILICONE POLYMER, A MERCAPTO-FUNCTIONALIZED SILICONE, AN AMINO SILICONE AND A PIGMENT, ITS USE FOR DYEING KERATIN FIBERS AND A MULTI-COMPARTMENT DEVICE COMPRISING ITS COMPONENTS. L'Oreal
- 3606629** RADIO-CONTROLLED VEHICLE. MDB SRL
- 3606658** ADDITIVE MANUFACTURING SUPPORT MATERIAL. Carnegie Mellon University
- 3606764** DECORATION APPARATUS FOR DECORATING A WEB OF LABELING MATERIAL. Sidel Participations
- 3606784** CONTACT DEVICE FOR A BATTERY ELECTRIC VEHICLE. Schunk Transit Systems GmbH
- 3606797** PROCESSING A REQUEST SIGNAL REGARDING OPERATION OF AN AUTONOMOUS VEHICLE. Motional AD LLC
- 3606809** MODULAR ELECTRIC BICYCLE. Matsuura Frontini, Matteo Giuseppe
- 3606846** METHOD AND SYSTEM FOR TRANSPORTING UNITS WITHIN A STORAGE FACILITY. Dematic GmbH
- 3606847** AUTOMATED MANUFACTURING FACILITY AND METHODS. Swisslog Logistics, Inc.
- 3606953** FGFR3 BINDING MOLECULES. Cilag GmbH International
- 3607100** METHOD FOR REMOVING FLUORIDE FROM A ZINC-CONTAINING SOLUTION OR SUSPENSION, DEFLUORIDATED ZINC SULFATE SOLUTION AND USE THEREOF, AND METHOD FOR PRODUCING ZINC AND HYDROGEN FLUORIDE OR HYDROFLUORIC ACID. Montanuniversität Leoben
- 3607105** CHEMICAL VAPOR DEPOSITION SYSTEM FOR COATING SURFACES. AGM CONTAINER CONTROLS, INC.
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- 3607115** CONTROLLED METHOD FOR DEPOSITING A CHROMIUM OR CHROMIUM ALLOY LAYER ON AT LEAST ONE SUBSTRATE. Atotech Deutschland GmbH & Co. KG
- 3607116** METHOD FOR ELECTROLYTICALLY DEPOSITING A CHROMIUM OR CHROMIUM ALLOY LAYER ON AT LEAST ONE SUBSTRATE. Atotech Deutschland GmbH & Co. KG
- 3607148** APPARATUS AND METHOD FOR DRIVING A PILE INTO THE GROUND PRIOR TO LIFTING AND STABILIZING THE FOUNDATIONS OF A BUILDING. Stabiliforce Technologies Inc.
- 3607154** WIRE BINDING MACHINE COMPRISING AN ARRANGEMENT FOR GUIDING A WIRE IN THE WIRE BINDING MACHINE. Husqvarna AB
- 3607173** METHOD OF ESTIMATING THE REGION OF DAMAGE DUE TO COLLAPSE IN THE WALL OF A BOREHOLE DURING THE DRILLING OPERATION. Repsol, S.A.
- 3607180** ON-BOARD VEHICLE HYDROGEN GENERATION AND USE IN EXHAUST STREAMS. BASF Corporation
- 3607198** AIR DENSITY DEPENDENT TURBINE OPERATION. Vestas Wind Systems A/S
- 3607206** ELECTRIC PUMP. SPAL Automotive S.r.l.
- 3607209** AIR GENERATION SYSTEM COMPRISING AN ELECTROMECHANICAL DEVICE, A CASING AND AN ELECTRONIC CARD. Safran Electrical & Power
- 3607215** IMPROVED EFFICIENCY JOURNAL BEARING. Waukesha Bearings Corporation
- 3607257** COMPRESSOR DRIVING APPARATUS AND REFRIGERATOR INCLUDING THE SAME. LG Electronics Inc.
- 3607260** ERGONOMIC CALORIE-/FRIGORIE-STORAGE DEVICE. Eco-Tech Ceram
- 3607261** DEVICE FOR LOADING A BARRELED WEAPON WITH AMMUNITION BODIES. Krauss-Maffei Wegmann GmbH & Co. KG
- 3607276** ROTATIONAL ANGLE SENSOR HOLDING SYSTEM. Schwing GmbH
- 3607296** METHOD AND APPARATUS FOR ANALYZING BIOLOGICAL SAMPLES. Olfactomics OY
- 3607302** METHOD OF DETERMINING THE COVERAGE RATE OF A METAL OBJECT THE SURFACE ROUGHNESS OF WHICH HAS BEEN ALTERED BY A TREATMENT. Safran
- 3607310** METHOD FOR MAKING A WELL DISPOSED OVER A SENSOR. Life Technologies Corporation
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- 3607325** ANALYTICAL PROCESS FOR PREDICTING THE THERAPEUTIC EFFECT OF BH3 MIMETICS. Medizinische Hochschule Hannover
- 3607352** DEVICE FOR ACQUIRING DATA ON A TARGET, PLATFORM AND METHOD THEREFOR. Thales
- 3607353** ILLUMINATING AN ENVIRONMENT FOR LOCALISATION. Telefonaktiebolaget LM Ericsson (PUBL)
- 3607359** GENERATING COMMON IMAGE GATHER USING WAVE-FIELD SEPARATION. Saudi Arabian Oil Company
- 3607362** METHOD OF CHARACTERISING A SUBSURFACE VOLUME. TotalEnergies OneTech
- 3607379** OPTICAL SYSTEM FOR SPATIOTEMPORAL SHAPING THE WAVEFRONT OF THE ELECTRIC FIELD OF AN INPUT LIGHT BEAM TO CREATE THREE-DIMENSIONAL ILLUMINATION. Université Paris Cité; Centre National de la Recherche Scientifique; Institut National de la Santé et de la Recherche Médicale
- 3607412** SYSTEMS AND METHODS FOR GENERATING GAUSSIAN RANDOM NUMBERS WITH HARDWARE ACCELERATION. INTEL Corporation
- 3607430** METHOD AND SYSTEM FOR DETERMINING PERIODICITY OF DATA. Thales
- 3607432** FLOW-BASED SCOPING. Oracle International Corporation
- 3607434** VECTOR COMPRESS2 AND EXPAND2 INSTRUCTIONS WITH TWO MEMORY LOCATIONS. Intel Corporation
- 3607453** METHODS AND APPARATUS FOR DEEP LEARNING NETWORK EXECUTION PIPELINE ON MULTI-PROCESSOR PLATFORM. Intel Corporation
- 3607533** SYSTEMS FOR OPERATING A VEHICLE AND ASSOCIATED METHODS. Gogoro Inc.
- 3607542** DISPLAY MODULE. Daktronics, Inc.
- 3607566** CABLE JACKET COMPOSITION. Borealis AG
- 3607583** LED EMISSIVE IMAGE DISPLAY DEVICE. Commissariat à l'Energie Atomique et aux Energies Alternatives
- 3607687** TECHNIQUES TO PROVIDE INTERFERENCE DIVERSITY IN LOW LATENCY AND HIGH RELIABILITY WIRELESS COMMUNICATION SYSTEMS. QUALCOMM Incorporated
- 3607798** TRANSMISSION OF EARLY DATA IN MESSAGE 3 (MSG3) VIA A DUAL GRANT. Telefonaktiebolaget LM Ericsson (publ)
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- 3607952** USE OF CARRIMYCIN OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF FOR MANUFACTURE OF MEDICAMENT FOR TREATMENT AND/OR PREVENTION OF TUMORS. Shenyang Fuyang Pharmaceutical Technology Co., Ltd.
- 3607961** USE OF PLANT EXTRACTS IN PREPARING COMPOSITION FOR SKIN MOISTURIZATION. TCI Co., Ltd
- 3607987** AUTOMATICALLY ADJUSTING HEADGEAR FOR PATIENT INTERFACE. Fisher & Paykel Healthcare Limited
- 3607996** ANTIBODY-DRUG-CONJUGATE AND ITS USE FOR THE TREATMENT OF CANCER. PIERRE FABRE MEDICAMENT
- 3608079** BASE MATERIAL HOLDING MECHANISM, TRANSPORT DEVICE, HOLDING MEMBER, BASE MATERIAL MOLDING SYSTEM, METHOD FOR HOLDING BASE MATERIAL, AND METHOD FOR MOLDING BASE MATERIAL. Dai Nippon Printing Co., Ltd.
- 3608141** TRANSFER. Univance Corporation
- 3608309** METHOD FOR PURIFYING TRIFLUOROMETHYLPYRIDINE COMPOUND. Ishihara Sangyo Kaisha, Ltd.
- 3608327** TRIAZOLE SILANE COMPOUND, METHOD FOR SYNTHESIZING SAID COMPOUND AND USE THEREOF. Shikoku Chemicals Corporation
- 3608435** FE-MN-SI-BASED ALLOY CASTING MATERIAL HAVING EXCELLENT LOW-CYCLE FATIGUE PROPERTIES. Takenaka Corporation; National Institute for Materials Science
- 3608461** PLATING KNITTING METHOD USED IN FLAT KNITTING MACHINE. Shima Seiki Mfg., Ltd.
- 3608568** ELECTROMAGNETIC VALVE HAVING DURABILITY AGAINST OXYGEN, HYDROGEN, AND WATER. Shinwa Controls Co., Ltd.
- 3608808** FINGERPRINT IDENTIFICATION-BASED BOOT METHOD AND APPARATUS. Huawei Technologies Co., Ltd.
- 3608976** PHOTOELECTRIC CONVERSION ELEMENT, PHOTODIODE, IMAGING ELEMENT AND COMPOUND. FUJIFILM Corporation
- 3609022** LIGHT-TRANSMISSIVE ANTENNA, WINDOW AFFIXING TYPE COMMUNICATION MODULE, AND PERIPHERY MONITORING UNIT. DENSO CORPORATION
- 3609036** DEVICE TO BE CHARGED, WIRELESS CHARGING APPARATUS, WIRELESS CHARGING METHOD AND SYSTEM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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- 3609037** DEVICE UNDER CHARGE, WIRELESS CHARGING APPARATUS AND CONTROL METHOD THEREOF. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609038** DEVICE TO BE CHARGED, WIRELESS CHARGING APPARATUS, WIRELESS CHARGING METHOD AND SYSTEM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609040** WIRELESS CHARGING SYSTEM, APPARATUS, METHOD AND DEVICE TO BE CHARGED. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609043** WIRELESS CHARGING METHOD, APPARATUS, SYSTEM AND DEVICE TO BE CHARGED. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609049** WIRELESS CHARGING DEVICE AND WIRELESS CHARGING METHOD. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609192** IMAGE SHARING METHOD AND ELECTRONIC DEVICE. Huawei Technologies Co., Ltd.
- 3609230** METHODS FOR TRANSMITTING SYSTEM INFORMATION, TERMINAL DEVICE AND NETWORK DEVICE. Huawei Technologies Co., Ltd.
- 3609234** D2D COMMUNICATION METHOD, REMOTE USER EQUIPMENT, AND RELAY USER EQUIPMENT. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609255** SIGNAL PROCESSING METHOD AND APPARATUS. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3609258** PARAMETER CONFIGURATION METHOD AND APPARATUS. Huawei Technologies Co., Ltd.
- 3609299** PLASMA GENERATION SYSTEM WITH MOVING DEVICE AND TEMPERATURE SENSOR. Fuji Corporation
- 3609302** PLASMA-GENERATING DEVICE. Fuji Corporation
- 3609368** ELECTRONIC DISPLAY SYSTEM. REHAU Industries SE & Co. KG
- 3609369** SYSTEM FOR POWERING MULTIPLE ELECTRONIC DISPLAY DEVICES FOR DISPLAYING PRODUCT-RELATED INFORMATION, AND GOODS PRESENTATION SYSTEM. REHAU Industries SE & Co. KG
- 3609380** CYCLONE PRE-SEPARATOR AND ARRANGEMENT. Festool GmbH
- 3609385** ANTI-PARALLAX CORRECTION OF STEREOSCOPIC SURGICAL IMAGES. Alcon Inc.
- 3609413** HYDRODYNAMIC VORTEX ASPIRATION CATHETER. The Regents of The University of Michigan
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- 3609429** ROLLER BEARING AND MEDICAL OR DENTAL FLUID-DRIVEN HANDPIECE. W & H Dentalwerk Bürmoos GmbH
- 3609450** DEVICE CONFIGURED TO TRANSPORT A HUMAN BODY. Retter Medical Holding B.V.
- 3609478** NANOSYSTEMS COMPRISING SILVER AND ANTIBIOTICS AND THEIR USE FOR THE TREATMENT OF BACTERIAL INFECTIONS. Laboratorios Enosán, S.L.
- 3609542** ADENO-ASSOCIATED VIRUS LIBRARY. Ruprecht-Karls-Universität Heidelberg
- 3609555** PROCESS FOR PRODUCTION OF PRE-FILLED ENEMAS. Brevetti Angela S.r.L.
- 3609559** CONTROLLED DELIVERY SYRINGE DEVICE. Becton, Dickinson and Company
- 3609634** MULTI-PIECE ROLLING TOOL WITH FLOATING SUPPORT AND ROLLING MACHINE. KAMAX Holding GmbH & Co. KG
- 3609637** DIE-CASTING MACHINE WITH AUTOMATIC AIR PURGE SYSTEM. ITALPRESSEGAUSS S.P.A.
- 3609660** RAZOR HEAD CONVERTER. BIC Violex Single Member S.A.
- 3609667** SEMI-FINISHED PRODUCT AND METHOD FOR MANUFACTURING A SEMI-FINISHED PRODUCT HAVING AT LEAST ONE MICROCOMPONENT. BETA Beratungs- und Beteiligungs-GmbH
- 3609674** ADAPTABLE BLOW MOLD. Krones AG
- 3609685** SYSTEMS AND METHODS FOR EXTRUSION CONTROL IN THREE-DIMENSIONAL (3D) PRINTING. Desktop Metal, Inc.
- 3609748** AUTONOMOUS CLEANING SYSTEM FOR A MOTOR VEHICLE. Continental Automotive Technologies GmbH
- 3609781** AIRCRAFT UPLOCK. Airbus Operations Limited
- 3609791** CONTAINER INTENDED FOR VACUUM-STORAGE OF FOODS, COVER, ASSEMBLY COMPRISING THE CONTAINER AND THE COVER AND SYSTEM FOR VACUUM-PACKING FOODS. BIOTYFOOD
- 3609804** STAND-UP PACKAGING. Société des Produits Nestlé S.A.
- 3609847** DOMESTIC ELECTRICAL APPLIANCE COMPRISING MEANS FOR HEATING WATER AND A DEVICE FOR RELEASING AN ANTI-SCALING AGENT IN WATER. SEB S.A.
- 3609859** CHIRAL METAL COMPLEX COMPOUNDS. F. Hoffmann-La Roche AG
- 3609883** FLUORINE-SUBSTITUTED INDAZOLE COMPOUNDS AND USES THEREOF. Sunshine Lake Pharma Co., Ltd.
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- 3609904** ANTI-BACTERIAL PEPTIDE MACROCYCLES AND USE THEREOF. F. Hoffmann-La Roche AG
- 3609905** PEPTIDE MACROCYCLES AND USE THEREOF IN THE TREATMENT OF BACTERIAL INFECTIONS. F. Hoffmann-La Roche AG
- 3609947** MONOMERIC BALANCE CONTROL IN THE PREPARATION OF PRECURSORS FOR POLYAMIDATION PROCESSES. INVISTA Textiles (U.K.) Limited
- 3609967** DURABLE LOW EMISSIVITY WINDOW FILM CONSTRUCTIONS. 3M Innovative Properties Company
- 3609986** ALKOXYLATED AMINES AS FUEL ADDITIVE. BASF SE
- 3609989** LUBRICANT COMPOSITION, IN PARTICULAR FOR LIMITING FRICTION. Centre National de la Recherche Scientifique; Ecole Centrale de Lyon; Total Marketing Services
- 3610034** SAMPLE PREPARATION METHODS, SYSTEMS AND COMPOSITIONS. Karius, Inc.
- 3610046** DEVICE AND METHOD FOR PRODUCING PURIFIED, ESPECIALLY HIGH-PURITY, MAGNESIUM. Biotronik AG
- 3610092** REINFORCING ROD FOR INSERTION IN A CONCRETE MATRIX AND PRODUCTION METHOD THEREFOR, A REINFORCEMENT SYSTEM MADE FROM A PLURALITY OF REINFORCING RODS, AND A CONCRETE COMPONENT. Technische Universität Dresden
- 3610095** WIND PROTECTION DEVICE FOR A BUILDING. ELEMENTAL ENGINEERING AG
- 3610116** IMPROVED GLAZING FRAMING SYSTEM AND METHOD. Kygee Pty Ltd
- 3610120** LADDER INCORPORATING BRACES AND RELATED METHOD. Little Giant Ladder Systems, LLC
- 3610124** TWO-MATERIAL P&A PLUG. ConocoPhillips Company
- 3610129** DETERMINING ANGULAR OFFSET BETWEEN GEOMAGNETIC AND GRAVITATIONAL FIELDS WHILE DRILLING WELLBORE. Weatherford Technology Holdings, LLC
- 3610139** A METHOD FOR CONTROLLING THE OIL PRESSURE OF AN OIL PUMP IN A COMBUSTION ENGINE AND AN OIL PRESSURE ARRANGEMENT. Volvo Truck Corporation
- 3610149** TURBOPUMP ASSEMBLY FOR A CLOSED CIRCUIT, PARTICULARLY OF THE RANKINE CYCLE TYPE, ASSOCIATED WITH AN INTERNAL COMBUSTION ENGINE, IN PARTICULAR FOR A MOTOR VEHICLE. IFP Energies nouvelles; Enogia
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- 3610154** ECCENTRIC SCREW PUMP. NETZSCH Pumpen & Systeme GmbH
- 3610155** MAGNETIC COUPLING ASSEMBLY. FSubsea AS
- 3610162** ANTI-VIBRATION COUPLING SYSTEM FOR A COVER OF AN INTERNAL COMBUSTION ENGINE. Sapa S.P.A.
- 3610176** ASSEMBLY COMPRISING A PLANETARY GEARSET. Safran Transmission Systems
- 3610236** MASS-BALANCE MEANS AND ROTARY MICROTOME HAVING SAME. Leica Microsystems Ltd., Shanghai
- 3610244** LIQUID CELL FOR THE MICROSCOPIC IMAGING AND RAMAN SPECTROSCOPIC MATERIAL ANALYSIS OF PARTICLES SUSPENSIONS. rap.ID Particle Systems GmbH
- 3610267** SINGLE-CELL IMAGING MASS SPECTROMETRY. European Molecular Biology Laboratory
- 3610284** DETERMINATION OF LOCALIZATION VIABILITY METRICS FOR LANDMARKS. X Development LLC
- 3610289** PROCESSING UNIT FOR A SONAR SYSTEM FOR PROCESSING HYDROPHONE SIGNALS AND SONAR SYSTEM AND METHOD. ATLAS ELEKTRONIK GmbH
- 3610290** ROBUST AND ACCURATE CLOSE RANGE DETECTION FOR ULTRASONIC LEVEL MEASUREMENT. Siemens Aktiengesellschaft
- 3610291** METHOD OF HUMAN BODY RECOGNITION AND HUMAN BODY RECOGNITION SENSOR. BEA S.A.
- 3610327** METHOD OF IMPROVING LIGHT STABILITY OF FLEXOGRAPHIC PRINTING PLATES FEATURING FLAT TOP DOTS. Macdermid Graphics Solutions, LLC
- 3610360** ELECTRONIC SYSTEM FOR AMENDING AND STUDYING CODES OF REGULATION. Easystudy S.r.l.
- 3610399** ENABLING PROGRAM CODE ON TARGET DATA PROCESSING DEVICES. Secure Thingz Limited
- 3610401** STORING DATA ON TARGET DATA PROCESSING DEVICES. Secure Thingz Limited
- 3610403** ISOLATED CONTAINER EVENT MONITORING. Microsoft Technology Licensing, LLC
- 3610426** AGRONOMY CALCULATOR TOOL AND METHOD. Decisive Farming Corp.
- 3610491** VARIABLE VACUUM CAPACITOR AND COOLING METHOD. Comet AG
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- 3610521** PROTECTIVE FILMS FOR PRINTED ELECTROCHEMICAL CELLS AND METHODS OF PACKAGING ELECTROCHEMICAL CELLS. Imprint Energy, Inc.
- 3610542** SYSTEM FOR CONNECTING SUBMARINE CABLES. NAVAL Group
- 3610576** PIPELINED FORWARD ERROR CORRECTION FOR VECTOR SIGNALING CODE CHANNEL. Kandou Labs, S.A.
- 3610601** BAND-DEPENDENT CONFIGURATION FOR SYNCHRONIZATION. QUALCOMM Incorporated
- 3610604** HARDWARE-TRUSTED WIRELESS DATA COMMUNICATIONS OVER A WIRELESS RELAY. T-Mobile Innovations LLC
- 3610613** TIME-SENSITIVE NETWORKING DIFFERENTIATION OF TRAFFIC BASED UPON CONTENT. General Electric Company
- 3610614** TIME SENSITIVE NETWORK (TSN) SCHEDULER WITH VERIFICATION. General Electric Company (a New York Corporation)
- 3610629** ACTIVITY FEED SERVICE. Microsoft Technology Licensing, LLC
- 3610645** EFFICIENT IMPLEMENTATION OF JOINT BILATERAL FILTER. Ultra-D Coöperatief U.A.
- 3610671** UPLINK TRIGGERED CELL HANDOVER CONTROL. Telefonaktiebolaget LM Ericsson (Publ)
- 3610691** MULTI-BIT SCHEDULING REQUEST. QUALCOMM Incorporated
- 3610744** DEVICE FOR CLEANING SMOKING MEMBER, AND SMOKING MEMBER SYSTEM. KT & G Corporation
- 3610793** PHYSIOLOGICAL STATE ASSESSMENT APPARATUS. Daikin Industries, Ltd.; Tokyo Institute of Technology
- 3610811** TISSUE RESECTING SYSTEMS. Minerva Surgical, Inc.
- 3610841** SQUEEZE BOTTLE. Rohto Pharmaceutical Co., Ltd.
- 3610847** SKIN CLEANSER COMPOSITION. Kao Corporation
- 3610852** KERATIN PLUG REMOVAL METHOD. Kao Corporation
- 3610904** BLOOD PURIFICATION APPARATUS. Nikkiso Company Limited
- 3611011** SYSTEM AND METHOD FOR FORMING THREE-DIMENSIONAL STRUCTURES. NIKE Innovate C.V.
- 3611034** ELASTOMER-METAL CORD COMPOSITE AND TIRE USING SAME. Bridgestone Corporation
- 3611071** ENERGY-ABSORBING ANTI-CREEPER AND TRAIN VEHICLE WITH ENERGY-ABSORBING ANTI-CREEPER. CRRC Qingdao Sifang Co., Ltd.
- 3611110** HINGE CAP. Nippon Closures Co., Ltd.
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- 3611120** CONDITION DISPLAY DEVICE, AND THREAD-WINDING APPARATUS. Murata Machinery, Ltd.
- 3611160** AMMONIUM CARBOXYLATE COMPOUND, CRYSTAL FORM AND AMORPHOUS SUBSTANCE THEREOF, AND PREPARATION METHOD THEREFOR. Wuhan LL Science And Technology Development Co., Ltd.
- 3611166** PYRIDONE COMPOUND, AND AGRICULTURAL AND HORTICULTURAL FUNGICIDE HAVING THIS AS ACTIVE COMPONENT. Mitsui Chemicals Agro, Inc.
- 3611174** [1,2,4]TRIAZOLO[1,5-C]PYRIMIDINE DERIVATIVE AS A2A RECEPTOR INHIBITOR. Medshine Discovery Inc.
- 3611227** CURABLE RESIN COMPOSITION, FUEL CELL USING SAME, AND SEALING METHOD. ThreeBond Co., Ltd.
- 3611278** METHOD FOR PRODUCING METAL INGOT. Nippon Steel Corporation
- 3611292** Sn-PLATED STEEL SHEET AND METHOD FOR MANUFACTURING Sn-PLATED STEEL SHEET. Nippon Steel Corporation
- 3611388** CONTROL DEVICE FOR HYDRAULIC MACHINE. Yanmar Power Technology Co., Ltd.
- 3611438** AIR CONDITIONING VENTILATION DEVICE AND CONTROL METHOD. Mitsubishi Electric Corporation
- 3611469** DRIVING CONTROL METHOD AND DRIVING CONTROL DEVICE. Nissan Motor Co., Ltd.
- 3611505** ACCURATE, RAPID AND CONVENIENT SINGLE-STEP DISEASE DIAGNOSTIC METHOD USING SELF-AMPLIFICATION PRINCIPLE OF DETECTION SIGNAL. Cellemedy Co., Ltd
- 3611590** METHOD FOR CREATING GRID MAP OF INTELLIGENT ROBOT. Amicro Semiconductor Co., Ltd.
- 3611729** BANDWIDTH EXTENSION METHOD AND APPARATUS. Huawei Technologies Co., Ltd.
- 3611748** CONTACT DEVICE, ELECTROMAGNETIC RELAY AND ELECTRICAL EQUIPMENT. Panasonic Intellectual Property Management Co., Ltd.
- 3611856** METHOD AND APPARATUS FOR TRANSMITTING SIDELINK SIGNAL IN WIRELESS COMMUNICATION SYSTEM. LG Electronics Inc.
- 3611884** PACKAGING METHOD, DEVICE AND NODE. ZTE Corporation
- 3611938** SPEAKER ELEMENT AND ARRAY SPEAKER. I-PEX Inc.
- 3611963** METHOD AND DEVICE FOR SWITCHING CELLS AND USER EQUIPMENT. Beijing Xiaomi Mobile Software Co., Ltd.
- 3612013** MOUNTING HEAD. Fuji Corporation
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- 3612060** DONNING AID FOR A SLIDE FASTENER SLIDER. Heise, Rudolf; gripOne GbR Handel und Vertrieb Werbeatikel
- 3612071** SUCTION CLEANER. Techtronic Floor Care Technology Limited
- 3612072** SUCTION CLEANER. Techtronic Floor Care Technology Limited
- 3612073** SUCTION CLEANER. Techtronic Floor Care Technology Limited
- 3612074** SUCTION CLEANER. Techtronic Floor Care Technology Limited
- 3612076** SUCTION CLEANER. Techtronic Floor Care Technology Limited
- 3612095** BEAM HARDENING CORRECTION IN X-RAY DARK-FIELD IMAGING. Koninklijke Philips N.V.
- 3612098** RESPIRATORY GATING USING PULSE OXIMETERS FOR TOMOGRAPHIC IMAGING. Koninklijke Philips N.V.
- 3612112** SELF-ADJUSTABLE PECTUS RECONSTRUCTION SYSTEM. Su, Sea-Quan; Su, Susan Bing
- 3612145** BIOBASED SUPER-ABSORBING POLYMERS. Technische Universiteit Delft
- 3612174** METHODS AND PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF DISEASES ASSOCIATED WITH REDUCED CFTR FUNCTION. Etablissement français du sang (EFS); Centre Hospitalier Régional et Universitaire de Brest; Institut National de la Santé et de la Recherche Médicale (INSERM); Université de Bretagne Occidentale
- 3612227** AN OXYGEN-ENABLED COMPOSITION. Baylor University
- 3612259** UNIT DOSE DRY POWDER INHALER. Respira Therapeutics, Inc.
- 3612271** DEVICE FOR STIMULATING THE MEIBOMIAN GLANDS. Espansione Marketing S.p.A.
- 3612286** METHOD FOR PROCESSING REACTOR POLYMERIZATION EFFLUENT. Chevron Phillips Chemical Company LP
- 3612290** WATER EXTRACTION DEVICE AND METHOD FOR EXTRACTING WATER. Hochschule Karlsruhe Technik und Wirtschaft
- 3612313** ELECTROSTATIC ATOMIZER FOR LIQUIDS AND METHOD FOR OPERATING AN ELECTROSTATIC ATOMIZER. J. Wagner GmbH
- 3612317** FAN SPRAY DEVICE. Birchmeier Sprühtechnik AG
- 3612318** ERGONOMIC SPRAY ACTUATOR AND A METHOD OF DISPENSING A COMPOSITION USING A SPRAY ACTUATOR. The Procter & Gamble Company
- 3612320** PRESSURE CLEANING DEVICE, METHOD FOR OPERATING A PRESSURE CLEANING DEVICE AND METHOD FOR DETECTING A HOSE ATTACHMENT. Robert Bosch GmbH
- 3612322** DISPENSING SYSTEM. Nordson Corporation
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- 3612324** METHOD FOR IDENTIFYING ARTICLES WITH A LUMINESCENT MARKER FOR RECYCLING. Brunel University London
- 3612344** SELF RECOGNITION CNC MACHINING. The Nordam Group LLC
- 3612352** DUST COVER FOR A CUTTING GRINDER. Hilti Aktiengesellschaft
- 3612353** ELECTRIC PULSE TOOL. Atlas Copco Industrial Technique AB
- 3612393** RECIRCULATION OF A FLUID IN A PRINTER. Hewlett-Packard Development Company, L.P.
- 3612409** DRIVE MODULE AND LINEAR TRANSPORT SYSTEM. Beckhoff Automation GmbH
- 3612410** PATH CORRECTION OF A VEHICLE RELATIVE TO PROJECTED MAGNETIC FLIGHT PATH. Skytran, Inc.
- 3612419** METHOD FOR GENERATING BRAKING POWER BY ACTUATING AT LEAST ONE ELECTRIC BRAKING MOTOR IN A VEHICLE PARKING BRAKE. Robert Bosch GmbH
- 3612420** A DEVICE/METHOD FOR PARKING BRAKE ASSISTANCE. Volvo Truck Corporation
- 3612425** SECURE SYSTEM THAT INCLUDES DRIVING RELATED SYSTEMS. Mobileye Vision Technologies Ltd.
- 3612432** ADJUSTMENT DRIVE FOR A STEERING COLUMN, DRIVE UNIT FOR AN ADJUSTMENT DRIVE, MOTOR-ADJUSTABLE STEERING COLUMN FOR A MOTOR VEHICLE, AND METHOD FOR PRODUCING AN ADJUSTMENT DRIVE FOR A STEERING COLUMN. thyssenkrupp Presta AG; thyssenkrupp AG
- 3612467** CONTAINER WITH DEFORMATION RESISTANT DOME PROFILE. Can Forming Technologies, LLC
- 3612482** DEVICE AND METHOD FOR EJECTING BLANKING SAMPLES, DISCHARGE STATION AND MACHINE FOR TREATING ELEMENTS IN SHEET FORM. BOBST MEX SA
- 3612483** DEVICE AND METHOD FOR CHECKING BLANK SAMPLES, DISCHARGE STATION, AND MACHINE FOR TREATING ELEMENTS IN SHEET FORM. BOBST MEX SA
- 3612484** DEVICE FOR RECOVERING BLANKING SAMPLES, DISCHARGE STATION AND MACHINE FOR TREATING ELEMENTS IN SHEET FORM. BOBST MEX SA
- 3612495** SULFUR PRODUCTION. Breakthrough Technologies, LLC
- 3612510** ALPHA ALKYLATION OF ALDEHYDE WITH A POLYCYCLIC OLEFIN. Firmenich SA
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- 3612515** PROCESS FOR PURIFYING ALKANESULFONIC ANHYDRIDE AND PROCESS FOR PRODUCING ALKANESULFONIC ACID USING THE PURIFIED ALKANESULFONIC ANHYDRIDE. BASF SE
- 3612527** HETEROCYCLIC COMPOUNDS USEFUL AS MODULATORS OF ACETYLCHOLINE RECEPTORS. Takeda Pharmaceutical Company Limited
- 3612543** AZITHROMYCIN DERIVATIVES CONTAINING A PHOSPHONIUM ION AS ANTICANCER AGENTS. Rising Tide Foundation
- 3612544** AZITHROMYCIN DERIVATIVES CONTAINING A PHOSPHONIUM ION AS ANTICANCER AGENTS. Rising Tide Foundation
- 3612609** ADHESIVE COMPOSITIONS. Henkel AG & Co. KGaA
- 3612616** SOLID BITUMEN AT AMBIENT TEMPERATURE. TotalEnergies OneTech
- 3612628** IN SILICO DESIGN OF MAMMALIAN PROMOTERS WITH USER-DEFINED FUNCTIONALITY. MedImmune Limited
- 3612647** NANOPORE/NANOWELL ELECTRODE ENABLED EXONUCLEASE SEQUENCING. Electronic Biosciences Inc.
- 3612649** COOLING SYSTEM FOR A SURFACE OF A METALLURGICAL FURNACE. Systems Spray-Cooled, Inc.
- 3612650** HIGH STRENGTH STEEL SHEET HAVING EXCELLENT DUCTILITY AND STRETCH FLANGEABILITY. Tata Steel Nederland Technology B.V.
- 3612657** HIGH FORMABILITY STEEL SHEET FOR THE MANUFACTURE OF LIGHTWEIGHT STRUCTURAL PARTS AND MANUFACTURING PROCESS. Arcelormittal
- 3612671** SHAPE KNIT FABRIC AND USE OF A SHAPE KNIT FABRIC. Pilz GmbH & Co. KG
- 3612677** SYSTEM FOR FASTENING A RAIL, METHODS FOR PRODUCING A FASTENING AND A SUPPORT SYSTEM FOR A RAIL AND USE OF A RAIL FASTENING SYSTEM. Sika Technology AG
- 3612678** VIBRATION UNIT FOR RAIL WORKHEAD. Harsco Technologies LLC
- 3612683** LOADER LIFT ARM ASSEMBLY FOR A POWER MACHINE. Clark Equipment Company
- 3612694** MOTOR VEHICLE DOOR LATCH. Kiekert AG
- 3612706** REMOTE OPERATED VEHICLE REMOVABLE FLEXIBLE JOINT ELASTOMER PROTECTION TOOL. Oil States Industries, Inc.
- 3612729** CABLE FOR THE STATIONARY ATTACHMENT OF A HIGH-ALTITUDE WIND TURBINE. Sanfritsch GmbH
- 3612736** ELECTROHYDRAULIC SYSTEM FOR UNDER WATER USE, WITH AN ELECTROHYDRAULIC ACTUATOR. Robert Bosch GmbH
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- 3612737** FASTENING METHOD AND FASTENING SYSTEM. Hilti Aktiengesellschaft
- 3612754** A HYDRAULIC SYSTEM FOR A VEHICLE AND A VEHICLE TRANSMISSION. Punch Powertrain PSA e-transmissions NV
- 3612782** EVAPORATOR HAVING AN OPTIMIZED VAPORIZATION INTERFACE. Euro Heat Pipes
- 3612790** ACTIVE HYPERSPECTRAL IMAGER. DRS Network & Imaging Systems, LLC
- 3612803** APPARATUS FOR MEASURING GAS FLOW SPEED OR GAS FLOW RATE. Centre National de la Recherche Scientifique
- 3612808** APPARATUS FOR SAMPLING SURFACES. Institute for Environmental Health, Inc.
- 3612835** METHOD FOR DETECTING THE RANCIDITY OF OILSEEDS, SEEDS AND NUTS. Insort GmbH; Technische Universität Graz
- 3612837** METHOD OF DETERMINING THE STABILITY RESERVE AND SOLUBILITY PARAMETERS OF A PROCESS STREAM CONTAINING ASPHALTENES BY JOINT USE OF TURBIDIMETRIC METHOD AND REFRACTIVE INDEX. Baker Hughes Holdings LLC
- 3612840** METHOD OF DETERMINING TOXICITY OF AN IMMUNOMODULATORY DRUG FOR USE IN HUMANS. The Jackson Laboratory
- 3612844** DEVICE FOR PACKAGING BALLS FOR REACTION VESSELS FOR AN ANALYSIS APPLIANCE. Diagnostica Stago
- 3612850** BATTERY ELECTROMECHANICAL SWITCHING DEVICE DIAGNOSTICS SYSTEM AND METHODS. CPS Technology Holdings LLC
- 3612909** COMPUTING DEVICE ANTENNA. Hewlett-Packard Development Company, L.P.
- 3612912** METHOD FOR READING A VIDEO STREAM. Viaccess
- 3612918** DETECTING MULTIPLE MANUAL INTERACTIONS. Peratech Holdco Ltd
- 3612990** POWER-EFFICIENT DEEP NEURAL NETWORK MODULE CONFIGURED FOR LAYER AND OPERATION FENCING AND DEPENDENCY MANAGEMENT. Microsoft Technology Licensing, LLC
- 3613034** SURFACE TRIM FOR ACOUSTIC ABSORPTION. Office National d'Etudes et de Recherches Aérospatiales
- 3613042** NON-HARMONIC SPEECH DETECTION AND BANDWIDTH EXTENSION IN A MULTI-SOURCE ENVIRONMENT. Qualcomm Incorporated
- 3613046** SYSTEM AND METHOD FOR AUTOMATIC SPEECH ANALYSIS. Oxford University Innovation Limited
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- 3613049** METHODS FOR PREPARING OPTIMAL COMBINATION OF OLIGONUCLEOTIDES. Seegene, Inc.
- 3613064** MULTI-LAYER COMPONENT AND METHOD FOR PRODUCING A MULTI-LAYER COMPONENT. TDK Electronics AG
- 3613074** METHOD FOR JOINING A MICROELECTRONIC CHIP TO A WIRE ELEMENT. PRIMO1D
- 3613092** SUPPORT FOR VEHICLE BATTERY CAPS AND BATTERY TRAY COMPRISING SUCH A SUPPORT. Renault s.a.s
- 3613108** HOLDING FRAME FOR A HEAVY PLUG-TYPE CONNECTOR. Harting Electric GmbH & Co. KG
- 3613137** POWER GENERATION SYSTEM AND METHOD. ABB Schweiz AG
- 3613170** PROCESSING BLOCKCHAIN DATA BASED ON SMART CONTRACT OPERATIONS EXECUTED IN A TRUSTED EXECUTION ENVIRONMENT. Advanced New Technologies Co., Ltd.
- 3613176** ENDPOINT CONFIGURATION FOR A COMMUNICATION SESSION. Microsoft Technology Licensing, LLC
- 3613190** USING SMART GROUPS FOR COMPUTER-BASED SECURITY AWARENESS TRAINING SYSTEMS. Knowbe4, Inc.
- 3613199** OPERATING MODE NOTIFICATION FOR WIRELESS COMMUNICATION NETWORKS. Marvell World Trade Ltd.
- 3613231** GROUP BASED CONTEXT AND SECURITY FOR MASSIVE INTERNET OF THINGS DEVICES. Apple Inc.
- 3613243** COMMUNICATION TECHNIQUES USING QUASI-STATIC PROPERTIES OF WIRELESS CHANNELS. Cohere Technologies, Inc.
- 3613259** HAND-HELD INDUCTION BONDING TOOL. OMG, Inc.
- 3613391** METHOD OF MANUFACTURING ABSORBENT ARTICLE. Unicharm Corporation
- 3613403** METHOD FOR PRODUCING COATING FILM. Kao Corporation
- 3613528** WELDING POWER SUPPLY DEVICE. DAIHEN Corporation
- 3613530** ARC WELDING DEVICE AND ARC WELDING METHOD. Daihen Corporation
- 3613574** MULTI-SHAFT LAMINATED SPIRAL SOLID-LIQUID SEPARATOR WITH PENDULUM MOTION. Wu, Yunping
- 3613585** FIBER-REINFORCED COMPOSITE MATERIAL MOLDED ARTICLE AND METHOD FOR PRODUCING SAME. Mitsubishi Chemical Corporation
- 3613586** LAMINATE AND WOUND BODY. Nitto Denko Corporation
- 3613587** LAMINATE AND ROLL. Nitto Denko Corporation
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- 3613710** COMPOSITION FOR GLASS, ALKALI ALUMINOSILICATE GLASS, AND PREPARATION METHOD THEREFOR AND APPLICATIONS THEREOF. Tunghsu Technology Group Co., Ltd.; Tunghsu Group Co., Ltd.
- 3613720** WATER ABSORPTION PREVENTING MATERIAL FOR INORGANIC POROUS MATERIAL, METHOD FOR MODIFYING CONCRETE, AND CONCRETE. Dow Toray Co., Ltd.; Dow Silicones Corporation
- 3613733** NOVEL CRYSTALLINE SOLID COMPOUND OF 3-PHENYL-4-PROPYL-1-(PYRIDIN-2-YL)-1H-PYRAZOL-5-OL HYDROCHLORIDE. Aptabio Therapeutics Inc.
- 3613735** NOVEL SIRT 1 ACTIVATOR AND MEDICINAL USE THEREOF. Pusan National University Industry - University Cooperation Foundation
- 3613800** METHOD FOR MANUFACTURING ION EXCHANGE MEMBRANE USING CHEMICAL MODIFICATION AND ION EXCHANGE MEMBRANE MANUFACTURED THEREBY. Dankook University Cheonan Campus Industry Academic Cooperation
- 3613801** POLYPROPYLENE RESIN FOAMED PARTICLES AND METHOD FOR PRODUCING SAME. Kaneka Corporation
- 3613816** AQUEOUS INKJET INK AND METHOD FOR PRODUCING PRINTED ITEM. Toyo Ink SC Holdings Co., Ltd.; Toyocolor Co., Ltd.
- 3613866** AL-SI-FE ALUMINUM ALLOY CASTING MATERIAL AND PRODUCTION METHOD THEREFOR. Nippon Light Metal Company, Ltd.
- 3613889** WASHING ADDITIVE BOX AND WASHING MACHINE. Qingdao Haier Drum Washing Machine Co., Ltd.
- 3613941** HYDRAULIC CONNECTOR AND METHOD FOR ACHIEVING A HYDRAULIC CONNECTION. FMC Technologies Do Brasil LTDA
- 3613963** INTERNAL COMBUSTION ENGINE CONTROL METHOD AND INTERNAL COMBUSTION ENGINE CONTROL DEVICE. Renault s.a.s; NISSAN MOTOR CO., LTD.
- 3613987** VACUUM PUMP, MAGNETIC BEARING DEVICE, AND ROTOR. Edwards Japan Limited
- 3614041** LIGHTING DEVICE. LG Innotek Co., Ltd.
- 3614118** SYSTEM FOR TESTING COMPREHENSIVE PERFORMANCE OF DRIVERLESS VEHICLE. Shanghai Digauto Automobile Technology Co., Ltd
- 3614147** METHOD OF DETECTING SPECIMEN SUBSTANCE USING MULTIPHASE POLYMER FINE PARTICLES. Haplopharma Inc.; Tohoku University
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- 3614183** ANTI-REFLECTION OPTICAL FILTER AND ORGANIC LIGHT-EMITTING DEVICE. LG Chem, Ltd.
- 3614287** DIGITAL DNA SEQUENCE. GoSecure Inc.
- 3614376** SPEECH SYNTHESIS METHOD, SERVER AND STORAGE MEDIUM.  
Tencent Technology (Shenzhen) Company Limited
- 3614436** SOLID-STATE IMAGING ELEMENT AND METHOD FOR  
MANUFACTURING SOLID-STATE IMAGING ELEMENT. Toppan Printing  
Co., Ltd.
- 3614495** ANTENNA APPARATUS FOR VEHICLE. LS Mtron Ltd.
- 3614547** FILTER MODULE FOR POWER CONVERSION DEVICE. Mitsubishi Electric  
Corporation
- 3614553** POWER CONVERSION DEVICE. TOSHIBA MITSUBISHI-ELECTRIC  
INDUSTRIAL SYSTEMS CORPORATION
- 3614599** METHOD USED TO REQUEST SYSTEM INFORMATION, APPARATUS,  
USER EQUIPMENT AND BASE STATION. Beijing Xiaomi Mobile Software  
Co., Ltd.
- 3614641** METHOD AND DEVICE FOR EQUIPMENT MANAGEMENT. Beijing  
Xiaomi Mobile Software Co., Ltd.
- 3614654** IMS PARAMETER CONFIGURATION METHOD, SYSTEM AND MOBILE  
TERMINAL. Tcl Communications (Ningbo) Co., Ltd.
- 3614696** BEAM FORMER, BEAM FORMING METHOD AND HEARING AID  
SYSTEM. Starkey Laboratories, Inc.
- 3614713** V2X COMMUNICATION DEVICE AND DATA COMMUNICATION  
METHOD THEREOF. LG Electronics Inc.
- 3614765** RESOURCE SCHEDULING METHOD AND DEVICE. Huawei Technologies  
Co., Ltd.
- 3614819** COMPONENT SUPPLY DEVICE, AND METHOD FOR MOVING PALLET.  
Fuji Corporation
- 3614900** APPARATUSES AND METHODS FOR ENDOSCOPIC CONNECTION. Hoya  
Corporation
- 3614904** SYSTEM AND METHOD FOR MULTI-SCALE RETINAL IMAGING.  
Imagine Eyes
- 3614937** SURGICAL INSTRUMENT OF TWO-BRANCH DESIGN WITH IMPROVED  
CLEANING SUITABILITY. Aesculap AG
- 3614944** SYSTEMS FOR SIGNAL GENERATION. Farapulse, Inc.
- 3614988** PATIENT REPOSITIONING SHEET AND SLING. Medline Industries, Inc.
- 3614989** INTERFACE SYSTEM IN AN EXOSKELETON. Ossur Iceland EHF
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- 3614999** ODORLESS THIOLS FOR PERMANENT WAVING, STRAIGHTENING AND DEPILATORY APPLICATIONS. The Procter & Gamble Company
- 3615042** COMPOSITION CONTAINING A CHLORIDE SALT FOR USE IN PREGNANT ANIMALS. Nutreco IP Assets B.V.
- 3615052** USE OF HCN INHIBITORS FOR TREATMENT OF CANCER. The University of Hong Kong
- 3615128** APPARATUS, SYSTEM AND METHOD FOR FLUID DELIVERY. DEKA Products Limited Partnership
- 3615132** COCHLEAR IMPLANTS HAVING IMPACT RESISTANT MRI-COMPATIBLE MAGNET APPARATUS. Advanced Bionics AG
- 3615135** SPINAL IMPLANT SYSTEM. Warsaw Orthopedic, Inc.
- 3615148** COMPOSITIONS WITH A THICKENING POLYMER. The Procter & Gamble Company
- 3615150** ODOR NEUTRALIZER FOR AMMONIA AND PRIMARY OR SECONDARY AMINES. Firmenich SA
- 3615153** STREAMING OF AUGMENTED/VIRTUAL REALITY SPATIAL AUDIO/VIDEO. Microsoft Technology Licensing, LLC
- 3615160** BUILDING BLOCKS AND BUILDING BLOCK ASSEMBLIES. Wong, Yeung
- 3615161** MOTION SIMULATION AMUSEMENT PARK ATTRACTION. Universal City Studios LLC
- 3615169** SEPARATING ELEMENT. Sarstedt Aktiengesellschaft & Co. KG
- 3615176** AIR FILTRATION MONITORING BASED ON THERMOELECTRIC DEVICES. 3M Innovative Properties Company
- 3615230** ULTRASOUND PROBE WITH THIN FILM FLEX CIRCUIT AND METHOD OF PROVIDING SAME. General Electric Company
- 3615233** DEVICE AND METHOD FOR TRANSFER OF PIECE GOODS. Siemens Aktiengesellschaft
- 3615256** HEAD-WORN DEVICES WITH CONTROL OF MEDIATED REALITY WELDING SYSTEM BASED ON LIGHTING CONDITIONS. Illinois Tool Works Inc.
- 3615269** MACHINE TOOL WITH ADJUSTABLE HANDLE ASSEMBLY. Hilti Aktiengesellschaft
- 3615286** SYSTEMS AND METHODS FOR MEASURING AND ADJUSTING GATE OPENINGS OF SLICING MACHINES. Urschel Laboratories, Inc.
- 3615317** MOBILE MEMBRANE PRESS. Seilpartner Windkraft GmbH
- 3615329** CLAD ALUMINUM ALLOY PRODUCTS. Novelis Inc.
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- 3615341** DEVICE AND METHOD FOR PRODUCING A TEXTURED COATING.  
ACTEGA Schmid Rhyner AG
- 3615342** SYSTEM AND METHOD FOR COATING A LENS. Transitions Optical, Ltd.
- 3615346** METHOD FOR PRINTING NON-ABSORBENT SUBSTRATES WITH A  
WATER-BASED INK. Koenig & Bauer Metalprint GmbH
- 3615347** SECURITY INLAY FOR AN IDENTITY DOCUMENT AND METHOD FOR  
PRODUCING A SECURITY INLAY FOR AN IDENTITY DOCUMENT.  
Muehlbauer GmbH & Co. KG
- 3615351** TIRE WITH SPOKE LOOPS. Bridgestone Americas Tire Operations, LLC
- 3615392** HYDRODYNAMIC RETARDER SYSTEM AND METHOD OF  
CONTROLLING A HYDRODYNAMIC RETARDER SYSTEM. Dana Belgium  
N.V.
- 3615396** RAILWAY VEHICLE. Siemens Mobility GmbH
- 3615407** MOTOR CONTROL SYSTEM FOR MULTI-TRACK CYCLE WITH  
ELECTRIC TRANSMISSION AND ELECTRIC ASSISTANCE. PODBIKE AS
- 3615421** WING FOR AN AIRCRAFT. Airbus Operations GmbH
- 3615450** FLEXIBLE CONTAINER. Dow Global Technologies LLC
- 3615478** BIOREACTOR WITH MOVING CARRIERS. Clewer Aquaculture Oy
- 3615486** ARTICLE INTENDED TO BE TEMPERED THAT IS PROTECTED BY A  
TEMPORARY LAYER. SAINT-GOBAIN GLASS FRANCE
- 3615487** ITEM PROTECTED BY A ROUGH TEMPORARY PROTECTIVE COVER.  
SAINT-GOBAIN GLASS FRANCE
- 3615497** REMOVAL OF ALKYNE IMPURITIES FROM DIOLEFIN CONTAINING  
MIXTURES THROUGH CRACKING OVER CUO/AL<sub>2</sub>O<sub>3</sub> BASED  
MATERIALS. SABIC Global Technologies B.V.
- 3615511** LIPOPEPTIDE COMPOUNDS FOR THE TREATMENT OF PAIN  
DISORDERS. Ecole Nationale Vétérinaire de Toulouse; INSERM - Institut  
National de la Santé et de la Recherche Médicale; Université Paul Sabatier  
Toulouse III; Centre National de la Recherche Scientifique CNRS; Centre  
Hospitalier Universitaire de Toulouse; Institut national de recherche pour  
l'agriculture, l'alimentation et l'environnement; Université de Montpellier; Ecole  
Nationale Supérieure de Chimie de Montpellier
- 3615513** METHODS OF MANUFACTURING OF NIRAPARIB. Tesaro, Inc.
- 3615524** NOVEL GLP-1 RECEPTOR MODULATORS. RECEPTOS LLC
- 3615535** 9-(2-OXACYCLOALKYL)-9H-PURINE-2,6-DIAMINE DERIVATIVES AND  
THEIR USE FOR THE TREATMENT OF SKIN DISORDERS. Univerzita  
Palackého v Olomouci
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- 3615540** CONDENSED BICYCLIC HETEROCYCLE DERIVATIVES AS PESTICIDES. Bayer Aktiengesellschaft
- 3615580** A COMPOSITION USED IN 3D PRINTING SYSTEM, ITS APPLICATION THEREOF. BASF SE
- 3615600** SURFACE TREATED TALC AND POLYMER COMPOSITIONS FOR HIGH TEMPERATURE APPLICATIONS. Specialty Minerals (Michigan) Inc.
- 3615609** THERMOPLASTIC ELASTOMER COMPOUNDS EXHIBITING RETAINED CLARITY AND IMPROVED SURFACE STRUCTURE. Avient Corporation
- 3615610** THERMOPLASTIC ELASTOMER COMPOUNDS EXHIBITING IMPROVED STAIN RESISTANCE. Avient Corporation
- 3615611** THERMOPLASTIC ELASTOMER COMPOUNDS EXHIBITING LOW COMPRESSION SET PROPERTIES. Avient Corporation
- 3615613** ADDITIVE PRODUCTION METHOD WITH A COMPOSITE THERMOPLASTIC STRUCTURAL MATERIAL. Covestro Deutschland AG
- 3615627** ARTICLES WITH AN ADHESIVE LAYER. Dow Global Technologies LLC
- 3615632** NOVEL WATER-IN-OIL HYDRAULIC FRACTURING FLUID AND METHOD OF USING SUCH. Indorama Ventures Oxides LLC
- 3615634** LIQUID CRYSTAL MEDIUM. Merck Patent GmbH
- 3615637** PROCESSES FOR CONVERSION OF CRUDE OIL. Saudi Arabian Oil Company
- 3615638** PROCESS FOR CRYOGENIC FLUID ODORISATION. Arkema France
- 3615643** PROCESS FOR ENZYMATIC DEGUMMING. Bunge Oils, Inc.
- 3615647** METHOD FOR CLEANING SURFACES. Thonhauser GmbH
- 3615683** METHODS FOR LINKING POLYNUCLEOTIDES. The Broad Institute, Inc.
- 3615711** METHOD FOR OPERATING A WATER ELECTROLYSIS DEVICE. Hoeller Electrolyzer GmbH
- 3615751** ATTACHMENT DEVICE. GN Audio A/S
- 3615754** SLIDING DOOR ARRANGEMENT. Assa Abloy Entrance Systems AB
- 3615764** HANGER LANDING PIN INDICATOR. Cameron Technologies Limited
- 3615768** DOWNHOLE POWER GENERATION SYSTEM AND OPTIMIZED POWER CONTROL METHOD THEREOF. General Electric Company
- 3615774** DEVICE FOR SEALING BETWEEN A ROTOR AND A STATOR OF A TURBINE ENGINE. Safran Aircraft Engines
- 3615791** WIND TURBINE BLADE AND WIND TURBINE POWER GENERATING APPARATUS. Vestas Wind Systems A/S
- 3615797** WIND TURBINE NACELLE WITH ON-BOARD FLUID SYSTEM. Vestas Wind Systems A/S
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- 3615800** COMPRESSOR, COMPRESSED AIR SUPPLY DEVICE FOR OPERATING A PNEUMATIC INSTALLATION AND METHOD FOR OPERATING A COMPRESSED AIR SUPPLY DEVICE. ZF CV Systems Europe BV
- 3615802** OIL SEPARATOR FOR A COMPRESSOR AND COMPRESSOR ASSEMBLY COMPRISING SAID SEPARATOR. ING. ENEA MATTEI S.p.A.
- 3615812** METHODS RELATED TO STARTUP OF AN ELECTRIC SUBMERSIBLE PUMP. Sensia Netherlands B.V.
- 3615815** CLIP FOR SUPPORTING A FIRST COMPONENT ON A SECOND COMPONENT. A Raymond Et Cie
- 3615821** NON-ELLIPTICAL CONTACT PROFILE FOR ROLLER BEARING. The Timken Company
- 3615833** METHOD OF ATTENUATING VIBRATIONS OF BRAKED AIRCRAFT WHEELS. Safran Landing Systems
- 3615859** ELONGATED LIGHTING MODULE AND LIGHTING SYSTEM. Signify Holding B.V.
- 3615872** STRUCTURAL CABINET FOR AN APPLIANCE. Whirlpool Corporation
- 3615875** KILN AND METHOD FOR FIRING OF BASIC CERAMIC ARTICLES. Sacmi Cooperativa Meccanici Imola Societa' Cooperativa
- 3615879** SYSTEM OF AT LEAST TWO CARTRIDGE BOXES FOR AMMUNITION BELT. FN Herstal SA
- 3615882** STUN GRENADE COMPRISING MEANS FOR ADJUSTING AN ACTIVE POWER. Rheinmetall Waffe Munition GmbH
- 3615893** DETERMINING A ROTATIONAL ANGLE OF A STEERING SHAFT BY MEANS OF THREE GEAR WHEELS. Valeo Schalter und Sensoren GmbH
- 3615896** DOSING DEVICE AND DOSING SYSTEM FOR POWDERY, LIQUID, PASTY OR CREAMY PRODUCTS, AND DISPENSING MACHINE COMPRISING SUCH DOSING DEVICES OR SYSTEMS. Hero Europe S.R.L.
- 3615897** AN ARRAY OF DIFFERENT TYPES OF METERING SCOOPS FOR DOSING A CONSUMER PRODUCT. Å&R Carton Lund AB
- 3615944** HIGH PERFORMANCE MICRO-ELECTRO-MECHANICAL SYSTEMS ACCELEROMETER. Cambridge Enterprise Ltd.
- 3615949** PROBE CARD FOR A TESTING APPARATUS OF ELECTRONIC DEVICES. Technoprobe S.p.A
- 3615957** METHOD FOR OPERATING A RADAR SENSOR IN A MOTOR VEHICLE, RADAR SENSOR, AND MOTOR VEHICLE. Audi AG
- 3615967** TRACKING OPTICAL FLOW OF BACKSCATTERED LASER SPECKLE PATTERNS. Magic Leap, Inc.
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- 3615984** HEAD-UP DISPLAY. Continental Automotive Technologies GmbH
- 3615994** THERMO-OPTIC PHASE SHIFTER FOR SEMICONDUCTOR OPTICAL WAVEGUIDE. Cisco Technology, Inc.
- 3616029** TACTILE DISPLAY HAVING A MAGNETICALLY BISTABLE AXIALLY SYMMETRICAL LINEAR ACTUATOR HAVING A POLE CONTOUR AND SWITCHING MATRIX, AND OPTICAL-TACTILE SEEING AID HAVING SAME. Greiner, Luitpold
- 3616040** AUGMENTED REALITY SYSTEM COMPRISING LIGHT-EMITTING USER INPUT DEVICE. Magic Leap, Inc.
- 3616064** SYSTEMS AND METHODS FOR NETWORKED MICROSERVICE MODELING AND VISUALIZATION. Nutanix, Inc.
- 3616111** SYSTEM AND METHOD FOR GENERATING ACCESS CREDENTIALS. Visa International Service Association
- 3616170** SYSTEM FOR PROCESSING AND PACKAGING DOCUMENTS OF VALUE, IN PARTICULAR BANKNOTES. Giesecke+Devrient Currency Technology GmbH
- 3616190** AUTOMATIC SONG GENERATION. Microsoft Technology Licensing, LLC
- 3616192** METHOD FOR COOLING AN ULTRASONIC PROBE AND PROBE INCLUDING SUCH COOLING. EDAP TMS France
- 3616195** PERSONAL VOICE ASSISTANT AUTHENTICATION. Koninklijke Philips N.V.
- 3616202** PROGRAMMING ENHANCEMENT IN SELF-SELECTING MEMORY. Micron Technology, Inc.
- 3616229** CONTACTOR AUXILIARY SWITCH. Safran Electrical & Power
- 3616258** MILLIMETER WAVE ANTENNA. Sony Group Corporation
- 3616260** TUNABLE CAPACITORS TO CONTROL ANTENNA RADIATION PATTERN. Hewlett-Packard Development Company, L.P.
- 3616274** HAND-ACTUATABLE PLIER TOOL. Weidmüller Interface GmbH & Co. KG
- 3616276** METHOD FOR ALIGNING A CRIMPER OF A FIRST TOOL OF A CRIMPING PRESS RELATIVE TO AN ANVIL OF A SECOND TOOL OF THE CRIMPING PRESS AND A CRIMPING PRESS DEVICE. Komax Holding AG
- 3616280** WIRING METHOD INCLUDING A STEP OF ENROBING NON-SEALED CONNECTORS IN A RESIN. JTEKT Europe
- 3616301** SYSTEM AND METHOD FOR WIRELESSLY POWERING A SENSOR IN A BIO-PROCESSING ENVIRONMENT. Cytiva Sweden AB
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- 3616313** DOWNHOLE POWER GENERATION SYSTEM AND METHOD. General Electric Company
- 3616334** SUN SYNCHRONOUS ORBIT. Blue Digs LLC
- 3616350** REUSING LONG-TERM EVOLUTION (LTE) REFERENCE SIGNALS FOR NESTED SYSTEM OPERATIONS. Qualcomm Incorporated
- 3616354** FRAME SYNCHRONIZATION. Telefonaktiebolaget LM Ericsson (PUBL)
- 3616355** REPLICATION OF IDENTITY-DERIVED PRIMARY KEYS WITHOUT RANGE RESTRICTIONS. Honeywell International Inc.
- 3616357** COMMUNICATION METHOD, MOBILE UNIT, INTERFACE UNIT AND COMMUNICATION SYSTEM. Technische Universität München; Bayerische Motoren Werke Aktiengesellschaft
- 3616365** METHOD FOR OPERATING A FIELD DEVICE. Endress+Hauser Process Solutions AG
- 3616372** BASE TRANSCEIVER STATION INTERFERENCE CANCELLATION FOR REUSE OF TERRESTRIAL CARRIER IN AIR-TO-GROUND COMMUNICATION. Telefonaktiebolaget LM Ericsson (Publ)
- 3616377** TRANSMITTING UPLINK CONTROL INFORMATION (UCI). Qualcomm Incorporated
- 3616384** ORTHOGONAL ACCESS CONTROL FOR GROUPS VIA MULTI-HOP TRANSFORM ENCRYPTION. Ironcore Labs, Inc.
- 3616399** APPARATUS AND METHOD FOR PROCESSING A DEPTH MAP. Koninklijke Philips N.V.
- 3616413** SPEAKER ARRAY SYSTEMS. Bose Corporation
- 3616417** CONNECTED DEVICE SYSTEM WITH STREAMING CONTROL MODE. Signify Holding B.V.
- 3616429** CHANNEL SELECTION CONSTRAINTS IN A NETWORK HAVING MULTIPLE ACCESS POINTS. QUALCOMM Incorporated
- 3616445** OPTIMISING THE CONSUMPTION AND COVERAGE OF A LOCAL AREA NETWORK. ORANGE
- 3616451** FLEXIBLE SCHEDULING IN NEW RADIO (NR) NETWORKS. Qualcomm Incorporated
- 3616459** TRANSMISSION PROFILES FOR NR. Telefonaktiebolaget LM Ericsson (publ)
- 3616467** NETWORK MANAGER IN A NR NETWORK. Apple Inc.
- 3616478** ENVIRONMENT CONTROL IN ELECTRONIC APPARATUS. Amscreen Group Limited
- 3616600** OPHTHALMOLOGICAL DEVICE. Nikon Corporation
- 3616649** ELECTRIC TOOTHBRUSH. Sunstar Inc.
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- 3616702** PROPHYLACTIC OR THERAPEUTIC AGENT FOR INFLAMMATORY BOWEL DISEASE. Yamamoto, Hirofumi; Mori, Masaki
- 3616888** SHEET WINDING MOLDING METHOD. DIC Corporation
- 3617165** LOW-REFLECTION-FILM-COATED TRANSPARENT SUBSTRATE, PHOTOELECTRIC CONVERSION DEVICE, COATING LIQUID FOR FORMING LOW-REFLECTION FILM FOR LOW-REFLECTION-FILM-COATED TRANSPARENT SUBSTRATE, AND PRODUCTION METHOD FOR LOW-REFLECTION-FILM-COATED TRANSPARENT SUBSTRATE. Nippon Sheet Glass Company, Limited
- 3617184** METHOD FOR PRODUCING POLYFUNCTIONAL ACRYLATE. Osaka Organic Chemical Industry Ltd.
- 3617296** LUBRICANT MATERIAL FOR ASSISTING MACHINING PROCESS, LUBRICANT SHEET FOR ASSISTING MACHINING PROCESS, AND MACHINING METHOD USING THE SAME. Mitsubishi Gas Chemical Company, Inc.
- 3617319** METHOD FOR DETERMINING PRESENCE OR ABSENCE OF PHYTOPATHOGENIC MICROBE IN TEST SAMPLE. Panasonic Intellectual Property Management Co., Ltd.
- 3617356** FABRIC AND FIBER PRODUCT. Teijin Frontier Co., Ltd.
- 3617397** RUBBER-REINFORCING CORD AND RUBBER PRODUCT USING SAME. Nippon Sheet Glass Company, Limited
- 3617451** BLADE HAVING POROUS, ABRADABLE ELEMENT AND CORRESPONDING PROCESSING METHOD. Raytheon Technologies Corporation
- 3617514** INTERNAL MEDIUM PRESSURE TYPE TWO-STAGE COMPRESSION COMPRESSOR. Panasonic Intellectual Property Management Co., Ltd.
- 3617605** AIR CONDITIONER. Gree Electric Appliances, Inc. of Zhuhai
- 3617613** REFRIGERANT CHANNEL SWITCHING UNIT AND AIR CONDITIONER. Hitachi-Johnson Controls Air Conditioning, Inc.
- 3617623** REFRIGERATOR. LG Electronics Inc.
- 3617638** HEATING APPARATUS FOR VERTICALLY AND HELICALLY CONVEYING WORKPIECE. Xi 'an Aojie Electric Heating Equipment Engineering Co., Ltd
- 3617647** ROAD SURFACE PROFILE ESTIMATING DEVICE, ROAD SURFACE PROFILE ESTIMATING SYSTEM, ROAD SURFACE PROFILE ESTIMATING METHOD, AND ROAD SURFACE PROFILE ESTIMATING PROGRAM. The University Of Tokyo
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- 3617669** WEIGHING APPARATUS. Kawanishi, Shozo
- 3617685** LOAD DEVICE, FRAME FOR A LOAD DEVICE AND TEST SYSTEM.  
MAHA Maschinenbau Haldenwang GmbH & Co. KG
- 3617689** TISSUE SLICE SELECTION METHOD. Nihon University; Nichirei  
Biosciences Inc.
- 3617765** IMAGING DEVICE AND ELECTRONIC EQUIPMENT. Sony Semiconductor  
Solutions Corporation
- 3617770** OPTICAL DEVICE. LG Chem, Ltd.
- 3617781** OPTICAL MODULATION DEVICE. LG Chem, Ltd.
- 3617782** OPTICAL MODULATION DEVICE. LG Chem, Ltd.
- 3617783** OPTICAL MODULATION DEVICE. LG Chem, Ltd.
- 3617784** LIGHT MODULATION DEVICE. LG Chem, Ltd.
- 3617785** OPTICAL MODULATION DEVICE. LG Chem, Ltd.
- 3617786** OPTICAL MODULATION DEVICE. LG Chem, Ltd.
- 3617821** PRODUCTION PLAN GENERATION DEVICE, PRODUCTION PLAN  
GENERATION PROGRAM, AND PRODUCTION PLAN GENERATION  
METHOD. Fujitsu Limited
- 3617931** COMMUNICATION DEVICE AND METHOD. Sony Group Corporation
- 3618124** SOLAR BATTERY ELEMENT AND SOLAR BATTERY ELEMENT  
MANUFACTURING METHOD. Kyocera Corporation
- 3618128** LIGHT RECEPTION/EMISSION ELEMENT MODULE AND SENSOR  
DEVICE. Kyocera Corporation
- 3618129** CIRCUIT BOARD AND LIGHT-EMITTING DEVICE PROVIDED WITH  
SAME. KYOCERA Corporation
- 3618230** SENSING DEVICE. LG Innotek Co., Ltd.
- 3618243** INVERTER-INTEGRATED ROTATING ELECTRIC MACHINE. Mitsubishi  
Electric Corporation
- 3618257** POWER CONVERSION DEVICE. Toshiba Mitsubishi-Electric Industrial  
Systems Corporation
- 3618267** CONTROL METHOD FOR OSCILLATING MOTOR AND OSCILLATING  
MOTOR. Hu, Jiankun
- 3618303** METHOD AND DEVICE FOR USE IN INDICATING ANTENNA  
POLARIZATION DIRECTION IN WIRELESS NETWORK. Huawei  
Technologies Co., Ltd.
- 3618422** METHOD AND APPARATUS FOR CALCULATING BRIGHTNESS VALUE  
OF REGION OF INTEREST. Hangzhou Hikvision Digital Technology Co., Ltd.
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- 3618490** BASE STATION DEVICE, TERMINAL DEVICE, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT. Sharp Kabushiki Kaisha; FG INNOVATION COMPANY LIMITED
- 3618492** METHOD FOR DETERMINING REFERENCE SIGNAL, AND NETWORK DEVICE, UE AND COMPUTER STORAGE MEDIUM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3618506** USER TERMINAL AND WIRELESS COMMUNICATION METHOD. NTT DoCoMo, Inc.
- 3618517** METHOD FOR PERFORMING AMF REGISTRATION-RELATED PROCEDURE BY UDM IN WIRELESS COMMUNICATION SYSTEM, AND DEVICE THEREFOR. LG Electronics Inc.
- 3618527** BASE STATION DEVICE, TERMINAL DEVICE AND CORRESPONDING COMMUNICATION METHODS. Sharp Kabushiki Kaisha; FG INNOVATION COMPANY LIMITED
- 3618534** TERMINAL DEVICE, BASE STATION DEVICE, AND COMMUNICATION METHOD. Sharp Kabushiki Kaisha; FG INNOVATION COMPANY LIMITED
- 3618573** LIGHT-EMITTING DIODE DRIVING MODULE, METHOD OF OPERATING THEREOF, AND LIGHTING APPARATUS INCLUDING THE SAME. Seoul Semiconductor Co., Ltd.
- 3618579** COMPOSITION AND LIGHT-EMITTING ELEMENT IN WHICH SAME IS USED. Sumitomo Chemical Company Limited
- 3618589** VENTILATION MEMBER. Nitto Denko Corporation
- 3618606** KNOTTER SYSTEM FOR A BALER. CNH Industrial Belgium NV
- 3618710** DEVICE, SYSTEM, AND METHOD FOR PROVIDING A CALIBRATION FLUID FOR THE CALIBRATION OF A RESPIRATORY GAS ANALYSIS DEVICE. Robert Bosch GmbH
- 3618714** X-RAY SYSTEM FOR GUIDED OPERATION. Koninklijke Philips N.V.
- 3618893** A SYRINGE COMPRISING A COLLAPSIBLE PLUNGER. ALCON INC.
- 3618907** INHALER FLOW CONTROL MECHANISM. Kindeva Drug Delivery L.P.
- 3618939** AN OIL HOUSING, FILTER ELEMENT, AND VALVING ASSEMBLY FOR PROVIDING PRE-CHARGED OIL VOLUME CHANGES. MANN+HUMMEL GmbH
- 3618947** NOVEL DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE IN A CHAMBER COMPRISING A FLUIDISED MEDIUM. IFP Energies nouvelles
- 3618985** POURING NOZZLE WITH A REPLACEABLE CROWN. EKW GmbH
- 3619080** AUTOMOBILE CALIBRATION DEVICE. AUTEL INTELLIGENT TECHNOLOGY CORP., LTD.
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- 3619107** A BODY STRUCTURE OF A VEHICLE COMPRISING A DOOR STRUCTURE AND A MODULAR LOCKING MECHANISM. SAAB AB
- 3619108** AIRCRAFT WING-TO-FUSELAGE INTERFACE PERMITTING POSITIONAL ADJUSTMENT. Bombardier Inc.
- 3619114** SEAT PROVIDED WITH A SYSTEM FOR LOCKING THE TRAY TABLE IN THE EVENT OF AN IMPACT. Safran Seats
- 3619180** METHOD FOR PRODUCING AN ELECTRICAL DEVICE COMPRISING A COVERING MATERIAL. Robert Bosch GmbH
- 3619201** HERBICIDALLY ACTIVE 4-DIFLUORMETHYLBENZOYLAMIDE. Bayer CropScience Aktiengesellschaft
- 3619248** STORAGE STABLE POLYURETHANE CASTING MASS FOR EMBEDDING OF HOLLOW FIBERS IN THE PRODUCTION OF FILTER ELEMENTS. BASF SE
- 3619249** STORAGE STABLE POLYURETHANE CASTING MASS FOR EMBEDDING OF HOLLOW FIBERS IN THE PRODUCTION OF FILTER ELEMENTS. BASF SE
- 3619250** RIGID POLYURETHANE FOAMS HAVING IMPROVED FIRE PERFORMANCE. BASF SE
- 3619341** METHOD FOR OPERATING A BALE BREAKER AND BALE BREAKER OPERATED THEREWITH. Trützschler Group SE
- 3619363** PROFILE. Jerzy Pietrucha BUSINESS ASSETS
- 3619364** FOUNDATION WALL. Jackon AS
- 3619398** PASSIVE MULTIPHASE FLOW SEPARATOR. Baker Hughes ESP, Inc.
- 3619458** A STATION. Cavagna Group S.p.A.
- 3619466** LIGHTING DEVICE FOR VEHICLES. HELLA GmbH & Co. KGaA
- 3619467** RETROFIT LIGHTING ASSEMBLY. Signify Holding B.V.
- 3619493** ARRANGEMENT AND METHOD FOR ALIGNING A SUB-CALIBRE BARREL. SAAB AB
- 3619496** ELECTRONIC SECURING DEVICE. Rheinmetall Waffe Munition GmbH
- 3619532** PLASMA/SERUM SEPARATOR DEVICE AND METHODS USING THE SAME. Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
- 3619538** SEALED LATERAL FLOW DEVICE. IDEXX Laboratories, Inc.
- 3619559** SEISMIC IMAGE ORIENTATION USING 3D INTEGRATION OPERATIONS. Saudi Arabian Oil Company
- 3619599** VIRTUAL CONTENT DISPLAYED WITH SHARED ANCHOR. Microsoft Technology Licensing, LLC
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- 3619612** TEMPORARY DE-OPTIMIZATION OF TARGET FUNCTIONS IN A CLOUD DEBUGGER. Microsoft Technology Licensing, LLC
- 3619660** SHARING EVENTS WITH STRUCTURED METADATA. Microsoft Technology Licensing, LLC
- 3619679** CHROMATIC ABERRATION MODELING IN IMAGE COMPRESSION AND ENHANCEMENT. Google LLC
- 3619708** SPEAKER DIARIZATION USING AN END-TO-END MODEL. Google LLC
- 3619755** ELECTRIC STORED ENERGY SOURCE. Bayerische Motoren Werke Aktiengesellschaft
- 3619756** BATTERY BOX FOR ELECTRIC VEHICLES. Constellium Singen GmbH
- 3619836** DC-COUPLED SWITCHING IN AN AC-COUPLED ENVIRONMENT. Teradyne, Inc.
- 3619840** INTERFERENCE MANAGEMENT BASED ON REFERENCE SIGNALS IN WIRELESS COMMUNICATIONS. QUALCOMM Incorporated
- 3619841** MULTIPLE ACCESS WIRELESS NETWORK WITH LOW LATENCY SUBNET. Bae Systems Information And Electronic Systems Integration Inc.
- 3619908** TECHNIQUE FOR EXECUTING A SERVICE IN A LOCAL AREA NETWORK THROUGH A WIDE AREA COMMUNICATION NETWORK. ORANGE
- 3619923** COUPLED INTERACTIVE DEVICES. Microsoft Technology Licensing, LLC
- 3619942** PORT GROUP INDICATION AND PORT SUBSETS IN A CSI-RS RESOURCE FOR NEW RADIO (NR). Qualcomm Incorporated
- 3620000** TRANSMISSION ADAPTATION AND GRANT-FREE ACCESS. IDAC Holdings, Inc.
- 3620013** SCHEDULING REQUEST FOR WIRELESS SYSTEMS. Qualcomm Incorporated
- 3620014** METHOD OF WIRELESS COMMUNICATION AT A REMOTE USER EQUIPMENT, METHOD OF WIRELESS COMMUNICATION AT A RELAY USER EQUIPMENT, REMOTE USER EQUIPMENT, RELAY USER EQUIPMENT, COMPUTER-READABLE MEDIUM STORING COMPUTER EXECUTABLE CODE FOR COMMUNICATIONS AT A REMOTE USER EQUIPMENT AND COMPUTER-READABLE MEDIUM STORING COMPUTER EXECUTABLE CODE FOR COMMUNICATIONS AT A RELAY USER EQUIPMENT. Qualcomm Incorporated
- 3620016** METHOD AND APPARATUS FOR SENDING AND RECEIVING INFORMATION ON A WIRELESS NETWORK. Motorola Mobility LLC
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- 3620035** SYSTEMS FOR FORMING A LIQUID LINER OF A CAVITY. General Fusion Inc.
- 3620036** ELECTRONIC MODULE. Bayerische Motoren Werke Aktiengesellschaft
- 3620377** PRIVACY SHELL. Safran Seats USA LLC
- 3620492** LIQUID CRYSTAL ALIGNMENT AGENT COMPOSITION, METHOD FOR PREPARING LIQUID CRYSTAL ALIGNMENT FILM USING SAME, AND LIQUID CRYSTAL ALIGNMENT FILM AND LIQUID CRYSTAL DISPLAY USING SAME. LG CHEM, LTD.
- 3620835** CABLE-RETENTION DEVICE. Fabris, Valcir; Vicente, Luis Carlos
- 3621153** ANTENNA MODULE. Amotech Co., Ltd.
- 3621172** DISTRIBUTED BATTERY, BATTERY CONTROL METHOD, AND ELECTRIC AUTOMOBILE. Huawei Technologies Co., Ltd.
- 3621275** TRANSMITTING METHOD AND RECEIVING METHOD FOR BROADCAST SIGNAL, NETWORK DEVICE, AND TERMINAL DEVICE. Huawei Technologies Co., Ltd.
- 3621294** METHOD AND DEVICE FOR IMAGE CAPTURE, COMPUTER READABLE STORAGE MEDIUM AND ELECTRONIC DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3621384** PRECODING MATRIX INDICATION METHOD, TERMINAL, AND NETWORK APPARATUS. Datang Mobile Communications Equipment Co., Ltd.
- 3621396** METHOD FOR TRANSMITTING AND RECEIVING PHYSICAL DOWNLINK SHARED CHANNEL IN WIRELESS COMMUNICATION SYSTEM, AND DEVICE FOR SUPPORTING SAME. LG Electronics Inc.
- 3621551** PROCESS FOR PROVIDING A DENTAL ARTICLE. Straumann Holding AG
- 3621664** RESORBABLE IMPLANT MATERIAL MADE OF MAGNESIUM OR A MAGNESIUM ALLOY. Helmholtz-Zentrum hereon GmbH
- 3621717** FILTER APPARATUS. Hydac Process Technology GmbH
- 3621729** A HIGHLY EFFICIENT SYNTHESIS OF Z-MACROCYCLES USING STEREORETENTIVE, RUTHENIUM-BASED METATHESIS CATALYSTS. California Institute of Technology
- 3621742** ROLLER MILL AND METHOD FOR OPERATING A ROLLER MILL. FLSmidth A/S
- 3621886** LABELLING DEVICE. KHS GmbH
- 3621930** DISC WITH ELECTRICALLY CONDUCTIVE COATING AND REDUCED VISIBILITY OF FINGERPRINTS. SAINT-GOBAIN GLASS FRANCE
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- 3621943** METHOD FOR OXIDATIVE ESTERIFICATION OF ALDEHYDES TO CARBOXYLIC ACID ESTERS. Röhm GmbH
- 3621996** CATALYST SYSTEMS AND PROCESSES FOR USING THE SAME. Univation Technologies, LLC
- 3622046** LIQUID LAUNDRY DETERGENT COMPOSITION. Unilever Global IP Limited
- 3622058** PYRUVATE CARBOXYLASE. Forschungszentrum Jülich GmbH
- 3622114** METHOD FOR CONTROLLING A TRACK CONSTRUCTION MACHINE. Track Machines Connected Gesellschaft m.b.H.
- 3622196** CENTRIFUGAL PENDULUM DEVICE HAVING A PRE-STRESSING ELEMENT FOR GUIDING THE CYLINDRICAL ROLLERS. Schaeffler Technologies AG & Co. KG
- 3622282** ELECTROCHEMICAL ORGANIC TRANSISTOR BASED ON CONDUCTING POLYMER AND NANOPARTICLES OF AG HALIDE, AGX (X = CL, I, BR) AS CHEMICAL SENSOR. Alma Mater Studiorum -Università di Bologna
- 3622394** INTELLIGENT CLOUD MANAGEMENT BASED ON PROFILE. Microsoft Technology Licensing, LLC
- 3622425** A METHOD AND A SYSTEM FOR CREATING AND AUTHENTICATING A BINARY GRAPHIC CODE. Robert Bosch GmbH; Fudan University
- 3622586** PLUG CONNECTOR MODULE. HARTING Electric GmbH & Co. KG
- 3622589** ELECTRONIC MODULE AND MANUFACTURING METHOD. Robert Bosch GmbH
- 3622661** CRYPTLET IDENTITY. Microsoft Technology Licensing, LLC
- 3622666** A METHOD AND A SYSTEM FOR CREATING AND AUTHENTICATING A BINARY GRAPHIC CODE. Robert Bosch GmbH; Fudan University
- 3622694** CLOUD MANAGEMENT OF LOW-RESOURCE DEVICES VIA AN INTERMEDIARY DEVICE. Microsoft Technology Licensing, LLC
- 3622697** HIERARCHICAL SPLIT OF APPLICATION BETWEEN CLOUD AND EDGE. Microsoft Technology Licensing, LLC
- 3622828** NOVEL MICROALGAL FOOD COMPOSITIONS. Corbion Biotech, Inc.
- 3623176** PNEUMATIC TIRE. Bridgestone Corporation
- 3623490** METHOD FOR MANUFACTURING A FACILITY FOR COATING A MOVING PRODUCT AND FACILITY SO MANUFACTURED. CLECIM SAS
- 3623491** SYSTEM FOR SECURING A PRODUCT SUCH AS A TAPE HEAD IN A COATING POT AND ASSOCIATED METHODS. CLECIM SAS
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- 3623496** FILM FORMING DEVICE AND METHOD FOR FORMING PIEZOELECTRIC FILM. FUJIFILM Corporation
- 3623793** IDENTIFICATION CLASSIFICATION ANALYSIS METHOD AND CLASSIFICATION ANALYSIS DEVICE. Aipore Inc.
- 3623942** MESSAGE PROCESSING METHOD AND APPARATUS, STORAGE MEDIUM, AND COMPUTER DEVICE. Tencent Technology (Shenzhen) Company Limited
- 3624304** POWER CONTROL DEVICE AND POWER CONTROL METHOD. Murata Manufacturing Co., Ltd.
- 3624316** ELECTRODYNAMIC ACTUATOR AND ELECTRODYNAMIC EXCITATION DEVICE. Kokusai Keisokuki Kabushiki Kaisha
- 3624393** KEY DISTRIBUTION SYSTEM AND METHOD, KEY GENERATION DEVICE, REPRESENTATIVE USER TERMINAL, SERVER DEVICE, USER TERMINAL AND PROGRAM. Nippon Telegraph and Telephone Corporation
- 3624483** METHOD FOR CONFIGURING ANR, TERMINAL DEVICE, BASE STATION, AND CORE NETWORK DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3624499** COMMUNICATION CONTROL METHOD AND COMMUNICATION SYSTEM. NTT DoCoMo, Inc.
- 3624626** SHOE. Vibram S.p.A.
- 3624971** CLAMPING BLOCK FOR RECEIVING A PARTING BLADE. Ceratizit Austria Gesellschaft m.b.H.
- 3625079** MAGNET SWITCH FOR A TRANSPORT SYSTEM. Kronos AG
- 3625092** METHOD FOR DETERMINING AUTONOMOUS EMERGENCY BRAKING, METHOD FOR PERFORMING THE EMERGENCY BRAKING, AND CONTROL DEVICE FOR A DRIVING-DYNAMICS SYSTEM. ZF CV Systems Europe BV
- 3625094** METHOD FOR ESTIMATING THE ACHIEVABLE TOTAL BRAKING FORCES FOR THE AUTOMATED DECELERATION OF A UTILITY VEHICLE, BRAKING SYSTEM AND UTILITY VEHICLE HAVING SAID BRAKING SYSTEM. ZF CV Systems Europe BV
- 3625095** BRAKE SYSTEM AND METHOD FOR OPERATING A BRAKE SYSTEM. Continental Automotive Technologies GmbH
- 3625407** MOVEABLE STAIR SYSTEMS AND METHODS. EMEH, Inc.
- 3625496** VEHICLE HAVING A STORAGE ASSEMBLY FOR STORING AND DISPENSING A PRESSURISED GAS, AND STORAGE ASSEMBLY FOR A VEHICLE. AUDI AG
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- 3625558** ULTRASONIC DETECTION SYSTEM AND METHOD. Metso Outotec  
Finland Oy
- 3625678** HIGH FIDELITY NETWORK EMULATION. Microsoft Technology Licensing,  
LLC
- 3625800** SYSTEMS AND METHODS FOR FREQUENCY MODE DETECTION AND  
IMPLEMENTATION. Micron Technology, Inc.
- 3625804** RADIOISOTOPE PRODUCTION TARGET INSERT DESIGN AND TARGET  
HARVESTING METHODOLOGY FOR LONG TERM IRRADIATION IN  
COMMERCIAL NUCLEAR REACTORS. Westinghouse Electric Company Llc
- 3625821** METHODS AND APPARATUSES FOR CHEMICAL DELIVERY FOR  
BRUSH CONDITIONING. Illinois Tool Works Inc.
- 3625893** PRECODED SOUNDING REFERENCE SIGNAL TRANSMISSION WITH  
ASYMMETRIC TRANSMIT AND RECEIVE ANTENNAS. Qualcomm  
Incorporated
- 3625954** DEPARTURE OR ENTRY INTENT-BASED REMINDERS. Microsoft  
Technology Licensing, LLC
- 3625956** VOLUME ADJUSTMENT ON HINGED MULTI-SCREEN DEVICE.  
Microsoft Technology Licensing, LLC
- 3626296** CATHETERS FOR USE IN SURGICAL PROCEDURES. Scientia Vascular,  
Inc.
- 3626382** LASER WELDING METHOD AND LASER WELDING DEVICE. Amada  
Holdings Co., Ltd.
- 3626431** THREE-DIMENSIONAL STRUCTURE AND PRODUCTION METHOD FOR  
THREE-DIMENSIONAL STRUCTURE. Sony Group Corporation
- 3626480** PNEUMATIC TIRE. The Yokohama Rubber Co., Ltd.
- 3626702** CARBONATE DERIVATIVE PRODUCTION METHOD. National University  
Corporation Kobe University; Mitsubishi Gas Chemical Company, Inc.
- 3626892** WEAR MEMBER FOR EXCAVATION EQUIPMENT. ESCO Group LLC
- 3627018** CYLINDER DRIVE APPARATUS WITH A CYLINDER DRIVE MANIFOLD  
DEVICE. SMC Corporation
- 3627221** PROJECTION DISPLAY DEVICE. Sony Group Corporation
- 3627437** DATA SCREENING DEVICE AND METHOD. Cambricon (Xi'an)  
Semiconductor Co., Ltd.
- 3627583** ELECTRONIC EQUIPMENT BATTERY AND ELECTRONIC EQUIPMENT.  
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3627604** ION EXCHANGE SEPARATION MEMBRANE AND FLOW BATTERY  
COMPRISING SAME. LG CHEM, LTD.
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- 3627773** BRAS SYSTEM-BASED MESSAGE ENCAPSULATION METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3627996** PROSTHETIC IMPLANT DELIVERY DEVICE. Weinzweig, Jeffrey, M.D.
- 3628036** METHOD FOR PRODUCING A FOAM BODY. Nowy, Florian; Zorn, Alois
- 3628063** ASSEMBLY WITH REMOVABLE FASTENER FOR MOTOR VEHICLE FAIRING AND METHOD. Renault s.a.s
- 3628602** REBAR PACKAGING METHOD AND REBAR PACKAGING RECTANGULAR TRAY. ROBOCON Technologies Corp.
- 3629223** CAPTURING A GRAPHIC INFORMATION PRESENTATION. Hand Held Products, Inc.
- 3629697** AN AGRICULTURAL HARVESTER. AGCO Corporation
- 3630374** RAPID CHANGEOVER SLOT DIE ASSEMBLY FOR A FLUID APPLICATION DEVICE. Illinois Tool Works Inc.
- 3630525** METHOD FOR OPERATING A ROTATIONAL SPEED SENSOR IN A VEHICLE, AND SENSOR ASSEMBLY. ZF CV Systems Europe BV
- 3630529** CONTROL APPARATUS FOR AN ELECTRIC PROPULSION ASSEMBLY OF A VEHICLE. Electricité de France
- 3630574** BOGIE FOR A RAIL VEHICLE. Voith Patent GmbH
- 3630654** METHOD FOR TRANSPORTING AND STORING CERAMIC SLABS. Granitifiandre Societa' Per Azioni
- 3631189** HIGH-PRESSURE FUEL PUMP AND FUEL FILTER DEVICE. Robert Bosch GmbH
- 3631247** MOUNTING UNIT FOR A PLANETARY GEARBOX. ZF Friedrichshafen AG
- 3631284** COMPACT GAS CYLINDER VALVE WITH RESIDUAL PRESSURE FUNCTION. ROTAREX S.A.
- 3631293** VAPOUR AND LIQUID DRUM FOR A SHELL-AND-TUBE HEAT EXCHANGER. ALFA LAVAL OLM I S.p.A.
- 3631371** COIL ACTUATED POSITION SENSOR WITH REFLECTED MAGNETIC FIELD. Allegro MicroSystems, LLC; Commissariat à l'Énergie Atomique et aux Énergies Alternatives
- 3631487** MAGNETIC FIELD SENSOR WITH ERROR CALCULATION. Allegro MicroSystems, LLC
- 3631600** DYNAMIC CONTROL OF PERFORMANCE PARAMETERS IN A SIX DEGREES-OF-FREEDOM SENSOR CALIBRATION SUBSYSTEM. Microsoft Technology Licensing, LLC
- 3631604** MULTI-PROTOCOL COMMUNICATIONS BETWEEN HOST DEVICES AND STYLUS DEVICES. Microsoft Technology Licensing, LLC
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- 3631621** AN APPARATUS AND METHOD FOR INTERPRETING PERMISSIONS ASSOCIATED WITH A CAPABILITY. ARM Limited
- 3631622** TENSOR REGISTER FILES. Microsoft Technology Licensing, LLC
- 3631667** FLASH RECOVERY MODE. Microsoft Technology Licensing, LLC
- 3631750** IMAGE RESOLUTION ENHANCEMENT. Microsoft Technology Licensing, LLC
- 3631782** METHOD AND SYSTEM FOR ENTRY OF A PERSONAL IDENTIFICATION NUMBER (PIN). Visa International Service Association
- 3631836** PIECEWISE RF POWER SYSTEMS AND METHODS FOR SUPPLYING PRE-DISTORTED RF BIAS VOLTAGE SIGNALS TO AN ELECTRODE IN A PROCESSING CHAMBER. MKS Instruments, Inc.
- 3632026** TRANSMISSION TIME INTERVAL BUNDLING FOR WIRELESS COMMUNICATIONS SYSTEMS. Qualcomm Incorporated
- 3632211** STUFFED FOOD PROCESSING DEVICE. Jia, Qingyi
- 3632244** AEROSOL-GENERATING ARTICLE WITH INTERNAL SUSCEPTOR. Philip Morris Products S.A.
- 3632518** SIMULATOR RIDE. Universal City Studios LLC
- 3632572** WATER DROPLET GENERATING APPARATUS. Leshow Electronic Technology Co. Ltd., Hangzhou; Beijing Xiaomi Mobile Software Co., Ltd.
- 3632573** WATER DROPLET GENERATING APPARATUS. Leshow Electronic Technology Co. Ltd., Hangzhou; Beijing Xiaomi Mobile Software Co., Ltd.
- 3632652** LIQUID CONTAINER MANUFACTURING METHOD. Yoshino Kogyosho Co., Ltd.
- 3632690** IMAGE RECORDING APPARATUS, IMAGE RECORDING METHOD, AND CORRECTION INFORMATION ACQUISITION METHOD. SCREEN Holdings Co., Ltd.
- 3632745** DOOR MIRROR. Murakami Corporation
- 3632793** UNMANNED AERIAL VEHICLE AND LANDING GEAR THEREOF. Autel Robotics Co., Ltd.
- 3632916** MORPHINAN COMPOUNDS. Concert Pharmaceuticals Inc.
- 3632983** POLYCARBONATE RESIN COMPOSITION, MOLDED ARTICLE, POLYCARBONATE RESIN, AND TERMINAL-BLOCKING AGENT FOR POLYCARBONATE RESIN. Mitsubishi Gas Chemical Company, Inc.
- 3632999** WATER-BASED INK FOR INKJET AND METHOD FOR PRODUCING PRINTED MATTER. Toyo Ink SC Holdings Co., Ltd.; Toyocolor Co., Ltd.
- 3633061** HOT DIPPED MEDIUM MANGANESE STEEL AND MANUFACTURING METHOD THEREFOR. Baoshan Iron & Steel Co., Ltd.
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- 3633142** NOVEL PROCESS FOR CONTROLLING DOWNHOLE GAS IN ABANDONED MINE. Cecep Ningxia New Energy Resources Joint Stock Co., Ltd.
- 3633255** THREADED CONNECTION FOR STEEL PIPES. Nippon Steel Corporation; Vallourec Oil and Gas France
- 3633465** DIAGNOSTIC APPARATUS. Panasonic Intellectual Property Management Co., Ltd.
- 3633710** ION GENERATION USING WETTED POROUS MATERIAL. Purdue Research Foundation
- 3633793** PACKAGE FOR ELECTRICAL CONNECTORS. Kyocera Corporation; Toyota Jidosha Kabushiki Kaisha
- 3633803** PASSIVE Q-SWITCH PULSE LASER DEVICE, PROCESSING APPARATUS, AND MEDICAL APPARATUS. Sony Group Corporation
- 3633901** METHOD AND DEVICE FOR APPLYING REFERENCE SIGNAL CONFIGURATION INFORMATION, AND STORAGE MEDIUM. ZTE Corporation
- 3634016** CHARGING METHODS AND DEVICES. Huawei Technologies Co., Ltd.
- 3634039** SYSTEM INFORMATION SCHEDULING IN MACHINE TYPE COMMUNICATION. Panasonic Intellectual Property Corporation of America
- 3634084** METHOD FOR REGROUPING MULTIPLE GROUPS AND DEVICE. Huawei Technologies Co. Ltd.
- 3634616** METHOD OF PREPARATION OF HYDROCARBON FUELS FROM POLYOLEFIN WASTE MATERIALS. Handerek Technologies Sp. z o.o.
- 3634618** NON-THERMAL PLASMA TREATMENT APPARATUS AND METHOD. Greenpath Industries, LLC
- 3635024** SOLVENT-BASED ADHESIVE COMPOSITIONS. Dow Global Technologies LLC; Rohm and Haas Company
- 3636076** METHOD FOR PRODUCING SOFT SHAPED SEMI-RIGID TORTILLAS. General Mills, Inc.
- 3636288** FLUID STERILIZING DEVICE. Nikkiso Co., Ltd.
- 3636436** SELF-ALIGNING PIVOTABLE MANDREL ASSEMBLY. Stolle Machinery Company, LLC
- 3636444** VACUUM CYLINDER WITH RECESSED PORTIONS FOR HOLDING ARTICLES FOR PRINTING. NIKE Innovate C.V.
- 3636447** TRANSFER SHEET. Mitsubishi Paper Mills Limited
- 3636455** TIRE RUBBER COMPOSITION. The Yokohama Rubber Co., Ltd.
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- 3636790** HOT DIPPED HIGH MANGANESE STEEL AND MANUFACTURING METHOD THEREFOR. Baoshan Iron & Steel Co., Ltd.
- 3636996** SOLID FUEL BURNER AND COMBUSTION DEVICE. Mitsubishi Heavy Industries, Ltd.
- 3637091** TRANSPORT DEVICE, TRANSPORT METHOD, AND INSPECTION SYSTEM. SCREEN Holdings Co., Ltd.
- 3637224** METHOD AND SYSTEM FOR CHASSIS VOLTAGE DROP COMPENSATION. Quanta Computer Inc.
- 3637470** DISPLAY DEVICE. Kunshan Go-Visionox Opto-Electronics Co., Ltd.
- 3637656** INTERFERENCE LIMITATION FOR RETRANSMISSIONS. Optis Wireless Technology, LLC
- 3637686** METHOD FOR ACQUIRING STANDARD CONFIGURATION TEMPLATE OF NETWORK DEVICE, AND COMPUTATION DEVICE. Huawei Technologies Co., Ltd.
- 3637703** MESSAGE TRANSMISSION METHODS AND PROXY SERVERS. Huawei Technologies Co., Ltd.
- 3637864** CELL RESELECTION BY A TERMINAL OF A MOBILE COMMUNICATION NETWORK COMPRISING A LTE SYSTEM AND A NON-LTE SYSTEM. Huawei Technologies Co., Ltd.
- 3637884** METHOD AND DEVICE FOR TRANSMITTING SIGNAL. Huawei Technologies Co., Ltd.
- 3637954** INDUCTION HEATING DEVICE HAVING IMPROVED SWITCH STRESS REDUCTION STRUCTURE. LG Electronics Inc.
- 3638449** ULTRASONIC ROLLER BURNISHING SYSTEM AND METHOD, AND METHOD FOR MACHINING COMPONENT. General Electric Company
- 3638471** IMPROVED HANDHELD MOTORIZED CUTTING DEVICE AND RELATIVE ACCESSORY. Brevetti Montolit S.P.A.
- 3638868** SAFETY CONTACT STRIP. ASO GmbH Antriebs- und Steuerungstechnik
- 3638870** SUPERABRASIVE CUTTERS FOR EARTH BORING BITS WITH MULTIPLE RAISED CUTTING SURFACES. Varel International Ind., L.L.C.
- 3639574** COMMUNICATION APPARATUS AND METHOD FOR SECURE LOW POWER TRANSMISSION. Panasonic Intellectual Property Corporation of America
- 3639896** FIRE/DISASTER EVACUATION FACILITY FOR BUILDING. Korea Institute Of Civil Engineering And Building Technology
- 3639905** FILTER DEVICE. Hydac Fluidcarecenter GmbH
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- 3640239** PHARMACEUTICALLY ACCEPTABLE SALT OF ALKYL CARBAMOYL NAPHTHALENYLOXY OCTENOYL HYDROXYAMIDE OR OF DERIVATIVE THEREOF AND METHOD FOR PREPARING SAME.  
Crystalgenomics, Inc.
- 3640340** METHOD FOR DETECTING TARGET NUCLEIC ACID SEQUENCES.  
Xiamen Zeesan Biotech Co., Ltd.
- 3640495** DISC BRAKE DEVICE. Ican Company Ltd.
- 3640599** VEHICLE LOCALIZATION METHOD AND APPARATUS. Samsung Electronics Co., Ltd.
- 3640648** TEST METHOD, DISPENSING DEVICE. Hitachi High-Tech Corporation
- 3640786** INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, AND PROGRAM. Sony Group Corporation
- 3640849** ELECTRONIC DEVICE AND METHOD OF REGISTERING PERSONAL CLOUD APPARATUS IN USER PORTAL SERVER THEREOF. Samsung Electronics Co., Ltd.
- 3640892** IMAGE CALIBRATION METHOD AND DEVICE APPLIED TO THREE-DIMENSIONAL CAMERA. Autel Robotics Co., Ltd.
- 3641113** CONTROL DEVICE AND SEMICONDUCTOR APPARATUS. Fuji Electric Co., Ltd.
- 3641256** TRANSMITTER, RECEIVER, TRANSMISSION METHOD AND RECEPTION METHOD. Panasonic Intellectual Property Corporation of America
- 3641431** PAGING MESSAGE TRANSMISSION. Huawei Technologies Co. Ltd.
- 3641434** METHOD, DEVICE, USER EQUIPMENT AND BASE STATION FOR CHANNEL CARRIER CONFIGURATION. Beijing Xiaomi Mobile Software Co., Ltd.
- 3641440** UPLINK CONTROL CHANNEL TRANSMISSION METHOD, TERMINAL, BASE STATION AND DEVICE. Datang Mobile Communications Equipment Co., Ltd.
- 3642338** FUSION PROTEIN WITH HALF-LIFE EXTENDING POLYPEPTIDE.  
Swedish Orphan Biovitrum AB (publ)
- 3642753** SECURELY EXECUTING SMART CONTRACT OPERATIONS IN A TRUSTED EXECUTION ENVIRONMENT. Advanced New Technologies Co., Ltd.
- 3644089** RADAR DEVICE AND RADAR SYSTEM. Hitachi Kokusai Electric Inc.
- 3644194** SUTURING DEVICES FOR SUTURING AN ANATOMIC VALVE.  
Heartstitch, Inc.
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- 3644515** ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, DECODING METHOD AND PROGRAM. Nippon Telegraph And Telephone Corporation
- 3644568** TRANSMISSION DEVICE, RECEPTION DEVICE, TRANSMISSION METHOD, AND RECEPTION METHOD. Panasonic Intellectual Property Corporation of America
- 3646333** USER INTERFACE FOR IDENTIFYING MIDLINES OF SPINAL CORD. Medtronic, Inc.
- 3647295** CONCRETE COMPOSITION AND PRODUCTION METHOD THEREFOR. Sumitomo Mitsui Construction Co., Ltd.; The University Of Tokyo; Tokyo University of Science Foundation
- 3647303** PROCESS FOR PREPARING FATTY ACID CHLORIDES AND N-ACYL AMINO ACID SALTS. Transpek Industry Limited; Clariant International Ltd
- 3647380** WATER-BASED INKJET INK AND PRODUCTION METHOD FOR PRINTED MATTER. Toyo Ink SC Holdings Co., Ltd.; Toyocolor Co., Ltd.
- 3647492** METHOD FOR PRODUCING (METH)ACRYLAMIDE-BASED POLYMER PAPERMAKING ADDITIVE AND (METH)ACRYLAMIDE-BASED POLYMER PAPERMAKING ADDITIVE. Harima Chemicals, Incorporated
- 3647569** VEHICLE, VEHICLE CONTROL METHOD, VEHICLE REMOTE OPERATION DEVICE, AND VEHICLE REMOTE OPERATION METHOD. Panasonic Intellectual Property Corporation of America
- 3647757** REFLECTED LIGHT MEASUREMENT DEVICE. Opt Gate Co., Ltd.
- 3647783** IDENTIFYING PATIENT RESPONSE TO S1P RECEPTOR MODULATOR ADMINISTRATION. Novartis AG
- 3647848** INTERCHANGEABLE LENS DEVICE, IMAGE CAPTURING DEVICE, IMAGE CAPTURING SYSTEM, IMAGE CAPTURING METHOD AND PROGRAM. Sony Group Corporation
- 3648393** METHOD FOR TRANSMITTING AND RECEIVING REFERENCE SIGNAL AND DEVICE THEREFOR. LG Electronics Inc.
- 3649013** METHOD FOR GENERATING A VARIABLE HIGH BEAM LIGHT DISTRIBUTION AND DEVICE. ZKW Group GmbH
- 3649990** INBONE TALAR DOME WITH EXPANDABLE FLANGES. Wright Medical Technology, Inc.
- 3650008** ENZYME DELIVERY SYSTEMS AND METHODS OF PREPARATIONS AND USE. Curemark, LLC
- 3650320** FENDER SUPPORT STRUCTURE AND WORK VEHICLE EQUIPPED WITH SAME. Kubota Corporation
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- 3650329** HUB GEAR. JustRide
- 3650932** CAMERA SYSTEM USING STABILIZING GIMBAL. GoPro, Inc.
- 3650983** METHOD FOR MANAGING TRIGGER, AND TERMINAL DEVICE. Huawei Technologies Co., Ltd.
- 3651041** PASSWORD INPUT SYSTEM. Kim, Deok Woo
- 3651332** POWER SUPPLY SYSTEM, POWER SUPPLY DEVICE, CONTROL METHOD AND CONTROL PROGRAM. Daihen Corporation
- 3651411** HANDLING CONFERENCES USING HIGHLY-DISTRIBUTED AGENTS. Cisco Technology, Inc.
- 3651977** METHOD FOR THE USE IN ROUGHENING A PROFILED TREAD INTENDED FOR COLD RETREADING. Continental Reifen Deutschland GmbH
- 3652400** DEVICE FOR MOVING A FURNITURE PART AND PIECE OF FURNITURE. Grass GmbH
- 3653249** RESPIRATORY THERAPY SYSTEM COMPRISING A NON-SEALING PATIENT INTERFACE. Fisher & Paykel Healthcare Limited
- 3654016** GAS ANALYSIS DEVICE, PROGRAM FOR GAS ANALYSIS DEVICE, AND GAS ANALYSIS METHOD. Horiba, Ltd.
- 3657185** DEVICE AND METHOD FOR ENHANCING ACCURACY OF DETECTING LEAKAGE CURRENT. Lee, Hyun Chang
- 3657687** METHOD AND APPARATUS FOR DETERMINING FREQUENCY HOPPING OF CHANNEL, AND COMPUTER STORAGE MEDIUM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3657886** DATA GENERATION METHOD, STORAGE MEDIUM, TERMINAL DEVICE AND CHIP. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3658196** STERILIZATION INDICATOR WITH TEMPERATURE INDICATOR. American Sterilizer Company
- 3658462** MACHINING FACILITY FOR AIRCRAFT STRUCTURAL COMPONENTS. Broetje-Automation GmbH
- 3661062** CODING DEVICE, DECODING DEVICE, CODING METHOD, DECODING METHOD, CODING PROGRAM, DECODING PROGRAM. Nippon Telegraph And Telephone Corporation
- 3661068** WIRELESS POWER TRANSMITTER, WIRELESS POWER RECEIVER AND CONTROL METHOD THEREOF. Samsung Electronics Co., Ltd.
- 3661112** LOW-COMPLEXITY PRIMARY SYNCHRONIZATION SEQUENCES. Texas Instruments Incorporated
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- 3662746** INTELLIGENT WATERING SYSTEM. HUSQVARNA AB
- 3663896** KEY STRUCTURE AND SWITCHING METHOD THEREOF. Acer Incorporated
- 3664036** METHOD AND SYSTEM FOR CALCULATING AN OUTPUT OF A SCROLLABLE STACK OF IMAGES PROVIDED BY A TOMOGRAPHER. Siemens Healthcare GmbH
- 3664254** DETECTING FOREIGN OBJECTS IN WIRELESS POWER TRANSFER SYSTEMS. MediaTek Inc.
- 3664303** WIRELESS COMMUNICATION SYSTEM. Tyco Fire & Security GmbH
- 3665473** PARALLEL PLATE CAPACITOR SYSTEM AND METHOD FOR DETERMINING IMPEDANCE CHARACTERISTICS OF MATERIAL UNDER TEST (MUT). Transtech Systems, Inc.
- 3665670** DRIVING CIRCUIT OF DISPLAY PANEL, DRIVING METHOD THEREOF, AND DISPLAY PANEL. BOE Technology Group Co., Ltd.
- 3666082** A COMPOSITION CONTAINING HIGHLY UNSATURATED FATTY ACID OR ALKYL ESTER THEREOF AND A METHOD FOR PRODUCING THE SAME. NIPPON SUISAN KAISHA, LTD.
- 3666203** DEFLECTABLE INSERTION TOOL. Biosense Webster (Israel) Ltd.
- 3666211** MAGNETIC ROBOT SYSTEM. IUCF-HYU (Industry-University Cooperation Foundation Hanyang University)
- 3667606** GRAPHICS CONTROL FLOW MECHANISM. INTEL Corporation
- 3668000** WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION DEVICE. Panasonic Intellectual Property Corporation of America
- 3668048** METHODS AND APPARATUSES FOR BOOTSTRAPPING MACHINE-TO-MACHINE SERVICE. Samsung Electronics Co., Ltd.
- 3668070** CONCURRENT AUDIO STREAMING TO MULTIPLE WIRELESS AUDIO OUTPUT DEVICES. Apple Inc.
- 3668136** METHOD FOR ARRANGING TRANSMISSIONS ON A DOWNLINK CARRIER. Huawei Technologies Co., Ltd.
- 3668243** METHOD FOR TRANSMITTING/RECEIVING DATA IN WIRELESS COMMUNICATION SYSTEM, AND DEVICE FOR SUPPORTING SAME. LG Electronics Inc.
- 3668302** A SYSTEM FOR CONTROLLING SOIL COMPACTION CAUSED BY WHEELS, AND USE OF SUCH SYSTEM. Agro Intelligence ApS
- 3671215** BIOMARKERS. Stichting VUmc
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- 3671233** PHASED ARRAY CALIBRATION APPARATUS. Huawei Technologies Co., Ltd.
- 3672198** METHOD, DEVICE AND SYSTEM FOR ASSIGNING ACK CHANNELS TO USERS. Huawei Technologies Co. Ltd.
- 3672223** DATA PROCESSING METHOD, ELECTRONIC DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3672271** SIGNAL TRANSMITTING METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3672297** ROAMING SWITCHING METHOD, CENTRAL CONTROL DEVICE AND CLIENT. Huawei Technologies Co. Ltd.
- 3673144** KINETIC SHEAR RAM FOR WELL PRESSURE CONTROL APPARATUS. Kinetic Pressure Control, Ltd.
- 3673801** SYSTEMS FOR BREACHING A STERILE FIELD FOR INTRAVASCULAR PLACEMENT OF A CATHETER. C. R. Bard, Inc.
- 3674138** VEHICLE LED LINEAR LIGHTING MODULE. Excellence Optoelectronics Inc.
- 3674438** PREPARATION METHOD FOR HIGH INSULATION NANO-PROTECTIVE COATING HAVING MODULATION STRUCTURE. Jiangsu Favored Nanotechnology Co., Ltd.
- 3674484** CONCRETE STRUCTURE AND METHOD FOR MANUFACTURING SAME. Sumitomo Electric Industries, Ltd.
- 3674513** RUNNING TOOL FOR EXPANDABLE LINER HANGER AND ASSOCIATED METHODS. Halliburton Energy Services, Inc.
- 3675128** SHIFT REGISTER, DRIVE METHOD THEREOF, DRIVE CONTROL CIRCUIT, AND DISPLAY DEVICE. BOE Technology Group Co., Ltd.
- 3675294** ROTARY CONNECTOR AND METHOD FOR ASSEMBLING SAME. Alps Alpine Co., Ltd.
- 3678124** SHIFT REGISTER UNIT, DRIVING APPARATUS, DISPLAY APPARATUS, AND DRIVING METHOD. BOE Technology Group Co., Ltd.; Chongqing BOE Optoelectronics Technology Co., Ltd.
- 3678181** MANUFACTURING METHOD FOR LIGHT-EMITTING LAYER, ELECTROLUMINESCENT DEVICE AND DISPLAY DEVICE. BOE Technology Group Co., Ltd.
- 3679308** PULSE TUBE CRYOCOOLER WITH AXIALLY-ALIGNED COMPONENTS. Raytheon Company
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- 3679822** COMPONENTS FOR ARTICLES OF FOOTWEAR INCLUDING LIGHTWEIGHT, SELECTIVELY SUPPORTED TEXTILE COMPONENTS. NIKE Innovate C.V.
- 3680215** METHOD FOR MANUFACTURING NANO-CARBON MICROPARTICLE. WU, Peng; Cai, Yanting
- 3680371** CIRCULAR COMB UNITS WITH A CIRCULAR COMB ATTACHED TO A SHAFT. Staedtler + Uhl KG
- 3680480** MOUNTING FRAME, ENERGY STORAGE UNIT, PITCH SYSTEM, WIND TURBINE AND METHOD. Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
- 3680746** OPERATING DEVICE. Alps Alpine Co., Ltd.
- 3680747** OPERATING DEVICE. Alps Alpine Co., Ltd.
- 3683162** ROTATING STACK PALETTE CONTAINER. Schoeller Allibert GmbH
- 3683553** GAS FLOW METERING GAS CHAMBER AND GAS FLOW METER. Hubei Cubic-ruiyi Instrument Co., Ltd
- 3686379** HANDLE DEVICE, IN PARTICULAR OF A DOOR OR WINDOW. FERCO
- 3687757** TOOL FOR PROCESSING FOAMABLE AND/OR PRE-FOAMED PLASTIC PARTICLES. Siegfried Hofmann GmbH
- 3688565** TOUCH CONTROL MODULE AND FABRICATING METHOD THEREOF AND TOUCH CONTROL DISPLAY APPARATUS. BOE Technology Group Co., Ltd.
- 3689633** METHOD OF PROVIDING A SUBSTRATE.. Nautilus (GB) Limited
- 3690191** INSULATED SEAL SEAT. Raytheon Technologies Corporation
- 3690461** APPARATUS AND METHOD FOR DIAGNOSING A BATTERY. LG Energy Solution, Ltd.
- 3691041** VERTICAL-TYPE DIRECT PCB CONNECTOR. LG Energy Solution, Ltd.
- 3691362** INTER-CARRIER D2D RESOURCE ALLOCATION. Telefonaktiebolaget LM Ericsson (publ)
- 3692890** METHOD AND SYSTEM FOR DETERMINING THE REFRACTIVE PROPERTIES OF AN EYE OF A CHILD. Carl Zeiss Vision International GmbH
- 3693645** CONTROL VALVE WITH THROTTLE BODY WITH SEVERAL CHANNELS RUNNING HELICALLY. Samson Aktiengesellschaft
- 3693722** AUTOMATED SYSTEMS AND METHODS FOR PREPARING BIOLOGICAL SPECIMENS FOR EXAMINATION. Roche Diagnostics Hematology, Inc.
- 3695802** SURGICAL IMPLANT FOR MARKING SOFT TISSUE. Hologic, Inc.
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- 3695810** APPARATUS FOR RETRIEVAL OF TRANSCATHETER PROSTHETIC VALVES. Tendyne Holdings, Inc.
- 3696146** FILTER BAG PURE WATER SYSTEMS. Unger Marketing International, LLC
- 3696169** MANUFACTURING PROCESS FOR AMIFAMPRIDINE PHOSPHATE.  
Alfred E. Tiefenbacher (GmbH & Co. KG)
- 3696781** MOTION SENSOR ADJUSTMENT. Google LLC
- 3696813** AUDIO ENCODER FOR ENCODING AN AUDIO SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAM UNDER CONSIDERATION OF A DETECTED PEAK SPECTRAL REGION IN AN UPPER FREQUENCY BAND. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3697006** METHOD AND APPARATUS FOR SENDING AND RECEIVING UPLINK CONTROL INFORMATION. HUAWEI TECHNOLOGIES CO., LTD.
- 3697062** SECONDARY AUTHORIZATION AT PDU SESSION ESTABLISHMENT FOR HOME ROUTED ROAMING. Telefonaktiebolaget LM Ericsson (publ)
- 3698731** SURGICAL BUR WITH NON-PAIRED FLUTES. Medtronic PS Medical, Inc.
- 3699608** POWER SUPPLY DEVICE. YAZAKI CORPORATION
- 3699796** MESSAGE REPORT PROCESSING AND THREAT PRIORITIZATION.  
Cofense Inc.
- 3701199** AIR CLEANER. Samsung Electronics Co., Ltd.
- 3701325** ELECTRONIC DEVICES HAVING DISPLAYS WITH EXPANDED EDGES.  
Apple Inc.
- 3701489** MEMORY MANAGEMENT IN GAMING RENDERING. Google LLC
- 3701715** ELECTRONIC APPARATUS AND METHOD FOR CONTROLLING THEREOF. Samsung Electronics Co., Ltd.
- 3702703** REFRIGERATOR INCLUDING ICE MAKING DEVICE. LG Electronics Inc.
- 3703454** COMMUNICATION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE. Huawei Technologies Co., Ltd.
- 3704020** RECLINER SOFA SYSTEM FOR ECONOMY CLASS SEAT. Safran Seats USA LLC
- 3705302** CYLINDER WITH RECESSED PORTIONS FOR HOLDING TUBULAR ARTICLES FOR PRINTING. NIKE Innovate C.V.
- 3706467** METHOD AND DEVICE FOR CONTROLLING DATA REPLICATION FUNCTION AND COMPUTER STORAGE MEDIUM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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- 3707950** METHOD AND APPARATUS FOR DOWNLINK CONTROL INFORMATION COMMUNICATION AND INTERPRETATION. Huawei Technologies Co., Ltd.
- 3708256** CONTACT-LESS PRIMING METHOD FOR LOADING A SOLUTION IN A MICROFLUIDIC DEVICE AND ASSOCIATED SYSTEM. Stilla Technologies
- 3708398** SEALING SYSTEM FOR WAGON SLIDING WALLS. Tatravagónka, a.s.
- 3708576** METHOD FOR PREPARING AMG 416. Amgen Inc.
- 3710859** LIGHT DETECTION AND RANGING SENSORS WITH MULTIPLE EMITTERS AND MULTIPLE RECEIVERS, AND ASSOCIATED SYSTEMS AND METHODS. SZ DJI Technology Co., Ltd.
- 3711448** MAC RESET PROCEDURES. TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
- 3711810** TISSUE EXPANSION SYSTEMS. Fractyl Health, Inc.
- 3711828** SCHEME FOR DETECTING AND TRACKING USER MANIPULATION OF A GAME CONTROLLER BODY AND FOR TRANSLATING MOVEMENTS THEREOF INTO INPUTS AND GAME COMMANDS. Sony Interactive Entertainment LLC
- 3712208** THERMOSETTING RESIN COMPOSITION FOR SEMICONDUCTOR PACKAGE, PREPREG, AND METAL-CLAD LAMINATE. LG CHEM, LTD.
- 3712792** METHOD AND SYSTEM FOR PROVISIONING ACCESS DATA TO MOBILE DEVICE. Visa International Service Association
- 3712892** SMART SOURCE PROCESSING FOR AUDIO. Sonos Inc.
- 3713653** TEMPORARY GAME CONTROL BY USER SIMULATION FOLLOWING LOSS OF ACTIVE CONTROL. Google LLC
- 3714701** COMPOSITION FOR TYPE IV ALLERGY. Sone Farm Co., Ltd.
- 3715815** SYSTEM AND METHOD FOR MONITORING THE DEGRADATION STATUS OF REFUELING HOSES. Airbus Defence and Space, S.A.U.
- 3718038** LOGIC CIRCUITRY. Hewlett-Packard Development Company, L.P.
- 3718390** BOOM MOWER HEAD FOR MOUNTING ON A COMMERCIAL VEHICLE. Schelling Nutzfahrzeuge GmbH
- 3718458** SPRAY ARM FOR A DISHWASHER. Miele & Cie. KG
- 3718459** DISHWASHER, IN PARTICULAR A DOMESTIC DISHWASHING MACHINE. Miele & Cie. KG
- 3718460** DISHWASHER, IN PARTICULAR A DOMESTIC DISHWASHING MACHINE. Miele & Cie. KG
- 3718461** DISHWASHER, IN PARTICULAR A DOMESTIC DISHWASHING MACHINE. Miele & Cie. KG
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- 3718517** COLLECTING DEVICE FOR OFFCUTS. Hohmuth, Horst
- 3718593** TRANSURETHRAL CATHETER DEVICE FOR BLEEDING CONTROL IN PELVIC FRACTURES. Universität Regensburg - Universitätsklinikum
- 3718659** AUTOMATION DEVICE. Horstkemper Maschinenbau GmbH
- 3718692** METHOD AND DEVICE FOR FINISHING WORKPIECES. Rösler Holding GmbH
- 3718696** PRESS TOOL WITH MARKING FOR A FITTING WITH PRESS TAB. Geberit International AG
- 3718718** GUIDING DEVICE IN A MOULDING MACHINE AND MOULDING MACHINE WITH SUCH A GUIDING DEVICE. KOBRA Formen GmbH
- 3718760** A HONEYCOMB STRUCTURE AND A METHOD FOR MANUFACTURING THEREOF. Wojcik, Grzegorz
- 3718796** EVALUATION SYSTEM FOR THE CONDITION EVALUATION OF A PASSENGER. Ford Global Technologies, LLC
- 3718830** ONE PIECE LOAD DISTRIBUTION DEVICE. Volvo Car Corporation
- 3718844** PISTON ASSEMBLY FOR AN UNLOADER VALVE OF AN AIR COMPRESSOR. KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
- 3718883** METHOD FOR CONTROLLING A BRAKING DEVICE. Safran Landing Systems
- 3718888** RECEIVING SYSTEM FOR ROLLABLE CONTAINERS IN A VEHICLE AND VEHICLE COMPRISING SUCH A SYSTEM. Airbus Operations GmbH
- 3718889** STORAGE AND RETRIEVAL SYSTEM FOR ROLLABLE CONTAINER IN A VEHICLE AND VEHICLE COMPRISING SUCH A SYSTEM. Airbus Operations GmbH
- 3718890** STORAGE AND RETRIEVAL SYSTEM FOR CONTAINER IN A VEHICLE AND VEHICLE COMPRISING SUCH A SYSTEM. Airbus Operations GmbH
- 3718939** DEVICE AND METHOD FOR DETECTING THE PRESENCE OF ABNORMALITIES IN A REEL. Fitesa Nãotecidos S.A.
- 3718962** A METHOD FOR FORMING A VERTICAL NANOWIRE OR NANOSHEET FIELD-EFFECT TRANSISTOR. IMEC vzw
- 3718980** METHOD FOR THE PREPARATION OF MULTICOLOUR GLASS CERAMIC BLANKS. Ivoclar Vivadent AG
- 3719077** SILOXANE-CONTAINING BLOCK COPOLYCARBONATES WITH SMALL DOMAIN SIZES. Covestro Deutschland AG
- 3719141** METHOD, LYSIS SOLUTION AND KIT FOR SELECTIVELY DEPLETING ANIMAL NUCLEIC ACIDS IN A SAMPLE. QIAGEN GmbH
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- 3719148** HIGH-HARDNESS STEEL PRODUCT AND METHOD OF MANUFACTURING THE SAME. SSAB Technology AB
- 3719216** A CONTROL METHOD OF ACTUATING A MOVEMENT OF AT LEAST ONE OF A BOOM AND AN IMPLEMENT CONNECTED TO THE BOOM IN A WORK VEHICLE, A CORRESPONDING CONTROL SYSTEM AND A WORK VEHICLE COMPRISING SUCH CONTROL SYSTEM. CNH Industrial Italia S.p.A.
- 3719217** A CONTROL METHOD FOR ACTUATING A RETURN-TO-DIG MOVEMENT OF AN IMPLEMENT, SUCH AS A BUCKET, IN A WORK VEHICLE, A CORRESPONDING CONTROL SYSTEM AND A WORK VEHICLE COMPRISING SUCH CONTROL SYSTEM. CNH Industrial Italia S.p.A.
- 3719218** A CONTROL METHOD FOR ACTUATING A MOVEMENT INVERSION OF AT LEAST ONE OF A BOOM AND AN IMPLEMENT IN A WORK VEHICLE, A CORRESPONDING CONTROL SYSTEM AND A WORK VEHICLE COMPRISING SUCH CONTROL SYSTEM. CNH Industrial Italia S.p.A.
- 3719219** A CONTROL METHOD FOR ACTUATING A COMBINED MOVEMENT OF A BOOM AND AN IMPLEMENT IN A WORK VEHICLE, A CORRESPONDING CONTROL SYSTEM AND A WORK VEHICLE COMPRISING SUCH CONTROL SYSTEM. CNH Industrial Italia S.p.A.
- 3719220** A CONTROL METHOD OF ACTUATING A MOVEMENT OF AT LEAST ONE OF A BOOM AND AN IMPLEMENT CONNECTED TO THE BOOM IN A WORK VEHICLE POWERED BY A MOTOR, A CORRESPONDING CONTROL SYSTEM AND A WORK VEHICLE COMPRISING SUCH CONTROL SYSTEM. CNH Industrial Italia S.p.A.
- 3719221** A CONTROL METHOD FOR ACTUATING A SHAKE MOVEMENT OF A BUCKET CONNECTED TO A BOOM IN A WORK VEHICLE POWERED BY A MOTOR, A CORRESPONDING CONTROL SYSTEM AND A WORK VEHICLE COMPRISING SUCH CONTROL SYSTEM. CNH Industrial Italia S.p.A.
- 3719226** FLUSH VALVE. Geberit International AG
- 3719233** LIGHTWEIGHT SCAFFOLD PLANK. ALTRAD plettac assco GmbH
- 3719236** FORMWORK SUPPORT, SUPPORT DEVICE AND CEILING FORMWORK. DOKA GmbH
- 3719237** FORMWORK GIRDER, FORMWORK GIRDER DEVICE AND CEILING FORMWORK. DOKA GmbH
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- 3719238** SUPPORTING HEAD, FORMWORK SUPPORT AND CEILING FORMWORK. DOKA GmbH
- 3719248** SYSTEM AND METHOD FOR IMPROVED HEAVE COMPENSATION. Grant Prideco, Inc.
- 3719256** AIRCRAFT COMPONENT REPAIR SYSTEM AND PROCESS. Raytheon Technologies Corporation
- 3719265** ROTATING CARBON PISTON RING SEAL. Raytheon Technologies Corporation
- 3719268** SEAL RUNNER WITH DEFLECTOR AND CATCHER FOR GAS TURBINE ENGINE. Raytheon Technologies Corporation
- 3719280** FLOW MIXER DUCT FOR A BLEED SYSTEM. Airbus Operations, S.L.U.
- 3719296** SPAR CAP FOR A WIND TURBINE BLADE OF A WIND TURBINE, WIND TURBINE BLADE, WIND TURBINE AND METHOD FOR MANUFACTURING A SPAR CAP FOR A WIND TURBINE BLADE OF A WIND TURBINE. Siemens Gamesa Renewable Energy A/S
- 3719297** BEAM FOR A WIND TURBINE BLADE AND MANUFACTURING METHOD THEREFOR. Siemens Gamesa Renewable Energy A/S
- 3719298** BEAM FOR A WIND TURBINE BLADE AND METHOD FOR MANUFACTURING THEREFOR. Siemens Gamesa Renewable Energy A/S
- 3719301** METHOD FOR OPERATING A WIND TURBINE WITH AT LEAST ONE ROTOR BLADE WITH ADJUSTABLE BLADE ANGLE. Nordex Energy SE & Co. KG
- 3719310** ROTOR TURNING DEVICE FOR A WIND TURBINE ROTOR. General Electric Company
- 3719312** WIND TURBINE BLADE AND WIND TURBINE. Siemens Gamesa Renewable Energy A/S
- 3719316** HYDRAULIC OIL SUCTION AND FILTERING ARRANGEMENT FOR A WORK VEHICLE. CNH Industrial Italia S.p.A.
- 3719320** COMPRESSOR. LG Electronics Inc.
- 3719335** LAMINATE, METHOD FOR PRODUCING SAME, LAMINATE COUPLING AND INDUSTRIAL APPLICATION. Flender GmbH
- 3719354** METHOD FOR CONTROLLING THE PRESSURE OF AN ELECTROPNEUMATIC SWITCHING DEVICE. ZF CV Systems Europe BV
- 3719368** ELECTRICAL ISOLATOR AND CORRESPONDING FORMING METHOD. Crompton Technology Group Limited
- 3719371** ELECTRICAL ISOLATOR. Crompton Technology Group Limited
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- 3719382** VEHICLE FUEL PRESSURE REGULATOR WARM-UP BY A TRANSPORTATION REFRIGERATION UNIT REFRIGERANT. Carrier Corporation
- 3719385** ELECTRIC CANDLE. Herrnhuter Sterne GmbH
- 3719394** ILLUMINATION DEVICE AND ASSOCIATED ILLUMINATION SYSTEM, AS WELL AS ADAPTER COMPONENT. A.A.G. Stucchi S.r.l. u.s.
- 3719414** OUTDOOR HEAT EXCHANGER AND AIR-CONDITIONER HAVING THE SAME. LG Electronics Inc.
- 3719453** INTEGRATED SENSOR APPARATUS WITH PRESSURE SENSING ELEMENT AND FLOW SENSING ELEMENT. Honeywell International Inc.
- 3719463** HIGHLY FAILURE TOLERANT TEMPERATURE ACQUISITION FOR THERMOCOUPLE APPLICATIONS. Integrated Device Technology, Inc.
- 3719476** PIPELINE COMPRISING MEASURING DEVICE FOR DETECTING PARTICLES AND APPARATUS FOR TRANSMITTING DATA OUT OF A PIPELINE. QUNDIS GmbH
- 3719477** METHOD FOR OPTICALLY DETECTING BIOMARKERS. Mecwins, S.A.
- 3719495** METHOD AND DEVICE FOR DETERMINING WATER HARDNESS. BSH Hausgeräte GmbH
- 3719527** LORAN DEVICE WITH ELECTRICALLY SHORT ANTENNA AND CRYSTAL RESONATOR AND RELATED METHODS. Eagle Technology, LLC
- 3719533** MULTI-DIMENSIONAL REFLECTION MICROWAVE BARRIER. VEGA Grieshaber KG
- 3719542** DEVICE FOR NON-FULLY INTERCEPTING SENSOR MONITORS FOR IONIZING BEAMS. PAUL SCHERRER INSTITUT
- 3719608** MIXING UNIT AND MIXER TAP COMPRISING SUCH A MIXING UNIT. Vernet
- 3719611** CAMERA MODULE INCLUDING HEAT DISSIPATING STRUCTURE AND ELECTRONIC DEVICE INCLUDING THE SAME. Samsung Electronics Co., Ltd.
- 3719663** ITERATIVE MULTI-ATTRIBUTE INDEX SELECTION FOR LARGE DATABASE SYSTEMS. Hasso-Plattner-Institut für Digital Engineering gGmbH
- 3719789** SOUND SIGNAL PROCESSOR AND SOUND SIGNAL PROCESSING METHOD. YAMAHA CORPORATION
- 3719790** SOUND SIGNAL PROCESSOR AND SOUND SIGNAL PROCESSING METHOD. YAMAHA CORPORATION
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- 3719932** POWER CONNECTOR, METHOD OF MANUFACTURING THE SAME, AND ELECTRICAL CONNECTION ASSEMBLY. Intercable Automotive Solutions GmbH
- 3719947** ELECTRICAL PROTECTION METHODS AND SYSTEMS. Schneider Electric Industries SAS
- 3719982** THREE-PHASE AC TO DC POWER CONVERTER. ABB Schweiz AG
- 3719993** A RADIO FREQUENCY POWER AMPLIFIER SYSTEM AND A METHOD OF LINEARIZING AN OUTPUT SIGNAL THEREOF. QuantalRF AG
- 3719995** DEVICE FOR MAINTAINING OPERATION STATE OF RELAY. Samsung SDI Co., Ltd.
- 3720022** METHOD FOR TRANSMITTING UPLINK CONTROL INFORMATION, AND RELATED PRODUCT. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3720046** KEY-ATTESTATION-CONTINGENT CERTIFICATE ISSUANCE. Microsoft Technology Licensing, LLC
- 3720130** SYSTEM AND METHOD FOR RENDERING AND PRE-ENCODED LOAD ESTIMATION BASED ENCODER HINTING. Zenimax Media Inc.
- 3720150** SIGNAL PROCESSOR AND SIGNAL PROCESSING METHOD. YAMAHA CORPORATION
- 3720218** METHOD FOR DETERMINING CHANNEL RESOURCES, DEVICE, AND COMPUTER STORAGE MEDIUM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3720240** ELECTRONIC DEVICE, METHOD OF OPERATING ELECTRONIC DEVICE AND A NON-TRANSITORY COMPUTER-READABLE MEDIUM TO SELECT A MODE FOR AN ELECTRONIC DEVICE. Samsung Electronics Co., Ltd.
- 3721698** WEED SEED BASED HARVESTER WORKING MEMBER CONTROL. Deere & Company
- 3721704** A PROTECTION SYSTEM FOR AGRICULTURAL CROPS. Montanari, Marco
- 3721844** ABSORBENT ARTICLE COMPRISING ATTACHMENT REGIONS. The Procter & Gamble Company
- 3721936** ELECTRODE ARRAY AND BIOARTIFICIAL IMPLANT SYSTEM INCLUDING THE SAME. Todoc Co., Ltd.
- 3721939** DEVICE FOR AESTHETIC TREATMENT OF BIOLOGICAL STRUCTURES BY RADIOFREQUENCY AND MAGNETIC ENERGY. BTL Healthcare Technologies a.s.
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- 3721946** HARNESS WITH COMPACT ADJUSTMENT DEVICE. Zedel
- 3721959** TILE LIGHTING METHODS AND SYSTEMS. Signify North America Corporation
- 3722000** FLUID DELIVERY METHOD AND ANALYSIS DEVICE. ARKRAY, Inc.
- 3722010** METHOD FOR PRODUCING A HIGHLY ABRASION-RESISTANT DECORATIVE FILM BY MEANS OF ROTARY SCREEN PRINTING. SURTECO GmbH
- 3722057** SLICING FOOD PRODUCTS. Weber Maschinenbau GmbH Breidenbach
- 3722074** METHOD OF PREVENTING FLUID COLLECTION / SUCTION IN ADDITIVE MANUFACTURING OF 3D OBJECTS. DENTSPLY SIRONA Inc.; Sirona Dental Systems GmbH
- 3722075** THREE-DIMENSIONAL PRINTING SYSTEM OPTIMIZING SEAMS BETWEEN ZONES FOR MULTIPLE ENERGY BEAMS. LayerWise N.V.
- 3722100** PRINTING APPARATUS. Seiko Epson Corporation
- 3722110** TIRE TREAD WITH STUD ARRANGEMENT. The Goodyear Tire & Rubber Company
- 3722133** VENTILATION DEVICE FOR MOTOR VEHICLE AND ASSEMBLY METHOD. Flex-N-Gate France
- 3722136** DISPLAY IN STEERING WHEEL RIDE DOWN. Volvo Car Corporation
- 3722153** IMPROVED SAFETY DEVICE FOR VEHICLES. Ribighini, Antonio
- 3722166** BRAKING CIRCUIT FOR THE BRAKING OF A VEHICLE. SAFIM S.r.l.
- 3722178** CAR FOR RAILWAY VEHICLE COMPRISING AT LEAST ONE TRANSPARENT WINDOW WITH TELECOMMUNICATION WAVES AND AT LEAST ONE OPAQUE WINDOW WITH TELECOMMUNICATION WAVES, AND ASSOCIATED RAILWAY VEHICLE. SpeedInnov
- 3722189** FRONT SPOILER ASSEMBLY FOR A MOTOR VEHICLE. Apollo Tyres Global R&D B.V.
- 3722209** PASSENGER ENTERTAINMENT DEVICE, PASSENGER SEAT ARRANGEMENT AND VEHICLE. Airbus Operations GmbH
- 3722330** NEW ADDITIVE MADE OF WATER-SOLUBLE POLYMERS AND USES THEREOF. SPCM SA
- 3722430** NOVEL PROMOTER AND PURINE NUCLEOTIDE PRODUCTION METHOD USING SAME. Cj Cheiljedang Corporation
- 3722474** DEVICE FOR A FLAT KNITTING MACHINE FOR INSERTING INSERTS. KARL MAYER STOLL R&D GmbH
- 3722485** WASHING MACHINE. LG Electronics Inc.
- 3722486** WASHING MACHINE. LG ELECTRONICS INC.
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- 3722488** WASHING MACHINE. LG Electronics Inc.
- 3722489** WASHING MACHINE. LG Electronics Inc.
- 3722507** PORTABLE RAZOR WIRE RAPID DEPLOYMENT UNIT. Allied Tube & Conduit Corporation
- 3722511** DYNAMIC AUTONOMOUS SOIL MOISTURE CONTROL. Trimble Inc.
- 3722512** EXCAVATION DEVICE AND METHOD FOR OPERATING SAME. BAUER Maschinen GmbH
- 3722524** INTEGRATED HEIGHT-ADJUSTABLE WASHBASIN DEVICE. UD SYSTEM CO., LTD
- 3722553** SUBSEA CONTROL SYSTEM. NOV Process & Flow Technologies AS
- 3722559** TURBINE ENGINE FOR AN AIRCRAFT. SAFRAN AIRCRAFT ENGINES
- 3722599** ELECTROMAGNETIC GROUNDING ARRANGEMENT. Siemens Gamesa Renewable Energy A/S
- 3722600** ACTIVE CLAMPING SYSTEM FOR ROAD TRANSPORTATION OF A WIND TURBINE BLADE AND RELATED METHOD. VESTAS WIND SYSTEMS A/S
- 3722620** HYDRAULICALLY ACTUATED SUBMERSIBLE CLAMPING CYLINDER WITH FORCE RETENTION. Robert Bosch GmbH
- 3722628** ROLLER BEARING, WIND TURBINE AND METHOD FOR CONTROLLING THE SAME. SKF (China) Co Ltd; Aktiebolaget SKF
- 3722652** STORAGE CONTAINER FOR LOW TEMPERATURE LIQUEFIED GAS. MAGNA STEYR Fahrzeugtechnik AG & Co KG
- 3722656** LIGHTING DEVICE. ARTEMIDE S.p.A.
- 3722662** LIGHTING MODULE. Motherson Innovations Company Limited
- 3722680** METHOD FOR CARRYING OUT A HYDRAULIC ADJUSTMENT OF A HEATING SYSTEM FOR A BUILDING AND HEATING SYSTEM DESIGNED FOR THIS PURPOSE. REHAU Industries SE & Co. KG
- 3722690** AIR CONDITIONER AND METHOD OF CONTROLLING THE SAME. Samsung Electronics Co., Ltd.
- 3722706** THERMAL CYCLE SYSTEM AND CONTROL METHOD FOR A THERMAL CYCLE SYSTEM. Carrier Corporation
- 3722724** FLUID-TIGHT JOINT FOR HEAT EXCHANGER AND HEAT EXCHANGER COMPRISING SUCH A JOINT.. João de Deus & Filhos, S.A.
- 3722784** LIQUID SAMPLE ANALYSIS METHOD AND LIQUID SAMPLE ANALYSIS DEVICE. ARKRAY, Inc.
- 3722785** SAMPLE CUVETTE. Stratec SE
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- 3722800** METHOD FOR DETERMINING THE GEOMETRY OF A DEFECT ON THE BASIS OF NONDESTRUCTIVE MEASUREMENT METHOD USING DIRECT INVERSION. Rosen Swiss AG
- 3722807** MICROFLUIDIC DEVICE FOR MEASURING CELL IMPEDANCE AND TRANSEPITHELIAL ELECTRICAL RESISTANCE. Technische Universität Wien
- 3722817** ACTIVE BIMODAL AFM OPERATION FOR MEASUREMENTS OF OPTICAL INTERACTION. attocube systems AG
- 3722839** DETERMINING A VERTICALLY TRANSVERSE ISOTROPY (VTI) ANISOTROPY ALONG A HORIZONTAL SECTION OF A WELLBORE DRILLED INTO A FORMATION. Chevron U.S.A. Inc.
- 3722847** LOW DIAMETER OPTICAL FIBER. Corning Incorporated
- 3722853** OVERHEAD POWER LINE MADE TO PREVENT SNOW SLEEVES ACCRETION. Tratos Cavi S.p.A.
- 3722884** IMAGE FORMING APPARATUS. Ricoh Company, Ltd.
- 3722894** CONTROL AND MONITORING OF PHYSICAL SYSTEM BASED ON TRAINED BAYESIAN NEURAL NETWORK. Robert Bosch GmbH
- 3722899** METHOD OF AND APPARATUS FOR CONTROLLING A TECHNICAL DEVICE. ETM professional control GmbH
- 3722907** LEARNING A SCENARIO-BASED DISTRIBUTION OF HUMAN DRIVING BEHAVIOR FOR REALISTIC SIMULATION MODEL AND DERIVING AN ERROR MODEL OF STATIONARY AND MOBILE SENSORS. Bayerische Motoren Werke Aktiengesellschaft
- 3722908** LEARNING A SCENARIO-BASED DISTRIBUTION OF HUMAN DRIVING BEHAVIOR FOR REALISTIC SIMULATION MODEL. Bayerische Motoren Werke Aktiengesellschaft
- 3722909** TRANSPORT SYSTEM FOR TRANSPORTING TRANSPORT PIECES. Siemens Aktiengesellschaft
- 3722914** CONDENSING DEVICE. Asia Pacific Mega Trade Limited
- 3722932** DISPLAY CONTROL DEVICE AND DISPLAY CONTROL METHOD. Clarion Co., Ltd.
- 3722942** RUNNING INTEGRATION TESTS USING UNIT TESTS. The Boeing Company
- 3722979** AUTHENTICATION OF A POWER SUPPLY TO A MICROCONTROLLER. NXP B.V.
- 3722992** SYSTEM AND METHOD FOR PRE-PROCESSING IMAGES CAPTURED BY A VEHICLE. Teraki GmbH
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- 3723105** REINFORCED SUPERCONDUCTING WIRE. Bruker Switzerland AG
- 3723122** COMPONENT CARRIER COMPRISING A DOUBLE LAYER STRUCTURE.  
AT & S Austria Technologie & Systemtechnik Aktiengesellschaft
- 3723206** CONNECTABLE ELECTRIC DEVICE TO A TEXTILE CONDUCTIVE  
BAND. Vibia Lighting S.L.
- 3723208** A METHOD FOR MANUFACTURING A MALE POWER TERMINAL, AND  
MALE POWER TERMINAL. Aptiv Technologies Limited
- 3723280** OSCILLATING SHUTTER WITH SOLAR ENERGY CONVERSION.  
Cruchon, Jean Claude
- 3723283** NEGATIVE IMPEDANCE CIRCUIT FOR REDUCING AMPLIFIER NOISE.  
MediaTek Singapore Pte. Ltd.
- 3723327** SYSTEM AND METHOD FOR COMMUNICATION IN AN INDUSTRIAL  
ENVIRONMENT. Cumucore Oy
- 3723334** METHOD AND COMMUNICATION SYSTEM FOR RADIO-BASED  
COMMUNICATION DATA TRANSMISSION. Deutsches Zentrum für Luft-  
und Raumfahrt e.V.
- 3723339** SECURE RELEASE OF PROTECTED FUNCTION. myneva Group GmbH
- 3723347** INTERFACE FOR SUPPORTING INTEGRATION WITH CLOUD-BASED  
SERVICE PROVIDERS. ServiceNow, Inc.
- 3723420** METHOD AND SYSTEM FOR THE CONTROL OF DISCONTINUOUS  
RECEPTION IN A WIRELESS NETWORK. BlackBerry Limited
- 3723462** COOLING SYSTEM, IN PARTICULAR FOR ELECTRONICS CABINETS,  
AND ELECTRONICS CABINET WITH A COOLING SYSTEM. Pfannenberg  
GmbH
- 3723463** HEAT EXCHANGER WITH INTEGRATED TWO-PHASE HEAT  
SPREADER. ABB Schweiz AG
- 3723576** DEVICE AND METHOD FOR PERFORMING AN ENDOSCOPIC  
EXAMINATION FREE FROM CONTAMINATION. Kress, Jürgen
- 3723870** FAN FILTER SYSTEM FOR POTENTIALLY EXPLOSIVE AREAS AND  
METHOD FOR OPERATING A FAN FILTER DEVICE. Dräger Safety AG &  
Co. KGaA
- 3724456** ROTOR WITH FOR CENTRIFUGAL FORCES OPTIMIZED CONTACT  
SURFACES. Siemens Energy Global GmbH & Co. KG
- 3725140** SHOVEL SPADE FOR PICKING UP, LOOSENING AND/OR REMOVING  
MATERIALS. TurfPro Maschinen und Motorgeräte GmbH
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- 3725181** DEVICE FOR OPENING AND CLOSING AN ARTICLE, ESPECIALLY MADE OF LEATHER, AND ARTICLE COMPRISING SUCH A DEVICE.  
Hermes Sellier
- 3725190** EGG HOLDER FOR AN EGG PROCESSING DEVICE. Bergmeier, Gerd
- 3725227** METHOD OF CALIBRATING X-RAY PROJECTION GEOMETRY IN X-RAY CONE BEAM COMPUTED TOMOGRAPHY. DENTSPLY SIRONA Inc.; Sirona Dental Systems GmbH
- 3725250** ELECTRICAL SURGICAL INSTRUMENT WITH JOINT SEALING. Erbe Elektromedizin GmbH
- 3725262** DENTAL DEFLASKING METHOD AND CASTING MOULD. Ivoclar Vivadent AG
- 3725270** METHODS OF FORMING IMPLANTS WITH POROUS SURFACES USING HEAT BONDING AND CORRESPONDING ORTHOPAEDIC IMPLANT. SMed-TA/TD, LLC
- 3725379** BAR HOLDING DEVICE. bellicon AG
- 3725384** SWING RIDE ATTRACTION WITH CONTROL MEANS FOR CONTROLLING THE SWING. K.I.G. Heerenveen B.V.
- 3725431** FILLING FUNNER FOR FILLING MOLTEN METAL INTO A HOLDING OR DOSING FURNACE. StrikoWestofen GmbH
- 3725463** PNEUMATIC TOOL. Basso Industry Corp.
- 3725474** FOOD COMMINATION SYSTEM. Genius GmbH
- 3725502** METHOD FOR OPERATING A FINE BLANKING SYSTEM. Lapmaster Wolters GmbH
- 3725530** LIQUID EJECTING HEAD AND LIQUID EJECTING APPARATUS. Seiko Epson Corporation
- 3725533** TAPELESS CARRIER FOR MECHANICALLY FIXING TUBE-SHAPED OBJECTS. Tyco Electronics UK Ltd
- 3725538** MULTIFUNCTION WRITING INSTRUMENT. Société BIC
- 3725588** VEHICLE SEAT FOR A MOTOR VEHICLE. Volkswagen Aktiengesellschaft
- 3725601** SURFACE CLEANING APPARATUS, SENSOR COMPRISING A SURFACE CLEANING APPARATUS AND VEHICLE COMPRISING A SENSOR.  
Kautex Textron GmbH & Co. KG
- 3725643** STEERING CONTROL SYSTEM. DENSO CORPORATION; TOYOTA JIDOSHA KABUSHIKI KAISHA; JTEKT CORPORATION
- 3725652** METHOD FOR REPAIRING A VEHICLE BODY. EDAG Engineering GmbH
- 3725663** HATCH COVER AND METHOD FOR CONFIGURING A HATCH COVER.  
Neptun Ship Design GmbH
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- 3725687** AIRCRAFT BEACON LIGHT AND AIRCRAFT COMPRISING AN AIRCRAFT BEACON LIGHT. Goodrich Lighting Systems GmbH
- 3725732** VEHICLE LIFTING MECHANISM AND AUTOMATIC POWER CONVERSION SYSTEM. NIO (Anhui) Holding Co., Ltd
- 3725784** A PROCESS FOR THE CHAIN GROWTH POLYMERIZATION OF FUNCTIONALIZED ALPHA-ANGELICA LACTONE MONOMERS. Henkel AG & Co. KGaA
- 3725859** GLUE STICK COMPOSITION. Société BIC
- 3725938** WASHING MACHINE. Samsung Electronics Co., Ltd.
- 3725950** SLOTTED WALL GRIPPER AND METHOD FOR CREATING A SLOT IN THE GROUND. BAUER Maschinen GmbH
- 3725951** SLOTTED WALL GRIPPER AND METHOD FOR CREATING A SLOT IN THE GROUND. BAUER Maschinen GmbH
- 3725952** SYSTEMS AND METHODS FOR CONTROL OF A WORK VEHICLE. CNH Industrial Italia S.p.A.
- 3725989** MAGNETIC LOCK WITH FIXING STRUCTURE. Soyal Technology Co., Ltd.
- 3726008** TRANSITION DUCT FOR A GAS TURBINE ASSEMBLY AND GAS TURBINE ASSEMBLY COMPRISING THIS TRANSITION DUCT. Ansaldo Energia Switzerland AG
- 3726010** ACTIVE MULTI-EFFECTOR CONTROL OF HIGH PRESSURE TURBINE CLEARANCES. Raytheon Technologies Corporation
- 3726045** FILTERING DEVICE FOR THE AIR TAKEN IN BY THE ENGINE OF A CAR AND CAR PROVIDED WITH THE FILTERING DEVICE. BMC S.R.L.
- 3726049** ROTOR BLADE AND METHOD FOR MANUFACTURING A ROTOR BLADE. SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY, S.L.; Siemens Gamesa Renewable Energy A/S
- 3726059** ADAPTIVE CASE FOR A GAS TURBINE ENGINE. Raytheon Technologies Corporation
- 3726067** PASSIVE FLUID VALVE FOR DISTRIBUTING FIXED FLOWS. Safran Aero Boosters S.A.
- 3726069** FIXATION CLIP. Illinois Tool Works Inc.
- 3726097** MECHANICAL GEAR FOR AIRCRAFT TURBINE ENGINE. Safran Transmission Systems
- 3726106** SHUT-OFF FITTING. Peter Skiba Kunststoff GmbH
- 3726114** METHOD FOR PRODUCING AN HERMETICALLY SEALED CONNECTION. Mahmutovic, Nedzib
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- 3726141** COMBUSTOR FOR A GAS TURBINE HAVING A HEAT SHIELD AND A SHELL. Raytheon Technologies Corporation
- 3726154** METHOD AND INSTALLATION FOR COOLING AIR-CONDITIONING WATER BY HEAT EXCHANGE WITH CRYOGENIC LIQUID. L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
- 3726155** VENTILATION SYSTEM AND METHOD FOR CLEANING THE SAME. Hanouna, Aimé
- 3726175** COMPONENTS FOR A FLUID COOLING SYSTEM AND FLUID COOLING SYSTEM COMPRISING THESE COMPONENTS. TechN GmbH
- 3726177** RECOIL MANAGEMENT. Eagle Technology, LLC
- 3726187** THERMOPILE-BASED FLOW SENSING DEVICE. Honeywell International Inc.
- 3726202** METHOD FOR ON-LINE CONTROL OF A SLAG FORMING GASIFICATION PROCESS AND INSTALLATION FOR A GASIFICATION PROCESS. L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE
- 3726282** DISPLAY DEVICE. Samsung Display Co., Ltd.
- 3726311** INPUT MODULE FOR AN INDUSTRIAL CONTROLLER. Rockwell Automation Technologies, Inc.
- 3726312** OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER. Rockwell Automation Technologies, Inc.
- 3726314** METHODS, SYSTEMS, AND HEADER STRUCTURES FOR TOOLING FIXTURE AND POST-CURE FIXTURE CALIBRATION. The Boeing Company
- 3726316** CONTROLLING TECHNICAL EQUIPMENT THROUGH QUALITY INDICATORS USING PARAMETERIZED BATCH-RUN MONITORING. ABB Schweiz AG
- 3726317** COMPUTER-IMPLEMENTED DETERMINATION OF A QUALITY INDICATOR OF A PRODUCTION BATCH-RUN OF A PRODUCTION PROCESS. ABB Schweiz AG
- 3726318** COMPUTER-IMPLEMENTED DETERMINATION OF A QUALITY INDICATOR OF A PRODUCTION BATCH-RUN THAT IS ONGOING. ABB Schweiz AG
- 3726330** METHOD AND SYSTEM FOR FAIL-OPERATIONAL HANDOVER OF SERVICE DURING VEHICLE OPERATION. Bayerische Motoren Werke Aktiengesellschaft
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- 3726340** WAKE-UP CIRCUIT AND METHODOLOGY FOR REDUCING FALSE WAKE-UP EVENTS. NXP USA, Inc.
- 3726377** BOOT ROM GATING CIRCUIT. NXP USA, Inc.
- 3726434** METHOD FOR REDUCING EXHAUST EMISSIONS OF A VEHICLE DRIVE SYSTEM WITH COMBUSTION ENGINE. Robert Bosch GmbH
- 3726439** EDGE LEARNING. HERE Global B.V.
- 3726506** SEALING FILM. Securikett Ulrich & Horn GmbH
- 3726547** METHOD FOR DRYING A TRANSFORMER COMPRISING A MULTI-STAGE COOLING SYSTEM AND COOLING SYSTEM CONTROL FOR SUCH A TRANSFORMER. Siemens Energy Global GmbH & Co. KG
- 3726553** SWITCHING DEVICE. ABB Schweiz AG
- 3726604** SUPERWIDE POUCH TYPE SECONDARY BATTERY WITH DOUBLE TABS. SK On Co., Ltd.
- 3726657** ELECTRICAL CONNECTOR HAVING CONFORMAL PIN ORGANIZER. TE Connectivity Corporation
- 3726664** ROTARY CONNECTOR. YAZAKI CORPORATION
- 3726695** CENTRALIZED CHARGING CABINET. Delta Electronics (Shanghai) Co., Ltd.
- 3726710** A ROTOR OF AN INDUCTION MACHINE AND A METHOD FOR ASSEMBLING A CAGE WINDING OF THE ROTOR. The Switch Drive Systems Oy
- 3726721** MMC SUBMODULE SELECTION. General Electric Technology GmbH
- 3726727** METHOD AND APPARATUS FOR OVER VOLTAGE PROTECTION OF A POWER SYSTEM. GE Aviation Systems LLC
- 3726856** A HEARING DEVICE COMPRISING A KEYWORD DETECTOR AND AN OWN VOICE DETECTOR. Oticon A/S
- 3726935** LIGHTING APPARATUS. LEEDARSON LIGHTING CO., LTD.
- 3729703** INTERLACE HOPPING IN UNLICENSED BAND. Telefonaktiebolaget LM Ericsson (publ)
- 3729949** LOADING CARRIAGE WITH CROP YIELD DETECTION. B. Strautmann & Söhne GmbH u. Co. KG
- 3729951** COOLING OF AN AGRICULTURAL BALER. CNH Industrial Belgium N.V.
- 3730005** METHOD FOR GENERATING AT LEAST ONE RECIPE SUGGESTION, KITCHEN APPLIANCE AND SYSTEM FOR PREPARING FOOD. Vorwerk & Co. Interholding GmbH
- 3730028** APPLIANCE WITH LIGHT GUIDE. Whirlpool Corporation
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- 3730057** METHOD AND APPARATUS FOR GENERATING A PANORAMIC LAYER IMAGE. Sirona Dental Systems GmbH; DENTSPLY SIRONA Inc.
- 3730071** CLAMPING BASED LOCKOUT MECHANISM FOR RIGHT ANGLE SURGICAL STAPLER. Ethicon LLC
- 3730162** DUCTILE COATING FOR AN IMPLANT COMPONENT. Waldemar Link GmbH & Co. KG
- 3730179** GUIDEWIRE WITH TACTILE FEEL. Lake Region Medical, Inc.
- 3730220** DISPENSER FOR DISCHARGING LIQUIDS. Aptar Radolfzell GmbH
- 3730224** DUST REMOVAL SYSTEM. Kraemer, Thilo
- 3730230** CASTING-SHELL MOLD CHAMBER AND METHOD FOR CASTING SINGLE CRYSTAL, FINE CRYSTAL AND NON-CRYSTAL. Zhao, Jingchen
- 3730284** COMPOSITE PANEL SYSTEMS AND METHODS. The Boeing Company
- 3730300** LIQUID EJECTION HEAD, LIQUID EJECTION APPARATUS, AND PRINTING APPARATUS. Canon Kabushiki Kaisha
- 3730301** RECORDING APPARATUS. Seiko Epson Corporation
- 3730315** PNEUMATIC TIRE. The Yokohama Rubber Co., Ltd.
- 3730322** WHEEL SUSPENSION ARRANGEMENT. Ningbo Geely Automobile Research & Development Co. Ltd.
- 3730330** TRANSMISSION STRUCTURE FOR A SERIAL/PARALLEL HYBRID VEHICLE. VOLKSWAGEN AG
- 3730331** METHOD AND DEVICE FOR CONTROLLING A DRIVER ASSISTANCE. Zenuity AB
- 3730335** METHOD FOR THE STAGING OF AN OPERATING MODE CHANGE OF A VEHICLE, SYSTEM FOR THE STAGING OF AN OPERATING MODE CHANGE OF A VEHICLE. VOLKSWAGEN AG
- 3730339** CHARGING AN ELECTRIC VEHICLE. Volvo Car Corporation
- 3730341** ELECTRIC SYSTEM OF A ROAD VEHICLE PROVIDED WITH A DC-DC ELECTRONIC POWER CONVERTER. FERRARI S.p.A.
- 3730345** VEHICLE, IN PARTICULAR CONSTRUCTION VEHICLE, WITH A FRAME AND A PIVOTABLE LOAD HOLDER. Wacker Neuson Linz GmbH
- 3730354** AIRBAG SYSTEM FOR A VEHICLE AND METHOD FOR MANUFACTURING THE AIRBAG SYSTEM. Faurecia Intérieur Industrie
- 3730363** HYDRAULIC SYSTEM AND VEHICLE. Deere & Company
- 3730364** METHOD OF PERFORMING MAINTENANCE OF A LANDING GEAR WHEEL. Airbus Operations Limited
- 3730381** STEERING DEVICE. JTEKT CORPORATION
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- 3730384** SYSTEM AND METHOD FOR TRAJECTORY ESTIMATION. Aptiv Technologies Limited
- 3730403** A HELICOPTER WITH A STABILIZER WING. AIRBUS HELICOPTERS DEUTSCHLAND GmbH
- 3730409** PASSENGER BOARDING BRIDGE WITH A CABIN AND A COUPLING MODULE. Hübner GmbH & Co. KG
- 3730412** AEROSPACE VEHICLE FOR CAPTURING A TARGET OBJECT IN SPACE. Astroscale Japan Inc.
- 3730439** A SOLUTION FOR OPERATING AN ELEVATOR. KONE Corporation
- 3730441** A SOLUTION FOR GENERATING INSPECTION INFORMATION OF A PLURALITY OF SIGNALIZATION ELEMENTS OF AN ELEVATOR SYSTEM. KONE Corporation
- 3730522** METHOD FOR PRODUCING HIGHLY REACTIVE POLYBUTENE. DL Chemical CO., LTD
- 3730553** COMPOSITION COMPRISING AN OXIDIZED POLYETHYLENE WAX, A COLOR MASTERBATCH COMPRISING THE SAME, A PRODUCT COMPRISING THE COLOR MASTERBATCH AND THE USE OF THE COLOR MASTERBATCH. Thai Polyethylene Co., Ltd.
- 3730628** POLYNUCLEOTIDE ADAPTER DESIGN FOR REDUCED BIAS. NEW ENGLAND BIOLABS, INC.
- 3730682** SUPPORT DEVICE FOR AN APRON DRAFTING MACHINE. Saurer Intelligent Technology AG
- 3730695** HEAT-SEALABLE WRAPPING PAPER. Neenah Gessner GmbH
- 3730696** BICYCLE PATH AND / OR FOOTPATH COMPRISING COUPLED ROAD SURFACE PLATES. Lauka Holding B.V.
- 3730718** FACADE DEVICE. Gramm, Ingo; Jung, Michael
- 3730740** PIPE FOR A TURBINE ENGINE STATOR PART. ArianeGroup SAS
- 3730745** ROTATING LEAF SPRING SEAL. Raytheon Technologies Corporation
- 3730763** DYNAMIC THERMAL LOAD MONITORING AND MITIGATION FOR AIRCRAFT SYSTEMS. Raytheon Technologies Corporation
- 3730764** GAS TURBINE WITH MULTI-STAGE RADIAL COMPRESSOR AND INTER-COMPRESSOR CROSS-OVER PIPE HEAT EXCHANGER. Pratt & Whitney Canada Corp.
- 3730765** INTEGRATED FUEL INJECTORS FOR ATTRITABLE ENGINES AND ADDITIVE MANUFACTURING METHOD. Raytheon Technologies Corporation
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- 3730786** RECIPROCATING FLUID PUMPS INCLUDING MAGNETS, AND RELATED ASSEMBLIES, SYSTEMS, AND METHODS. White Knight Fluid Handling Inc.
- 3730806** HYDRAULIC ACTUATOR ARRANGEMENT. Piston Power s.r.o.
- 3730816** LOW PROFILE AUXILIARY LUBRICATION SYSTEM. Lockheed Martin Corporation
- 3730854** INDOOR UNIT FOR AIR CONDITIONER. Toshiba Carrier Corporation
- 3730893** SUPPORT UNIT FOR SUPPORTING A BREECH UNIT AND A BARREL OF A FIREARM, IN PARTICULAR A SPORTS WEAPON. Schäfer, Karl
- 3730913** SENSOR ASSEMBLIES WITH INTEGRATED FEATURES. Measurement Specialties, Inc.
- 3730924** FLOW DEVICE AND ASSOCIATED METHOD AND SYSTEM. Honeywell International Inc.
- 3730926** METHOD AND SYSTEM FOR MEASURING OR MONITORING THE VISCOSITY OF FLOWING MATERIALS. Helmholtz-Zentrum Potsdam - Deutsches GeoForschungsZentrum GFZ Stiftung des Öffentlichen Rechts des Landes Brandenburg
- 3730986** COUPLER FOR A POSITIONING DEVICE, POSITIONING DEVICE WITH A COUPLER, AND PRODUCTION METHOD. ETEL S.A.
- 3731001** DISPLAY DEVICE. LG Electronics Inc.
- 3731002** DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME. Samsung Display Co., Ltd.
- 3731023** ELECTROPHOTOGRAPHIC BELT AND ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS. CANON KABUSHIKI KAISHA
- 3731044** COMMUNICATION SYSTEM AND COMMUNICATION METHOD. Kabushiki Kaisha Yaskawa Denki
- 3731048** A METHOD FOR COOPERATIVELY CARRYING A WORK PIECE. Siemens Aktiengesellschaft
- 3731057** METHOD FOR TEMPERATURE TRANSMISSION COMPENSATION. Flextronics AP LLC
- 3731102** REGISTER PROTECTION CIRCUIT FOR HARDWARE IP MODULES. NXP USA, Inc.
- 3731109** VERSIONED BACKUP ON OBJECT ADDRESSABLE STORAGE SYSTEM. Datadobi cvba
- 3731201** A SUPPORT SYSTEM FOR AN OPERATOR. ABB Schweiz AG
- 3731225** METHOD AND ARRANGEMENT FOR GENERATING WARNING SIGNALS. Harman Becker Automotive Systems GmbH
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- 3731231** SLIP DETECTION ON HIGH SPEED DATA LINKS. VIAVI Solutions Inc.
- 3731285** METHOD FOR PRODUCING A LIGHT-EMITTING AND/OR LIGHT-RECEIVING DEVICE WITH METAL OPTICAL SEPARATION GRID.  
Commissariat à l'énergie atomique et aux énergies alternatives
- 3731303** BATTERY CARTRIDGE FOR VEHICLE. Xing Power Inc.
- 3731347** ELECTRICAL APPARATUS. Tyco Electronics (Shanghai) Co., Ltd.; Tyco Electronics Japan G.K.
- 3731359** MOUNTING SYSTEM FOR CEILING OR WALL DEVICE. Niko NV
- 3731373** STATOR FOR ELECTRIC MOTORS AND METHOD FOR PROVIDING SUCH STATOR. Marsilli S.p.A.
- 3731397** INVERTER SYSTEM. Sungrow Power Supply Co., Ltd.
- 3731402** POWER TOOL AND CONTROL METHOD FOR THE SAME. Nanjing Chervon Industry Co., Ltd.
- 3731405** SYSTEM AND METHOD FOR REACTIVE POWER CONTROL OF A WIND TURBINE BY VARYING SWITCHING FREQUENCY OF ROTOR SIDE CONVERTER. General Electric Company
- 3731414** INPUT/OUTPUT CIRCUIT COMPRISING A PROTECTION CIRCUIT HAVING TRANSISTORS IN SERIES, AND METHOD FOR CONTROLLING SAID CIRCUIT. STMicroelectronics (Rousset) SAS
- 3731420** SHORT CIRCUIT DETECTION APPARATUS FOR RESONANT ANTENNA NETWORKS AND METHODS THEREFOR. NXP B.V.
- 3731423** REDRIVER CHANNEL POWER UP IN CONVERGED INPUT/OUTPUT MODE. NXP B.V.
- 3731494** BLOCKCHAIN MAINTAINING METHOD AND APPARATUS, SERVER, AND COMPUTER-READABLE STORAGE MEDIUM. Huawei Cloud Computing Technologies Co., Ltd.
- 3731985** METHOD FOR ADDITIVE MANUFACTURING A COMPONENT WITH OXIDE DISPERSION STRENGTHENING AND CORRESPONDING COMPONENT. Siemens Energy Global GmbH & Co. KG
- 3732951** CROP LIFTER FOR HARVESTED CROPS. SMF - Holding GmbH
- 3732981** METHOD FOR REMOVING SMOKING RODS.. Poly-clip System GmbH & Co. KG
- 3732983** INDEXING DEVICE. Poly-clip System GmbH & Co. KG
- 3733043** ENDOSCOPIC DEVICE. Karl Storz SE & Co. KG
- 3733068** ASSESSING COGNITIVE REACTION TO OVER-THE-AIR UPDATES.  
Harman International Industries, Incorporated
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- 3733071** CONTROL DEVICE, RADIOGRAPHY SYSTEM, MEDICAL IMAGING SYSTEM, CONTROL METHOD, AND CONTROL PROGRAM. FUJIFILM Corporation
- 3733261** METHOD FOR MANUFACTURING A FILTERING ELEMENT AND FILTERING ELEMENT FOR FILTER OF A MOTOR VEHICLE. NOVARES FRANCE
- 3733305** ADHESIVE APPLICATOR AND KIT FOR STORING AND APPLYING ADHESIVE. tesa nie wieder bohren GmbH
- 3733316** WASHING AND/OR CLEANING APPARATUS. Wiwox GmbH Surface Systems
- 3733317** ROLLING OF A PRODUCT. Primetals Technologies Austria GmbH
- 3733329** DEVICE AND METHOD FOR MAINTENANCE OF SEALING SURFACES ON SYSTEM TURBINES. Uniper Anlagenservice GmbH
- 3733332** A CUTTING TOOL, SYSTEM AND METHOD FOR INCREASING TRACEABILITY OF A CUTTING EDGE. Seco Tools AB
- 3733349** TENSIONING DEVICE FOR A SCREW CONNECTION. Hohmann, Frank; Hohmann, Jörg
- 3733350** PNEUMATIC NAIL GUN AND OPERATION METHOD THEREOF. Basso Industry Corp.
- 3733380** SYSTEMS AND METHODS FOR SUPPORT MATERIAL REMOVAL. Raytheon Technologies Corporation
- 3733451** ACTUATOR. Lear Corporation
- 3733457** BODYWORK PART COMPRISING A BACKLIT AREA. Compagnie Plastic Omnium
- 3733469** DEVICE AND METHOD FOR DETERMINING IF A BRAKE MASS IS SUFFICIENT TO PERFORM A REJECTED TAKE OFF EVENT. Airbus Operations Limited
- 3733481** TURNING CONTROL SYSTEM. JTEKT CORPORATION
- 3733482** STEERING ASSEMBLY, VEHICLE AND METHOD. ME Mobil-Elektronik GmbH
- 3733588** APPARATUS AND METHOD FOR FOAMING A FILLING PRODUCT DISPENSED INTO A CONTAINER. KRONES AG
- 3733816** ISOTHIOCYANATO-TOLANES. Merck Patent GmbH
- 3733817** BORON-FREE TREATMENT SOLUTION FOR A WICK AND BORON-FREE WICK. Schreiber GmbH
- 3733956** STEAM HOUSEHOLD APPLIANCE. SEB S.A.
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- 3734016** GAS TURBINE ENGINE WITH FAN OUTLET GUIDE VANES. Rolls-Royce plc
- 3734021** BLADE OUTER AIR SEAL ASSEMBLY. Raytheon Technologies Corporation
- 3734022** GAS TURBINE ENGINE WITH IMPROVED BENDING RESISTANCE.  
Rolls-Royce plc
- 3734023** GAS TURBINE ENGINE WITH IMPROVED BENDING RESISTANCE.  
Rolls-Royce plc
- 3734024** GAS TURBINE ENGINE WITH IMPROVED BENDING RESISTANCE.  
Rolls-Royce plc
- 3734026** GAS TURBINE ENGINE YOKE AND BUILD SUPPORT. Pratt & Whitney Canada Corp.
- 3734030** MULTI-LUBRICANT CYLINDER LUBRICATION SYSTEM FOR A LARGE TWO-STROKE INTERNAL COMBUSTION ENGINE. MAN Energy Solutions, filial af MAN Energy Solutions SE, Tyskland
- 3734043** HEAT TRANSFER AUGMENTATION FEATURE. Raytheon Technologies Corporation
- 3734063** METHOD FOR CONTROLLING A WIND TURBINE. Wobben Properties GmbH
- 3734129** CLAMPING DEVICE COMPRISING A COLLAR AND A SEALING GASKET. Caillau
- 3734130** TIGHTENING DEVICE COMPRISING A SEALING GASKET AND ASSEMBLY COMPRISING SUCH A DEVICE. Caillau
- 3734136** RENOVATION PACKER HAVING A GUIDE. Krausser, Antje
- 3734144** SHED LIGHT. Black & Decker Inc.
- 3734198** REFRIGERANT SEPARATING DEVICE FOR A HEAT PUMP SYSTEM AND METHOD FOR OPERATING A REFRIGERANT SEPARATING DEVICE. Wolf GmbH
- 3734231** CAPACITANCE-TO-DIGITAL CONVERTER AND ASSOCIATED METHOD HAVING AN EXTENDED MEASUREMENT RANGE. Nokia Technologies Oy
- 3734234** FLUID SENSING APPARATUS. FAS MEDIC S.A.
- 3734254** METHOD FOR DETERMINING WATER SOLUBLE PROTEIN CONTENT (WSPC) IN SOYBEAN BY NEAR INFRARED SPECTROSCOPY (NIRS).  
Institute of Crop Sciences, Chinese Academy of Agricultural Sciences; Yangtze University
- 3734317** SYSTEM AND METHOD FOR ESTABLISHING REAL-TIME LOCATION.  
DENSO CORPORATION
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- 3734352** SECURITY DEVICE FOR PROJECTING A COLLECTION OF SYNTHETIC IMAGES. Visual Physics, LLC
- 3734380** METHOD AND DEVICE FOR MONITORING AN ACCELERATION OF AN AXIS OF A MULTI-AXIS KINEMATIC. Siemens Aktiengesellschaft
- 3734387** SELF-HEALING REMOTE DYNAMIC DATA RECORDING. Raytheon Technologies Corporation
- 3734388** METHOD AND APPARATUS FOR PERFORMING SIMULTANEOUS LOCALIZATION AND MAPPING. Commissariat à l'Energie Atomique et aux Energies Alternatives
- 3734403** DISPLAY DEVICE. Samsung Display Co., Ltd.
- 3734414** SIGNAL DETECTOR. NXP B.V.
- 3734423** CAMERA-BASED LOCATION OF OPTICALLY DETECTABLE MARKERS. Sony Interactive Entertainment Inc.
- 3734424** TOUCH DISPLAY DEVICE. InnoLux Corporation
- 3734459** METHOD AND SYSTEM FOR PRIORITIZING CRITICAL DATA OBJECT STORAGE DURING BACKUP OPERATIONS. EMC IP Holding Company LLC
- 3734464** INTEGRATED FILTER FOR DE-SENSE REDUCTION. NXP B.V.
- 3734495** UHF READING DEVICE. ASTRA Gesellschaft für Asset Management mbH & Co. KG
- 3734513** A TAMPER DETECTION DEVICE. EM Microelectronic-Marin SA
- 3734527** VERIFICATION OF CARGO TRANSPORTATION UNIT POSITION. BlackBerry Limited
- 3734588** COLOR APPEARANCE PRESERVATION IN VIDEO CODECS. Dolby Laboratories Licensing Corp.
- 3734596** DETERMINING TARGET DEVICE BASED ON SPEECH INPUT OF USER AND CONTROLLING TARGET DEVICE. Samsung Electronics Co., Ltd.
- 3734639** ADAPTING THE DURATION OF EXPOSURE SLOTS IN MULTI-BEAM WRITERS. IMS Nanofabrication GmbH
- 3734667** STACKED III-V POWER SEMICONDUCTOR DIODE WITH HIGH BLOCKING VOLTAGE. AZUR SPACE Solar Power GmbH
- 3734712** STORAGE DEVICE AND METHOD FOR MANUFACTURING SAME. Commissariat à l'Energie Atomique et aux Energies Alternatives
- 3734749** SYSTEM FOR TRANSMITTING/RECEIVING RADIO WAVES. Commissariat à l'Energie Atomique et aux Energies Alternatives
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- 3734753** CONCEALMENT SYSTEMS AND WIRELESS COMMUNICATION EQUIPMENT INSTALLATIONS AND METHODS INCLUDING SAME. Raycap IP Development LTD
- 3734762** APPARATUS FOR ATTACHING AN ORTHOGONAL MODE TRANSDUCER TO AN ANTENNA. Nokia Shanghai Bell Co., Ltd.
- 3734767** TERMINAL ASSEMBLY AND TERMINAL CLAMP. Phoenix Contact GmbH & Co. KG
- 3734772** ELECTRICAL CONTACT TERMINAL FOR AN ELECTRICAL PLUG CONNECTOR FOR A SAFETY RESTRAINT SYSTEM. Aptiv Technologies Limited
- 3734818** METHOD FOR TROUBLESHOOTING IN A DIRECT CURRENT LINE AND INVERTER ASSEMBLY FOR IMPLEMENTING THE METHOD. Siemens Energy Global GmbH & Co. KG
- 3734822** METHODS AND APPARATUS FOR ACTIVE FLUX CONTROL OF AN OUTPUT TRANSFORMER CONNECTED TO A POWER CONVERTER. GE Energy Power Conversion Technology Ltd.
- 3734826** SWITCHED-CAPACITOR CONVERTER WITH MULTI-TAPPED AUTOTRANSFORMER. Infineon Technologies Austria AG
- 3734912** METHOD AND APPARATUS FOR ESTABLISHING A COMPOSED VIRTUAL PRIVATE NETWORK. HUAWEI TECHNOLOGIES CO., LTD.
- 3734944** MOBILE TERMINAL AND MOBILE PHONE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3734945** ELECTRONIC DEVICE INCLUDING ELASTIC MEMBER. Samsung Electronics Co., Ltd.
- 3734990** ACOUSTIC HORN, ACOUSTIC ENCLOSURE COMPRISING SUCH AN ACOUSTIC HORN AND METHOD FOR MANUFACTURING SUCH AN ACOUSTIC HORN. Lelievre, Kirwan
- 3734993** SYSTEM AND METHOD FOR COMPENSATING FOR NON-LINEAR BEHAVIOR FOR AN ACOUSTIC TRANSDUCER. Harman International Industries, Incorporated
- 3734994** SYSTEM AND METHOD FOR COMPENSATING FOR NON-LINEAR BEHAVIOR FOR AN ACOUSTIC TRANSDUCER BASED ON MAGNETIC FLUX. Harman International Industries, Incorporated
- 3735006** EFFICIENT COMPUTING OF APPLICATION DATA IN MOBILE COMMUNICATION NETWORK. Nokia Solutions and Networks Oy
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- 3735008** ELECTRONIC DEVICE FOR ESTABLISHING COMMUNICATION WITH EXTERNAL ELECTRONIC DEVICE AND METHOD OF CONTROLLING THE SAME. Samsung Electronics Co., Ltd.
- 3735050** GATEWAY MANAGED TERMINAL UPLINK POWER CONTROL. Hughes Network Systems, LLC
- 3735074** METHOD AND APPARATUS FOR HANDLING RETRANSMISSION INDICATION FOR CONFIGURED GRANT IN SIDELINK IN A WIRELESS COMMUNICATION SYSTEM. ASUSTek Computer Inc.
- 3735114** METHOD OF TREATING METAL SURFACE OF CERAMIC CIRCUIT BOARD. KCC Corporation
- 3735118** AN ELECTRONIC ASSEMBLY WITH PHASE-CHANGE MATERIAL FOR THERMAL PERFORMANCE. Deere & Company
- 3735849** CLOTHING. KIDO SPORTS CO., LTD.
- 3735878** COOKING SYSTEM. BSH Hausgeräte GmbH
- 3735883** KIT, KITCHEN APPLIANCE AND METHOD FOR SPIRALIZING A FOODSTUFF. Koninklijke Philips N.V.
- 3736028** SLIDE, INFLATABLE WATER SLIDE AND POOL. Bestway Inflatables & Material Corp.
- 3736051** ULTRASONIC SENSOR. Honda Electronics Co., Ltd.
- 3736053** WASHING TOOL, WASHING SYSTEM AND A METHOD OF WASHING. Rolls-Royce plc
- 3736055** METHOD TO CLEAN AN APPARATUS TO TREAT LOOSE OBJECTS AND CORRESPONDING APPARATUS. Icos Pharma S.p.A.
- 3736127** METHOD FOR MANUFACTURING CURVED LAMINATED GLASS. Changzhou Almaden Co., Ltd.
- 3736161** VEHICLE CONTROL APPARATUS AND DISPLAY CONTROL METHOD. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3736180** A METHOD FOR DETECTING THE APPLICATION OF SCRATCHES AND BUMPS. Aptiv Technologies Limited
- 3736187** METHOD FOR CONTROLLING AN ELECTROMECHANICAL BRAKE SYSTEM AND ELECTROMECHANICAL BRAKE SYSTEM. Volkswagen Aktiengesellschaft
- 3736192** HYBRID DRIVE FOR A RAIL VEHICLE. ZF Friedrichshafen AG
- 3736193** PASSENGER TRANSPORT VEHICLE WITH AN AIR-CONDITIONING SYSTEM. Siemens Mobility GmbH
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- 3736264** A NON-RADIOACTIVE IMMUNO-ASSAY FOR 3,5-DIIODO-O-[3-  
IODOPHENYL]-L-TYROSINE DETECTION AND QUANTITATION. Bracco  
Imaging SPA
- 3736363** WEFT INSERTION METHOD AND DEVICE IN WATER JET LOOM.  
Tsudakoma Kogyo Kabushiki Kaisha
- 3736406** TUBULAR CUTTING TOOL. Weatherford Technology Holdings, LLC
- 3736414** ABRASIVE TIP BLADE AND MANUFACTURE METHOD. Raytheon  
Technologies Corporation
- 3736418** METHOD FOR DETERMINING THE POLLUTING EMISSIONS OF A  
VEHICLE BY MEANS OF AN ON-BOARD SYSTEM. IFP Energies nouvelles
- 3736459** ANCHORAGE POINT. J.D. Theile GmbH & Co. KG
- 3736480** COUPLING ASSEMBLED WITH HAIRPINS. Danfoss A/S
- 3736489** SPOT DOWNLIGHT APPARATUS. LEEDARSON LIGHTING CO., LTD.
- 3736510** THERMOACOUSTIC DEVICE. JTEKT CORPORATION; University Public  
Corporation Osaka
- 3736611** RAIN/LIQUID SENSOR WITH IR-LIGHT ABSORPTION. Altop Patents II  
B.V.
- 3736636** SECONDARY TRANSFER DEVICE. KONICA MINOLTA, INC.
- 3736652** CARGO AERIAL DELIVERY SYSTEMS AND RELATED METHODS. The  
Boeing Company
- 3736657** PROCESSING SYSTEM, RELATED INTEGRATED CIRCUIT, DEVICE  
AND METHOD. STMicroelectronics Application GmbH
- 3736659** ELECTRONIC APPARATUS. Samsung Display Co., Ltd.
- 3736683** SOLID-STATE DRIVE AND PERFORMANCE OPTIMIZATION METHOD  
FOR SOLID-STATE DRIVE. Giga-Byte Technology Co., Ltd.
- 3736784** DIGITAL VISIBILITY DEVICE FOR VENDING MACHINES. Muxonav, S.L.
- 3736944** ELECTRIC MACHINES. Rolls-Royce plc
- 3736973** SYSTEM AND METHOD FOR PROVIDING SAFE LIMITED FORCE  
PRODUCING POWER IN A MOTOR. Rockwell Automation Technologies, Inc.
- 3737062** A METHOD OF OPERATING A RADIO TRANSMITTER AND  
CORRESPONDING RADIO TRANSMITTER. STMicroelectronics S.r.l.
- 3737119** IN-VEHICLE DEVICE, ARRIVAL NOTIFICATION SYSTEM, AND  
ARRIVAL NOTIFICATION METHOD. YAZAKI CORPORATION
- 3737210** INDUCTION HEATING DEVICE. BSH Hausgeräte GmbH
- 3737214** ECR ION SOURCE AND METHOD OF OPERATING THIS ECR ION  
SOURCE. Dreebit GmbH
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- 3737607** METHOD FOR CLEANING VEHICLE SENSORS AND UNMANNED AIRCRAFT FOR SUCH A METHOD. VOLKSWAGEN AKTIENGESELLSCHAFT
- 3738415** BACKPLANE AND METHOD FOR ITS MANUFACTURE. Siemens Aktiengesellschaft
- 3738416** BACKPLANE. Siemens Aktiengesellschaft
- 3738489** SHOWER DOOR. Ideal Sanitary Ware Co., Ltd.
- 3738497** METHOD FOR TESTING A LIQUID AND WATER-CONDUCTING DOMESTIC APPLIANCE. E.G.O. Elektro-Gerätebau GmbH
- 3738534** BONE FIXATION DEVICE. Osteobionix SL
- 3738691** PROFILE FOR A ROLLING TOOL. KAMAX Holding GmbH & Co. KG
- 3738826** ACOUSTICALLY INSULABLE SEAT FOR A PUBLIC TRANSPORT VEHICLE. IVECO FRANCE S.A.S.
- 3738841** SYSTEM FOR DISPENSING A FLUID FOR A VEHICLE, ASSOCIATED FLUID DISPENSER AND METHOD FOR EJECTING FLUID USING SUCH A SYSTEM. A. Raymond et Cie
- 3738894** A PACKAGING APPARATUS FOR FORMING SEALED PACKAGES. Tetra Laval Holdings & Finance S.A.
- 3739193** CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE, AND INTERNAL COMBUSTION ENGINE. Toyota Jidosha Kabushiki Kaisha
- 3739216** INFLOW DEVICE FOR A GAS BLOWER. ebm-papst Landshut GmbH
- 3739217** SEAL ASSEMBLY FOR COMPRESSOR. Carrier Corporation
- 3739227** BEARING FOR A WIND TURBINE DRIVETRAIN HAVING AN ELASTOMER SUPPORT. General Electric Company
- 3739248** NON-STICKING ROTARY VALVE. Tecan Trading AG
- 3739322** METHOD OF TESTING ADDITIVE MANUFACTURED MATERIAL AND ADDITIVE MANUFACTURED PARTS. The Boeing Company
- 3739335** MEAT PROCESSING SENSOR SUITE. Meter Group, Inc.
- 3739403** METHOD OF OPERATING AND OF PREDICTIVE MONITORING OF A FIELD DEVICE. Endress+Hauser Group Services AG
- 3739473** OPTIMIZATION DEVICE AND METHOD OF CONTROLLING OPTIMIZATION DEVICE. FUJITSU LIMITED
- 3739485** METHOD AND SYSTEM FOR IDENTIFICATION OF SECURE BINARY IMAGES. BlackBerry Limited
- 3739527** ON-DEVICE MACHINE LEARNING PLATFORM. Google LLC
- 3739577** MDCT-BASED COMPLEX PREDICTION STEREO CODING. Dolby International AB
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- 3739608** MECHANICAL INTERLOCK APPARATUS, PANEL ASSEMBLY AND OPERATION ASSEMBLY FOR ELECTRICAL DEVICE AND ELECTRICAL DEVICE. ABB S.p.A.
- 3739658** BATTERY PACK FOR ELECTRIC WORK VEHICLE. Kubota Corporation
- 3739671** ELECTRODE ASSEMBLY WITH IMPROVED CONNECTION BETWEEN CURRENT COLLECTOR AND ELECTRODE TAB, AND METHOD OF MANUFACTURING THE SAME. LG Energy Solution, Ltd.
- 3739677** ANODE SLURRY COMPOSITION. LG Energy Solution, Ltd.
- 3739696** CRIMP TOOLING HAVING GUIDE SURFACES. TE Connectivity Corporation; TE Connectivity Germany GmbH
- 3739770** SATELLITE TELECOMMUNICATION SYSTEM WITH TRANSPARENT DIGITAL PROCESSOR AND BEAM HOPPING. THALES
- 3739855** ELECTRONIC DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3740644** SYSTEMS AND METHODS FOR DOWNHOLE TUBULAR CUTTING. Halliburton Energy Services, Inc.
- 3741246** UPPER. adidas AG
- 3741536** DIES FOR FORMING A PART AND ASSOCIATED SYSTEMS AND METHODS. The Boeing Company
- 3741562** METHOD FOR PRODUCING A SEMICONDUCTOR MODULE. Audi AG; Hitachi Energy Switzerland AG
- 3741585** TYRE COMPRISING A HIGH-CONTRAST MATRIX SYMBOL ON THE SIDE. COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
- 3741663** WINDOW FOR AN AIRCRAFT AND DISPLAY FOR AIRCRAFT WINDOW. Gulfstream Aerospace Corporation
- 3741925** WOODEN TERRACE WITH GAP SEALING ELEMENT AND METHOD FOR CLOSING JOINTS IN WOODEN TERRACES. Habian, Wolfgang
- 3741962** COVER FOR ROTATABLE SHAFT OF GAS TURBINE ENGINE. Raytheon Technologies Corporation
- 3741963** GAS TURBINE ENGINE. Rolls-Royce plc
- 3741966** VARIABLE VALVE LIFT SYSTEM. Mechadyne International Ltd.
- 3742044** VEHICLE HEAD LIGHT CONTROL APPARATUS. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3742051** LIGHTING CONTROL OF FOOD PRODUCTS. Miele & Cie. KG
- 3742154** CALIBRATING AN OPTICAL SURFACE CONDITION MONITORING SYSTEM. VAISALA OYJ
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- 3742210** REDUNDANT CORE IN MULTICORE OPTICAL FIBER FOR SAFETY.  
Intuitive Surgical Operations, Inc.
- 3742550** MULTIBAND ANTENNA, SYSTEM AND TRAIN. Siemens Mobility Limited
- 3742578** ELECTRONIC DEVICE INCLUDING WIRELESS CHARGING  
STRUCTURE. Samsung Electronics Co., Ltd.
- 3742631** PSE DEVICE AND POWERED DEVICE OF OPTICAL POWER SUPPLY  
SYSTEM, AND OPTICAL POWER SUPPLY SYSTEM. Kyocera Corporation
- 3742770** INTELLIGENT SIM PROFILE PROCUREMENT. T-Mobile USA, Inc.
- 3742832** METHOD AND APPARATUS FOR REQUESTING SIDELINK RADIO  
BEARER (SLRB) CONFIGURATION OF UNICAST TRANSMISSION IN A  
WIRELESS COMMUNICATION SYSTEM. ASUSTek Computer Inc.
- 3744077** ELECTRONIC DEVICE INCLUDING ANTENNA AND HEAT  
DISSIPATION STRUCTURE. Samsung Electronics Co., Ltd.
- 3744391** SYSTEMS FOR THE TREATMENT OF EYE CONDITIONS. Alcon Inc.
- 3744433** A SELF-CLEANING DELIVERY HEAD FOR A DISPENSING MACHINE  
FOR DELIVERING FLUID PRODUCTS SUCH AS DYES FOR PAINTS OR  
THE LIKE. Dromont S.p.A.
- 3744546** VEHICLE COOLING SYSTEM AND WIRE HARNESS COOLING  
STRUCTURE. YAZAKI CORPORATION
- 3744573** CONNECTOR WITH GROMMET. YAZAKI CORPORATION
- 3744592** BRAKE CYLINDER WITH A LOCKING DEVICE FOR MECHANICAL  
BRAKE FORCE LOCKING. KNORR-BREMSE Systeme für  
Schienenfahrzeuge GmbH
- 3744634** TOLERANCE COMPENSATION SUBASSEMBLY, AIRCRAFT  
COMPONENT PROVIDED THEREWITH AND AIRCRAFT. Airbus  
Operations GmbH
- 3744642** METHOD OF ASSEMBLING MEMBERS OF AN ASSEMBLY. The Boeing  
Company
- 3745120** X-RAY INSPECTION APPARATUS AND METHOD FOR CONTROLLING  
X-RAY INSPECTION APPARATUS. Jed Co., Ltd
- 3745240** COORDINATE SMOOTHING METHOD, TOUCH CONTROL CHIP, AND  
ELECTRONIC TERMINAL. SHENZHEN GOODIX TECHNOLOGY CO.,  
LTD.
- 3745256** EXTERNAL CODE INTEGRATIONS WITHIN A COMPUTING  
ENVIRONMENT. The MathWorks, Inc.
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- 3745440** OSCILLATING DC CIRCUIT BREAKER BASED ON VACUUM INTERRUPTER WITH MAGNETIC BLOW INTEGRATED AND BREAKING METHOD THEREOF. Xi'an Jiaotong University
- 3745523** SECONDARY BATTERY AND AUTOMOBILE. Contemporary Ampere Technology Co., Limited
- 3745562** COIL FORMER WITH INTEGRATED CONTACTING DEVICE. ebm-papst Landshut GmbH
- 3745687** MOBILE TERMINAL AND MOBILE PHONE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3746602** WAVE CAPTURING AND ATTENUATING STRUCTURE. Boonlikitcheva, Pichit
- 3746980** FRAMELESS ANATOMY-BASED 2D/3D IMAGE REGISTRATION. Brainlab AG
- 3747213** METHOD AND APPARATUS FOR OPERATING PROTOCOL LAYER OF TERMINAL IN INACTIVE MODE IN NEXT-GENERATION MOBILE COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3747236** METHOD AND APPARATUS FOR DISCARDING BUFFERED DATA WHILE KEEPING CONNECTION IN CP-UP SEPARATION. LG Electronics Inc.
- 3747247** ELECTRONIC DEVICE EQUIPPED WITH FLEXIBLE DISPLAY AND WIRELESS CHARGING METHOD USING THE SAME. Samsung Electronics Co., Ltd.
- 3747306** MULTIPLE COMPONENT HAIR TREATMENT PRODUCT. Henkel AG & Co. KGaA
- 3747383** SPINAL TRAUMA CORRECTION AND FIXATION. Nuvasive, Inc.
- 3747527** FILTER CAPSULE AND METHOD OF USE. Pall Corporation
- 3747668** CASTER. Colson Caster Guangzhou Ltd.
- 3747743** SEALING PLUGS. Illinois Tool Works Inc.
- 3748080** RAILWAY VEHICLE AND PROCESS FOR THE MOVEMENT OF GRAVEL. SRT SOCIETA' A RESPONSABILITA' LIMITATA CON SOCIO UNICO
- 3748081** RAILWAY WAGON FOR MOVING SLEEPERS, RAILWAY VEHICLE COMPRISING SAID RAILWAY WAGON. SRT SOCIETA' A RESPONSABILITA' LIMITATA CON SOCIO UNICO
- 3748115** THRESHOLD FOR A SLIDING DOOR. HAUTAU GmbH
- 3748257** DEVICE FOR THE SAFE PERFORMANCE OF A LEFT-ROTATING THERMODYNAMIC CIRCULAR PROCESS BY MEANS OF A
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- FLAMMABLE WORKING FLUID WITH THE USE OF FLUIDADSOPTION.  
Vaillant GmbH
- 3748328** TEST DEVICE FOR DETECTING THE PRESSING FORCE OF A VEHICLE  
SIDE DISC. TKR Spezialwerkzeuge GmbH
- 3748425** DISPLAY DEVICE. Samsung Display Co., Ltd.
- 3748650** NUCLEAR FUEL ROD END DISTANCE ADJUSTING DEVICE. Kepco  
Nuclear Fuel Co., Ltd.
- 3748676** LIGHT EMITTING DEVICE, BACKLIGHT UNIT AND DISPLAY  
APPARATUS. Samsung Electronics Co., Ltd.
- 3748732** SECONDARY BATTERY. Contemporary Amperex Technology Co., Limited
- 3748754** POWER BATTERY AND BATTERY MODULE. Contemporary Amperex  
Technology Co., Limited
- 3748808** A DEVICE WITH POWER SUPPLY MANAGEMENT. STMicroelectronics  
(Rousset) SAS; STMicroelectronics S.r.l.
- 3748865** METHOD FOR REPORTING AND RECEIVING CHANNEL STATE  
INFORMATION, AND DEVICE. Huawei Technologies Co. Ltd.
- 3748866** METHOD AND APPARATUS FOR EXPLICIT CSI REPORTING IN  
ADVANCED WIRELESS COMMUNICATION SYSTEMS. Samsung  
Electronics Co., Ltd.
- 3748979** BROADCAST RECEIVER, BROADCAST RECEIVING METHOD. Sony  
Group Corporation
- 3749059** CONTROL CIRCUIT AND CONTROL METHOD CAPABLE OF FIXING  
DISCHARGE DURATION. Shenzhen Sunmoon Microelectronics Co., Ltd
- 3749065** ELECTRON RADIATION SYSTEM. Huazhong University of Science and  
Technology
- 3749133** METHODS OF MAKING AND ARTICLES OF FOOTWEAR  
INCORPORATING LAYERED MATERIALS. NIKE Innovate C.V.
- 3749502** FABRICATION OF OBJECTS HAVING DIFFERENT DEGREE OF  
SOLIDIFICATION AREAS. Hewlett-Packard Development Company, L.P.
- 3749505** PRINTING PRODUCTION QUALITY PREDICTION. Hewlett-Packard  
Development Company, L.P.
- 3749526** METHODS OF DETECTING AND ADJUSTING CONTACT OF A MICRO-  
STRUCTURAL FLUID EJECTOR TO A SUBSTRATE. XTPL S.A.
- 3750274** METHOD AND APPARATUS FOR MANAGING CLOUD SERVICES USING  
SMART CONTRACTS AND BLOCKCHAINS. Telefonaktiebolaget LM  
Ericsson (publ)
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- 3750386** METHOD FOR AGRICULTURAL SOIL WORKING, TOOL SYSTEM, GENERATOR MODULE AND ITS USE. Kronos GmbH
- 3750671** PRECISION TORQUE SCREWDRIVER. Milwaukee Electric Tool Corporation
- 3750683** MODULAR DISK COEXTRUSION DIE WITH OPPOSING DISK ARRANGEMENT. Schirmer, Henry G.
- 3751102** ROTOR FOR THE COMPRESSOR OF A TURBOMACHINE AND CORRESPONDING ASSEMBLY METHOD. Safran Aero Boosters SA
- 3751144** CEILING FAN AND CONTROL METHOD THEREFOR. LG Electronics Inc.
- 3751151** STIFFENED FAN HOUSING PART FOR USE IN A GAS BLOWER. ebm-papst Landshut GmbH
- 3751417** PARALLEL PROCESSING APPARATUS, JOB MANAGEMENT PROGRAM, AND JOB MANAGEMENT METHOD. FUJITSU LIMITED
- 3751873** INTERWORKING SYSTEM AND OPERATION IN V2X APPLICATIONS. BlackBerry Limited
- 3751914** COMMUNICATION METHOD, COMMUNICATION APPARATUS AND READABLE STORAGE MEDIUM. Huawei Technologies Co., Ltd.
- 3751960** PANE WITH ELECTRIC CONNECTION ELEMENT. SAINT-GOBAIN GLASS FRANCE
- 3752389** INTERNAL FULL MEMORY SEAT TRACK WITH INTERLOCK. Magna Seating Inc.
- 3752565** STIR-IN TITANIUM DIOXIDE PIGMENT COMPOSITION. Tronox LLC
- 3752665** CIRCUIT ARRANGEMENT, METHOD FOR OPERATING A CIRCUIT ARRANGEMENT AND ELECTROLYSIS DEVICE. Siemens Energy Global GmbH & Co. KG
- 3753079** CABLE MOUNTING COMPONENT AND ELECTRICAL APPLIANCE. De'Longhi Braun Household GmbH
- 3753258** METHOD AND SYSTEM FOR MOVING STATUS DETECTION FOR A SENSOR APPARATUS. BlackBerry Limited
- 3753462** CLEANER HOLDER. LG Electronics Inc.
- 3753484** APPARATUS AND METHOD FOR CALIBRATING BIO-INFORMATION ESTIMATION MODEL, AND APPARATUS FOR ESTIMATING BIO-INFORMATION. Samsung Electronics Co., Ltd.
- 3753780** SLIDE DEVICE AND LIGHT EMITTING DEVICE FOR SLIDE DEVICE. YAZAKI CORPORATION
- 3753827** AIR BAG DEVICE FOR SADDLED VEHICLE. HONDA MOTOR CO., LTD.
- 3753995** ORGANIC ELECTROLUMINESCENCE DEVICE AND COMPOUND FOR ORGANIC ELECTROLUMINESCENCE DEVICE. Samsung Display Co., Ltd.
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- 3754540** OPTICAL FINGERPRINT RECOGNITION APPARATUS, ELECTRONIC DEVICE AND FINGERPRINT RECOGNITION METHOD. SHENZHEN GOODIX TECHNOLOGY CO., LTD.
- 3754654** CANCELLATION OF ROAD-NOISE IN A MICROPHONE SIGNAL. Bose Corporation
- 3754836** APPARATUS AND METHOD FOR CONTROLLING SWITCHING OF HIGH SPEED WIRING MODE OF A MOTOR. LG Electronics Inc.
- 3755028** INFORMATION DETERMINATION AND CONFIGURATION OF CSI-RS RESOURCES WITH INDICATION OF USAGE FOR TRACKING. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3755117** COMMUNICATION METHOD AND COMMUNICATION APPARATUS. HUAWEI TECHNOLOGIES CO., LTD.
- 3755537** CONDUCTIVE ELEMENTS ELECTRICALLY COUPLED TO FLUIDIC DIES. HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
- 3756089** PROCESSOR ACHIEVING ZERO-OVERHEAD LOOP. Alibaba Group Holding Limited
- 3756260** MULTICHANNEL PRL: POWER GRID AND METHOD AND SYSTEM FOR PROVIDING A CONTROLLING POWER FOR REGULATING A POWER GRID FREQUENCY OF A POWER GRID. TRIMET Aluminium SE
- 3756372** PROVIDING SECURE SENSOR DATA TO AUTOMATED MACHINES. BlackBerry Limited
- 3756998** LANDING GEAR SYSTEM WITH COMPOSITE FLEX BEAM. The Boeing Company
- 3757411** BEARING ASSEMBLY. Henniges Automotive GmbH & Co. KG
- 3757510** DEPTH MAP BY VIBRATING PATTERN PROJECTOR. Microsoft Technology Licensing, LLC
- 3757626** OPTICAL DEVICE AND MANUFACTURING METHOD THEREFOR. CANON KABUSHIKI KAISHA
- 3758312** METHOD AND SYSTEM FOR THE CREATION OF A MULTICAST GROUP. Huawei Technologies Co., Ltd.
- 3758392** SPEAKER, TERMINAL AND SPEAKER CONTROL METHOD. Honor Device Co., Ltd.
- 3758539** SYSTEM AND METHODS FOR THERMOFORMING ARTICLES. NIKE Innovate C.V.
- 3758558** GALLEY. Siemens Mobility GmbH
- 3758910** METHOD AND DEVICE FOR PRODUCING A HEAT-INSULATED CONDUIT PIPE. Brugg Rohr AG Holding
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- 3759012** ACTIVE FRONT DEFLECTOR - FLAT PANEL. Magna Exteriors Inc.
- 3759877** ESTABLISHING A PATH IN AN OPTICAL DOMAIN TO COUPLE IP ROUTING DOMAINS FOR USE BY A VPN. Huawei Technologies Co., Ltd.
- 3759950** METHOD AND APPARATUS FOR SUPPORTING VEHICLE COMMUNICATIONS IN 5G SYSTEM. Samsung Electronics Co., Ltd.
- 3759962** METHOD FOR SUPPORTING HANDOVER AND CORRESPONDING BASE STATION AND NETWORK NODE. Samsung Electronics Co., Ltd.
- 3760143** SUCTION EVACUATION DEVICE. Wan, Shaw, P.
- 3760174** A WOUND PAD AND A SELF-ADHESIVE MEMBER COMPRISING A WOUND PAD. Mölnlycke Health Care AB
- 3760451** SECURITY INSERT FOR AN IDENTIFICATION DOCUMENT AND METHOD FOR MANUFACTURING A SECURITY INSERT FOR AN IDENTIFICATION DOCUMENT. Mühlbauer GmbH & Co. KG
- 3761155** SENSOR CONTROLLER, POSITION INDICATOR, AND POSITION DETECTING SYSTEM. Wacom Co., Ltd.
- 3761156** SENSOR CONTROLLER, POSITION INDICATOR, AND POSITION DETECTING SYSTEM. Wacom Co., Ltd.
- 3761171** NETWORK FUNCTIONS VIRTUALIZATION PLATFORMS WITH FUNCTION CHAINING CAPABILITIES. Altera Corporation
- 3761447** ANTENNA AND MOBILE TERMINAL. HUAWEI TECHNOLOGIES CO., LTD.
- 3761528** SPACE OPTICAL COMMUNICATION DEVICE. Mitsubishi Electric Corporation
- 3761545** METHOD AND DEVICE FOR TRANSMITTING ACKNOWLEDGEMENT OR NEGATIVE ACKNOWLEDGEMENT INDICATION INFORMATION. Huawei Technologies Co., Ltd.
- 3761582** METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING SIGNAL IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3761619** DISPLAY DEVICE COMPRISING WIRING FOR DETECTING CRACKS FORMED ON AREA ADJACENT TO OPENING FORMED ON DISPLAY, AND ELECTRONIC DEVICE COMPRISING SAME. Samsung Electronics Co., Ltd.
- 3761679** LOCATION METHOD AND RELATED DEVICE. HUAWEI TECHNOLOGIES CO., LTD.
- 3761681** MULTI-CONNECTION DATA AMOUNT REPORTING METHOD. HUAWEI TECHNOLOGIES CO., LTD.
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- 3761859** SYSTEM FOR MAPPING ARRHYTHMIC DRIVER SITES. St. Jude Medical, Cardiology Division, Inc.
- 3761930** IMPROVED PROTECTIVE EYEGLASS FRAMES AGAINST IONIZING RADIATION AND RADIOAPROTECTION EYEGLASSES COMPRISING SUCH FRAME. Orano Recyclage
- 3761936** MOBILE STRETCHER. HAWE Altenstadt Holding GmbH
- 3762154** MULTIWAY FLOOD VALVE FOR TECHNICAL LIQUIDS WITH LINEAR FLOOD FLOW CONTROL. ATUS Automatisierungstechnik GmbH
- 3762848** DEVICE AND METHOD FOR CLASSIFYING PROGRAM BEHAVIOUR. HUAWEI TECHNOLOGIES CO., LTD.
- 3763110** ELECTRONIC DEVICE INCLUDING HOUSING AND METHOD FOR MANUFACTURING THE HOUSING. Samsung Electronics Co., Ltd.
- 3763140** PUBLIC WARNING SYSTEM NOTIFICATIONS IN A MOBILE DEVICE USING ALTERNATIVE WIRELESS TECHNOLOGIES. BlackBerry Limited
- 3763604** STRUCTURE FOR LOWER PART OF BODY OF VEHICLE. MAZDA MOTOR CORPORATION
- 3764054** SENSOR ARRANGEMENT FOR DETECTING A DEFLECTION OF A WIRE ELECTRODE. Dr. Johannes Heidenhain GmbH
- 3764253** METHOD FOR QUICKLY OPENING APPLICATION OR APPLICATION FUNCTION, AND TERMINAL. HUAWEI TECHNOLOGIES CO., LTD.
- 3764417** SECONDARY BATTERY. Contemporary Amperex Technology Co., Limited
- 3764605** GATEWAY DEVICE FOR MACHINE-TO-MACHINE COMMUNICATION WITH DUAL CELLULAR INTERFACES. SYSTECH CORPORATION
- 3764711** RESOURCE ALLOCATION METHOD AND APPARATUS. Huawei Technologies Co., Ltd.
- 3764736** DATA TRANSMISSION METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3764917** DEVICES FOR GUIDING TISSUE TREATMENT AND/OR TISSUE REMOVAL PROCEDURES. Cairnsurgical, Inc.
- 3765168** PERFORMER LIFT. Brilliant Stages Limited
- 3765376** CLOSURE FOR A CONTAINER AND CONTAINER WITH SUCH A CLOSURE. Aptar Freyung GmbH
- 3765694** MOTORIZED CLOSURE DEVICE FOR VEHICLE DOORS. Bonetto, Claudia; Bonetto, Claudio; Bonetto, Paola; Pampolini, Oriana
- 3765713** MISTUNING OF TURBINE BLADES WITH ONE OR MORE INTERNAL CAVITIES. Siemens Energy Global GmbH & Co. KG
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- 3765735** METHOD FOR REPLACING A WIND TURBINE YAW PAD. Siemens Gamesa Renewable Energy A/S
- 3765738** HYDRAULIC ACCUMULATOR EXCHANGE TOOL AND METHOD. Siemens Gamesa Renewable Energy A/S
- 3765960** EVENT STREAM PROCESSING. HUAWEI TECHNOLOGIES CO., LTD.
- 3765976** SERVICE-BACKED CONTEXTUAL DOCUMENT EMBEDDING. Microsoft Technology Licensing, LLC
- 3766173** A METHOD FOR STORING ENERGY AND GENERATING ELECTRIC POWER AND A DEVICE FOR STORING SOLAR ENERGY AND GENERATING ELECTRIC POWER. Desolenator B.V.
- 3766308** POWER SUPPLIER CIRCUIT, CONTROLLING METHOD AND ELECTRONIC EQUIPMENT. Tridonic GmbH & Co. KG
- 3766462** TUBE STENT DELIVERY SYSTEM. Silux Co., Ltd.
- 3767191** CENTRALIZED CONTROL METHOD AND SYSTEM FOR VRV AIR CONDITIONING SYSTEM, AND COMPUTER READABLE STORAGE MEDIUM. GD Midea Heating & Ventilating Equipment Co., Ltd.; Midea Group Co., Ltd.
- 3767245** ATTACK DETECTION DEVICE, ATTACK DETECTION METHOD, AND ATTACK DETECTION PROGRAM. Mitsubishi Electric Corporation
- 3767246** ATTACK DETECTION DEVICE, ATTACK DETECTION PROGRAM, AND ATTACK DETECTION METHOD. Mitsubishi Electric Corporation
- 3767339** LASER RADAR DEVICE. Mitsubishi Electric Corporation
- 3767346** ELECTRONIC DEVICE COMPRISING POLARIZING MEMBER AND PHASE DELAY MEMBER FOR BLOCKING LIGHT REFLECTED BY SENSOR DISPOSED BELOW DISPLAY. Samsung Electronics Co., Ltd.
- 3767348** HIGH-BANDWIDTH BENDING-INSENSITIVE MULTIMODE OPTICAL FIBER. Yangtze Optical Fibre and Cable Joint Stock Limited Company
- 3767688** LIGHT EMITTING DIODE. Seoul Viosys Co., Ltd.
- 3767756** CONNECTOR DEVICE, CONNECTOR AND MATING CONNECTOR. Japan Aviation Electronics Industry, Limited
- 3767828** POLYPHASE FILTER. Mitsubishi Electric Corporation
- 3767988** INFORMATION REPORTING METHOD, TERMINAL DEVICE, NETWORK DEVICE, AND COMPUTER STORAGE MEDIUM. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3768016** COMMUNICATIONS METHODS, COMMUNICATIONS APPARATUSES AND COMPUTER STORAGE MEDIUM. HUAWEI TECHNOLOGIES CO., LTD.
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- 3768213** SYSTEM FOR PATIENT POSITIONING IN AN AUTOMATED SURGERY. Mahoney, Ormonde, M.
- 3768551** RETRACTABLE BOLSTERS FOR A REVERSIBLE SEAT. Magna Seating Inc.
- 3769325** MOLDED TAP CHANGER ASSEMBLIES AND METHODS FOR DRY-TYPE TRANSFORMERS. Siemens Energy Global GmbH & Co. KG; Hainan Jinpan Smart Technology Co., Ltd.
- 3769589** COMMUNICATION MODULE FOR A LAMP OPERATING UNIT. Tridonic GmbH & Co. KG
- 3769600** AGRICULTURAL MACHINE. CLAAS E-Systems GmbH
- 3769607** GRINDING STONE AND GRINDING METHOD. CLAAS Selbstfahrende Erntemaschinen GmbH
- 3769983** WORK VEHICLE. CLAAS Tractor S.A.S.
- 3770161** DI(HETERO)ARYL MACROCYCLIC COMPOUND FOR INHIBITING PROTEIN KINASE ACTIVITY. Shenzhen TargetRx, Inc.
- 3770492** LIGHT EMITTING DEVICE. Panasonic Intellectual Property Management Co., Ltd.
- 3770650** CAMERA MODULE INCLUDING LIQUID LENS. LG Innotek Co., Ltd.
- 3770706** INDUSTRIAL CONTROL SYSTEM WITH DISTRIBUTED MOTION PLANNING. Rockwell Automation Technologies, Inc.
- 3770707** INDUSTRIAL CONTROL SYSTEM WITH DISTRIBUTED MOTION PLANNING. Rockwell Automation Technologies, Inc.
- 3770745** METHOD AND DEVICE FOR EXECUTING AN APPLICATION. Samsung Electronics Co., Ltd.
- 3770784** API TOPOLOGY HIDING METHOD, DEVICE AND SYSTEM. HUAWEI TECHNOLOGIES CO., LTD.
- 3771124** METHOD AND APPARATUS FOR CONTROLLING TIMER. HUAWEI TECHNOLOGIES CO., LTD.
- 3771169** MESSAGE PROCESSING METHOD AND RELATED DEVICE. HUAWEI TECHNOLOGIES CO., LTD.
- 3771260** RESOURCE ALLOCATION METHOD, DEVICE, AND SYSTEM. Honor Device Co., Ltd.
- 3771285** COMMUNICATION METHOD AND APPARATUS FOR RELIABLE COMMUNICATION. HUAWEI TECHNOLOGIES CO., LTD.
- 3771601** METHOD FOR OPERATING A BRAKE SYSTEM OF AN AGRICULTURAL TRAIN. CLAAS Tractor S.A.S.
- 3772101** DISPLAY DEVICE. Samsung Display Co., Ltd.
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- 3772249** AEROSOL-GENERATING ARTICLE HAVING MELTABLE ELEMENT.  
Philip Morris Products S.A.
- 3772250** AEROSOL-GENERATING ARTICLE HAVING A THERMAL INDICATOR.  
Philip Morris Products S.A.
- 3772251** AEROSOL-GENERATING ARTICLE HAVING WRAPPER WITH HEAT  
CONTROL ELEMENT. Philip Morris Products S.A.
- 3772885** SCREENING BELT UNIT FOR A HARVESTING MACHINE OR FOR A  
CROP TRANSPORTATION UNIT. Grimme Landmaschinenfabrik GmbH &  
Co. KG
- 3772895** ADAPTIVE GREENHOUSE FOR NURSERY CROPS. Germina S.r.l.
- 3773008** PROCESS FOR PREPARING A SALT-FIBER POWDER WITH BINDING  
PROPERTIES. Société des Produits Nestlé S.A.
- 3773017** COMPOSITION AND METHODS FOR PRODUCING TOBACCO PLANTS  
AND PRODUCTS HAVING INCREASED PHENYLALANINE AND  
REDUCED TOBACCO-SPECIFIC NITROSAMINES (TSNAS). Altria Client  
Services LLC
- 3773045** FLEXIBLE INSOLE FOR A FOOTWEAR ARTICLE AND ORTHOPAEDIC  
SHOE COMPRISING SUCH AN INSOLE. Czaplicki, Nathalie
- 3773052** FOOTWEAR FASTENING SYSTEM. NIKE Innovate C.V.
- 3773057** TRAVEL SUITCASE. Bucchia, Adriano; CRASH BAGGAGE S.R.L.
- 3773072** HOOK MEMBER FOR MODULAR FURNITURE. Moretti & C. 2 s.r.l.
- 3773086** REFRIGERATED SALES CABINET. Carrier Corporation
- 3773112** STITCHBONDED, WASHABLE NONWOVEN TOWELS AND METHOD  
FOR MAKING. Amtex Innovations LLC
- 3773196** BODY CENTER MEASURING AND BALANCE COMPENSATING  
APPARATUS AND BODY CENTER MEASURING AND BALANCE  
COMPENSATING SYSTEM. Anchor Logics Co., Ltd.
- 3773205** AN ENHANCED SENSOR FOR A CONTINUOUS BIOLOGICAL MONITOR.  
Zense-Life Inc.
- 3773213** FLEXIBLE DOSE ESTIMATION WITH USER-DEFINED VOLUMES. Bayer  
HealthCare LLC
- 3773375** DEVICE FOR INTRAOCULAR FLUID INJECTION. New World Medical, Inc.
- 3773386** ABDOMINAL DRESSING WITH MECHANISM FOR FASCIAL CLOSURE.  
KCI Licensing, Inc.
- 3773416** ARRANGEMENT AND METHOD FOR PROVIDING A FORMULATION  
FOR PARENTERAL NUTRITION. Fresenius Kabi AB
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- 3773436** USE OF SORBITYL POLYRHAMNOSIDES AS HUMAN SKIN LIGHTENING AGENTS. Société d'Exploitation de Produits pour les Industries Chimiques SEPPIC
- 3773514** COMPOSITION, IN THE FORM OF A SOFT CAPSULE, COMPRISING A COMBINATION OF EXTRACTS FROM OLIVE FRUIT, RED YEAST RICE AND CROCUS SATIVUS L. AND METHOD OF PREPARING THE SAME. Tseti, Ioulia
- 3773765** HEMOSTATIC EFFICACY OF A NANOSTRUCTURED FIBRIN AGAROSE HYDROGEL. Fundación Pública Andaluza Progreso Y Salud; Servicio Andaluz de Salud
- 3773766** NANOFIBER-REINFORCED HYDROGEL MEDICAL DRESSINGS. Luna Labs USA, LLC
- 3773799** METHOD FOR CALIBRATING A SYRINGE PUMP, SYRINGE PUMP AND DEVICE. Fresenius Medical Care Deutschland GmbH
- 3773871** PULL WIRE DISPLACEMENT ASSEMBLIES. Advanced Bionics AG
- 3773886** BUNDLE OF HIS LEAD DELIVERY CATHETER AND SYSTEM. Cardiac Pacemakers, Inc.
- 3773973** FILTER ARRANGEMENT AND FILTER UNIT. MANN+HUMMEL GmbH
- 3773975** DEVICE AND METHOD FOR SENSING WEAR OF A SEPARATING ELEMENT. BHS-Sonthofen GmbH
- 3773993** NOX REMOVAL FROM GASEOUS EFFLUENTS. Yara International ASA
- 3774100** COOLING APPARATUS FOR COOLING A METAL MATERIAL AND METHOD FOR THE PRODUCTION AND USE THEREOF. SMS Group GmbH
- 3774112** INDUCTION HEATING LINE BILLET PUSHOUT SYSTEM AND METHOD AND JOINTED PUSH ROD ASSEMBLY. Clinton Machine, Inc.
- 3774130** GAS FLOW CONTROL DEVICE FOR AN ADDITIVE MANUFACTURING SYSTEM. General Electric Company
- 3774171** METHOD FOR ASSESSING THE QUALITY OF THE COUPLING OF TWO TUBULAR COMPONENTS. Vallourec Oil and Gas France
- 3774239** METHOD AND APPARATUS FOR AUTOMATED STRIPPING OF WASTE FROM A CUT SUBSTRATE. Kongsberg Precision Cutting Systems AS
- 3774255** DEVICE FOR FORMING COMPONENTS HAVING A CAVITY. Guala Closures S.p.A.
- 3774266** MARKING ON INJECTION MOULDED PARTS FOR CABLE CARRIERS. Igus GmbH
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- 3774274** GUIDING AND CALIBRATION DEVICE OF BLOWN PLASTIC FILM WITH THRUST BARS. Pontarolo, Luca; Pontarolo, Marco, Piero
- 3774275** GUIDING AND CALIBRATION DEVICE OF BLOWN PLASTIC FILM WITH SLIDING BARS. Pontarolo, Luca; Pontarolo, Marco, Piero
- 3774289** METHOD AND ASSEMBLY FOR A CONTINUOUS OR SEMI-CONTINUOUS ADDITIVE MANUFACTURE OF COMPONENTS. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3774329** SELECTIVE LIGHT-BLOCKING OPTICAL PRODUCTS HAVING A NEUTRAL REFLECTION. Southwall Technologies Inc.
- 3774336** AUTOCLAVABLE BARRIER FILM. Cryovac, LLC
- 3774382** A RIM, RIM COMPONENT AND RIM ASSEMBLY FOR A BICYCLE WHEEL AND METHODS OF MANUFACTURE THEREOF. Its Cycling Limited
- 3774411** A METHOD FOR DETERMINING A DESIRED SPEED OF A VEHICLE. VOLVO TRUCK CORPORATION
- 3774412** METHOD FOR DRIVING VEHICLE DAMPERS UPON PASSING OVER A HUMP. Renault s.a.s
- 3774425** BEARING UNIT FOR A HYBRID MODULE. ZF Friedrichshafen AG
- 3774428** SUSPENSION AND TRACTION SYSTEM FOR VEHICLES. Texa Dynamics S.R.L.
- 3774436** METHOD FOR BRAKING A TRAIN SET. Siemens Mobility GmbH
- 3774481** ARRANGEMENT FOR POSITIONING A TRANSFORMER IN A RAIL VEHICLE. Siemens Mobility GmbH
- 3774501** BODY STRUCTURE FOR A VEHICLE. Audi AG
- 3774538** SMART SERVICE TROLLEY AND TROLLEY SUPPORT SYSTEM. Safran Cabin Netherlands N.V.
- 3774542** AIRCRAFT PASSENGER SEAT WITH A MOVABLE SUPPORTED SEAT PAN. ZIM Aircraft Seating GmbH
- 3774552** METHOD AND APPARATUS FOR FLEXIBLY ASSEMBLING PACKAGES OF ABSORBENT ARTICLES. The Procter & Gamble Company
- 3774570** LID FOR A CONTAINER FOR SMOKELESS TOBACCO PRODUCTS AND METHOD OF MANUFACTURING SUCH A LID. R. J. Reynolds Tobacco Company
- 3774591** DISPENSER FOR CAN WITH FIXED VALVE STEM HOUSING. DDP Specialty Electronic Materials US, LLC
- 3774596** CAPSULE FOR PREPARING BEVERAGES, PARTICULARLY COFFEE. Goglio S.p.A.
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- 3774614** LOADING DEVICE FOR PARTICULATE MATERIAL. ImerTech SAS
- 3774623** DEVICE FOR DRIVING THE ROTATION OF COILS AND DRIVING METHOD. Technip France
- 3774654** PRECIPITATED SILICA AND PROCESS FOR ITS MANUFACTURE. Rhodia Operations
- 3774690** PROCESS FOR THE MANUFACTURE OF A COMPOSITE MATERIAL PART BY INJECTION OF A CERAMIC LOADED SLURRY. Safran Ceramics
- 3774702** IMPROVED PROCESSES FOR PREPARING HALOGENATED ALKANES. Blue Cube IP LLC
- 3774703** METHOD FOR RECYCLING CATALYST IN THE PRODUCTION OF CHLORINATED ALKANES. Blue Cube IP LLC
- 3774705** PROCESS FOR MAKING A FEED OF NORMAL BUTANOL, ISO-BUTANOL AND 2-ALKYL ALKANOL. Johnson Matthey Davy Technologies Limited
- 3774720** DEHYDRATION AND AMINATION OF ALPHA-, BETA-DIHYDROXY CARBONYL COMPOUNDS TO ALPHA-AMINO ACIDS. Archer Daniels Midland Company
- 3774741** ANTIMALARIAL HEXAHYDROPYRIMIDINE ANALOGUES. UCB Biopharma SRL
- 3774774** PYRIDINE SUBSTITUTED 2,2'-DI-9H-CARBAZOL-9-YL-[1,1'-BIPHENYL]-DICARBONITRILE DERIVATIVES AND RELATED COMPOUNDS FOR USE IN OPTOELECTRONIC DEVICES. Samsung Display Co., Ltd.
- 3774778** N-(CYCLOPROPYLMETHYL)-5-(METHYLSULFONYL)-N-{1-[1-(PYRIMIDIN-2-YL)-1H-1,2,4-TRIAZOL-5-YL]ETHYL}BENZAMIDE DERIVATIVES AND THE CORRESPONDING PYRIDINE-CARBOXAMIDE DERIVATIVES AS PESTICIDES. Bayer Aktiengesellschaft
- 3774780** COMPOUNDS AND THEIR USE AS PDE4 ACTIVATORS. Mironid Limited
- 3774796** A SUBSTITUTED OXOPYRIDINE DERIVATIVE. Bayer Pharma Aktiengesellschaft
- 3774953** MIXTURES OF AMINOSILYL-FUNCTIONALIZED STYRENES, THEIR PREPARATION AND THEIR USE IN THE PRODUCTION OF ELASTOMERIC COPOLYMERS. Synthos S.A.; Synthos Dwory 7 spolka z ograniczona odpowiedzialnoscia spolka jawna
- 3774999** PERMEABLE SUPERABSORBER AND METHOD FOR THE PRODUCTION THEREOF. BASF SE
- 3775013** FLAME-RETARDANT THERMOPLASTIC MOLDING COMPOSITION. BASF SE
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- 3775039** GLASS FIBER REINFORCED THERMOPLASTIC COMPOSITIONS WITH GOOD MECHANICAL PROPERTIES. Covestro Deutschland AG; Covestro LLC
- 3775043** POLYCARBONATE COMPOSITION, MOLDED ARTICLE PREPARED FROM SAME, AND USE THEREOF. Covestro Intellectual Property GmbH & Co. KG
- 3775086** GEL ADHESIVE COMPRISING CROSSLINKED BLEND OF POLYDIORGANOSILOXANE AND ACRYLIC POLYMER. 3M Innovative Properties Company
- 3775099** MATERIALS FOR ELECTRONIC DEVICES. Merck Patent GmbH
- 3775103** STRUCTURED PACKING FOR CATALYTIC DISTILLATION. Lummus Technology LLC
- 3775105** SUPERCRITICAL WATER PROCESS INTEGRATED WITH VISBREAKER. Saudi Arabian Oil Company
- 3775125** USE OF A RHAMNOLIPID BIOSURFACTANT TO INCREASE THE VISCOSITY OF A FLUID CLEANING COMPOSITION. Unilever Global IP Limited
- 3775211** SIRT1-SARNA COMPOSITIONS AND METHODS OF USE. MiNA Therapeutics Limited
- 3775273** METHODS TO FURTHER ENHANCE SIGNAL AMPLIFICATION FOR THE IN SITU DETECTION OF NUCLEIC ACIDS. Advanced Cell Diagnostics, Inc.
- 3775288** MIRNAS FOR TREATMENT AND IN VITRO DIAGNOSIS OF DRUG RESISTANT TUMORS. Istituti Fisioterapici Ospitalieri; ISTITUTO NAZIONALE TUMORI IRCCS "FONDAZIONE G. PASCALE"; Universita' Degli Studi di Roma "La Sapienza"
- 3775300** STEEL FOR MONOLITHIC AND BIMETALLIC BAND SAWS FOR WOOD. QSGS Technology Grazyna Klepuszewska
- 3775344** A WEFT-KNITTED SPACER FABRIC AND A PREPARATION METHOD THEREOF, USE OF THE FABRIC FOR THE PREPARATION OF A COMPOSITE MATERIAL AND A COMPOSITE MATERIAL COMPRISING THE SAME. BASF SE
- 3775363** A METHOD OF MANUFACTURING ARTIFICIAL LEATHER. MARIO LEVI S.p.A.
- 3775379** TRAVEL TUBE PIECE, RAIL PIECE, AND ROLLER COASTER ARRANGEMENT COMPRISING SAME. Ingenieurbüro Stengel GmbH
- 3775405** LIFT TRUCK. Jansen, Thomas
- 3775406** VIBRATOR LOADER. BEMROSE, Darren
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- 3775476** PRESSURE ENERGIZED SEAL ACTUATOR RING. Baker Hughes Pressure Control LP
- 3775488** METHOD FOR ESTIMATING EITHER FLOWBACK OR THE RESERVOIR FLUID PRODUCTION RATE FROM EITHER ONE INDIVIDUAL INLET OR THE CONTRIBUTION FROM SEVERAL INLETS SEPARATED BY INTERVALS IN A WELLBORE LOCATED IN AN OIL AND/OR GAS RESERVOIR. Repsol, S.A.
- 3775507** LOST MOTION EXHAUST ROCKER ENGINE BRAKE SYSTEM WITH ACTUATION SOLENOID VALVE AND METHOD OF OPERATION. Pacbrake Company
- 3775520** DEVICE AND CONTROL METHOD FOR A SPARK-IGNITION INTERNAL COMBUSTION ENGINE. FPT Industrial S.p.A.
- 3775524** ACOUSTIC TREATMENT PANEL FOR A TURBOJET ENGINE. SAFRAN AIRCRAFT ENGINES
- 3775532** WIND TURBINE ROTOR BLADE AND WIND TURBINE. Wobben Properties GmbH
- 3775567** METHOD FOR CONTROLLING AT LEAST ONE RADIAL BLOWER IN A COOLING SYSTEM, AND RADIAL BLOWER. TEQTONIQ GmbH
- 3775595** METHOD FOR CONTROLLING AN AUTOMATIC CLUTCH. Valeo Systèmes de Contrôle Moteur
- 3775627** PARK LOCK ROD ASSEMBLY. Linamar Corporation
- 3775650** DEVICE FOR KEEPING ELEMENTS SECURED AND THERMALLY PROTECTED. PSA Automobiles SA
- 3775660** FLOW REACTOR PLUG. Corning Incorporated
- 3775688** FIXED-BED GASIFIER FOR GENERATING A PRODUCT GAS FROM POURABLE BIOMASS PARTICLES. Rosmarin Holdings Limited
- 3775770** ARRANGEMENT AND METHOD FOR SURFACE DEFECT DETECTION OF A CABLE. Maillefer S.A.
- 3775775** LARGE-DYNAMIC-RANGE FIBER OPTIC GYROSCOPE. Nufern
- 3775792** FLOWMETER PHASE FRACTION AND CONCENTRATION MEASUREMENT ADJUSTMENT METHOD AND APPARATUS. Micro Motion Inc.
- 3775799** METHOD FOR CALIBRATING A MASS FLOW METER IN A CONSTANT VOLUME SAMPLING (CVS) EXHAUST GAS ANALYSIS SYSTEM. AVL List GmbH
- 3775854** SYSTEM FOR THE DETECTION OF DEFECTS ON A SURFACE OF AT LEAST A PORTION OF A BODY AND METHOD THEREOF. Robot System
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Automation S.R.L.; Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna; Piaggio & C. S.P.A.

- 3775902** DIAGNOSTIC ASSAYS TO DETECT TUMOR ANTIGENS IN CANCER PATIENTS. F. Hoffmann-La Roche AG
- 3775934** METHOD AND DEVICE FOR MEASURING AN EFFECTIVE WIND SPEED IN THE VICINITY OF AN OBJECT. RTE Réseau de Transport d'Electricité
- 3776035** WAVEGUIDE SUBSTRATES AND WAVEGUIDE SUBSTRATE CONNECTOR ASSEMBLIES HAVING WAVEGUIDES AND ALIGNMENT FEATURES AND METHODS OF FABRICATING THE SAME. Corning Research & Development Corporation
- 3776076** PRODUCTION OF WAVEGUIDES MADE OF MATERIALS FROM THE KTP FAMILY. Universität Paderborn
- 3776108** TRACKING STOLEN ROBOTIC VEHICLES. QUALCOMM Incorporated
- 3776133** SYSTEMS AND METHODS FOR DISPENSING MULTI-COMPONENT MATERIALS. Nordson Corporation
- 3776257** OBJECT DATABASE FOR BUSINESS MODELLING WITH IMPROVED DATA SECURITY. Biermann, Gerhard
- 3776362** PORTABLE DUAL-INTERFACE DATA CARRIER WITH METAL FRAME. Giesecke+Devrient Mobile Security GmbH
- 3776454** CORRECTION METHOD, AND DEVICE FOR CORRECTING IMAGE DATA. Continental Automotive Technologies GmbH
- 3776503** FUEL TYPE IDENTIFICATION AND TRANSFER METHOD AND APPARATUS THEREFOR. Asis Otomasyon Ve Akaryakit Sistemleri Anonim Sirketi
- 3776539** METHOD FOR COMPUTER-AIDED TRAINING OF A ROBOT VIA SPEECH DIALOGUE. Siemens Aktiengesellschaft
- 3776543** 6DOF AUDIO RENDERING. Dolby International AB
- 3776575** DATA TRANSMISSION SAFETY FEATURE. Novo Nordisk A/S
- 3776583** GUIDANCE METHOD AND SYSTEM FOR TELEDENTISTRY IMAGING. Koninklijke Philips N.V.
- 3776619** FLEXIBLE CONDUCTOR FOR DISCONNECTOR AND THE DISCONNECTOR THEREOF. Hitachi Energy Switzerland AG
- 3776620** DEVICE FOR ACTUATING A CIRCUIT-BREAKER. ABB Schweiz AG
- 3776623** PARTLY SEALED ION GUIDE AND ION BEAM DEPOSITION SYSTEM. Technische Universität München
- 3776635** CLEAVABLE ADDITIVES FOR USE IN A METHOD OF MAKING A SEMICONDUCTOR SUBSTRATE. BASF SE
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- 3776654** SELF-ALIGNMENT OF OPTICAL STRUCTURES TO RANDOM ARRAY OF PRINTED MICRO-LEDS. Nthdegree Technologies Worldwide Inc.
- 3776697** LITHIUM/SULFUR ELECTROCHEMICAL ELEMENT. SAFT
- 3776704** CATALYST. 3M Innovative Properties Company
- 3776708** CATALYST MATERIAL FOR A FUEL CELL OR AN ELECTROLYSER, AND METHOD OF PRODUCING THE SAME. Technische Universität Berlin
- 3776744** PRINTED CIRCUIT BOARD ASSEMBLY. Phoenix Contact GmbH & Co. KG
- 3776766** REMOVABLE MODULE. ABB Schweiz AG
- 3776768** MECHANICAL ENCODING OF A WITHDRAWABLE MODULE. ABB Schweiz AG
- 3776824** MOTOR FOR A PERSONAL CARE DEVICE. Koninklijke Philips N.V.
- 3776830** POWER CONVERTER INCLUDING A RECIRCULATING SNUBBER. Aerojet Rocketdyne, Inc.
- 3776913** SYSTEMS AND METHODS FOR DETECTING SATELLITE-BASED COMMUNICATION INTERFERENCE. Gogo Business Aviation LLC
- 3776967** SEMI-STATIC HARQ-ACK CODEBOOK WITH MULTIPLE PDSCH TRANSMISSIONS PER SLOT. QUALCOMM Incorporated
- 3776984** COMPACT DCI FOR URLLC. QUALCOMM Incorporated
- 3776997** SYNCHRONIZATION SIGNAL DESIGN FOR UNLICENSED SPECTRUM ACCESS USING CELLULAR COMMUNICATIONS. Apple Inc.
- 3777014** ENCRYPTION BY DEFAULT IN AN ELASTIC COMPUTING SYSTEM. Amazon Technologies Inc.
- 3777043** MEASURING METRICS OF A COMPUTER NETWORK. Juniper Networks, Inc.
- 3777054** METHOD FOR OPERATING AN ETHERNET ON-BOARD NETWORK OF A MOTOR VEHICLE, CONTROL UNIT, AND ETHERNET ON-BOARD NETWORK. Continental Automotive GmbH
- 3777055** LONGEST PREFIX MATCHING. Cisco Technology, Inc.
- 3777059** QUEUE IN A NETWORK SWITCH. Advanced Micro Devices, Inc.
- 3777070** DEEP LINK AUTHENTICATION. VISA INTERNATIONAL SERVICE ASSOCIATION
- 3777074** METHOD FOR VALIDATING A NODE. Banco Bilbao Vizcaya Argentaria, S.A.
- 3777104** STREAMING USING CONSTRAINED DYNAMIC MULTI-HOP NETWORK. LumenRadio AB
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- 3777246** METHODS, APPARATUS AND SYSTEMS FOR THREE DEGREES OF FREEDOM (3DOF+) EXTENSION OF MPEG-H 3D AUDIO. Dolby International AB
- 3777275** SECURE PACKET DATA CONVERGENCE PROTOCOL (PDCP) VERSION CHANGE. QUALCOMM INCORPORATED
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- 3777351** FACILITATING SCRAMBLING OF WAKE-UP SIGNAL SEQUENCES. QUALCOMM Incorporated
- 3777367** METHOD AND SYSTEM FOR CALIBRATING TIME SHIFT BETWEEN PATHWAYS OF A SYSTEM FOR MULTIPATHWAY RECEPTION OF RADIOELECTRIC SIGNALS. THALES
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- 3777433** METHOD FOR ALLOCATING RESOURCES, METHOD FOR RECEIVING A RESOURCE ALLOCATION, CORRESPONDING COMPUTER PROGRAM PRODUCTS, MODULES AND SIGNAL. ORANGE
- 3777444** EXTENDED RANDOM ACCESS PREAMBLE IDENTIFIER FOR ENHANCED RANDOM ACCESS CHANNEL. Telefonaktiebolaget LM Ericsson (publ)
- 3777467** INTERFERENCE DETECTION AND MANAGEMENT USING ACK/NACK SIGNALS. QUALCOMM Incorporated
- 3777673** EXERCISE INTENSITY ESTIMATION METHOD, EXERCISE INTENSITY ESTIMATION DEVICE, AND PROGRAM. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
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- 3777700** ULTRASONIC SYSTEM AND METHOD OF CONTROLLING  
ULTRASONIC SYSTEM. FUJIFILM Corporation
- 3777737** CRYOABLATION CATHETER, CRYOABLATION OPERATING  
APPARATUS AND CRYOABLATION EQUIPMENT. Piedmont Medsystems  
(Zhuhai) Co., Ltd.
- 3777789** DEVICE FOR EYE SURGERY. Lamarca Mateu, José
- 3777804** ABSORBENT ARTICLE. Unicharm Corporation
- 3777843** DRUG DELIVERY PARTICLE AND METHOD FOR PRODUCING THE  
SAME. National Center of Neurology and Psychiatry
- 3778092** MACHINING CUTTER FOR TIP DRESSING. Kyokutoh Co., Ltd.
- 3778093** MACHINING CUTTER FOR TIP DRESSING. KYOKUTOH CO., LTD.
- 3778177** FOAM MOLDING AND METHOD FOR PRODUCING SAME. Asahi Kasei  
Kabushiki Kaisha
- 3778185** BLOW MOLDING DIE AND BLOW MOLDING DEVICE. NISSEI ASB  
MACHINE CO., LTD.
- 3778278** VEHICLE HAVING A SUPPORT DEVICE OF A BATTERY PACK. Daimler  
Truck AG; AVL List GmbH
- 3778286** COOLING METHOD AND COOLING DEVICE OF ELECTRIC MOTOR.  
NISSAN MOTOR CO., LTD.; Renault s.a.s
- 3778297** VEHICLE SEAT. TS Tech Co., Ltd.
- 3778429** PACKING UNIT FOR AN AIR-CONDITIONING APPARATUS. Mitsubishi  
Electric Corporation
- 3778713** PHOSPHORYLCHOLINE GROUP-CONTAINING POLYSILOXANE  
MONOMER. NOF Corporation
- 3778782** METHOD FOR COLLECTING LIQUID COMPOSITION. AGC INC.
- 3779290** AIR CONDITIONER. Mitsubishi Electric Corporation
- 3779305** AIR CONDITIONER. Mitsubishi Electric Corporation
- 3779323** AIR CONDITIONING SYSTEM CONTROL DEVICE, OUTDOOR UNIT,  
RELAY UNIT, HEAT SOURCE UNIT, AND AIR CONDITIONING SYSTEM.  
Mitsubishi Electric Corporation
- 3779324** AIR CONDITIONER. Mitsubishi Electric Corporation
- 3779325** HEAT PUMP SYSTEM. DAIKIN INDUSTRIES, LTD.
- 3779329** AIR CONDITIONER. Mitsubishi Electric Corporation
- 3779415** DIELECTRIC CONSTANT ESTIMATION DEVICE AND MICROWAVE  
HEATING APPARATUS PROVIDED WITH DIELECTRIC CONSTANT  
ESTIMATION DEVICE. Panasonic Holdings Corporation; Whirlpool  
Corporation
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- 3779416** JOINT CONNECTION METHOD FOR LONG PIPES, AND METHOD FOR PRODUCING COILED TUBING WITH JOINTS. NIPPON STEEL CORPORATION
- 3779476** CAPACITANCE MEASURING CIRCUIT, AND CAPACITANCE DISPLACEMENT METER. NF HOLDINGS CORPORATION
- 3779479** DISTRIBUTION BOARD. Nitto Kogyo Corporation
- 3779484** METHOD AND APPARATUS FOR CORRECTING STATE OF HEALTH OF BATTERY, AND MANAGEMENT SYSTEM AND STORAGE MEDIUM. Contemporary Amperex Technology Co., Limited
- 3779485** AVAILABLE BATTERY ENERGY DETERMINATION METHOD AND DEVICE, MANAGEMENT SYSTEM AND STORAGE MEDIUM. Contemporary Amperex Technology Co., Limited
- 3779598** METHOD FOR PROVIDING A SET OF PROCESS TOOL CORRECTABLES. Kla-Tencor Corporation
- 3779627** STATE-CHANGE DETECTING DEVICE AND STATE-CHANGE DETECTING METHOD. OMRON CORPORATION
- 3779917** LOW ENERGY AUDIO STREAMING. Orion Labs
- 3780025** INDUCTOR CORE, ELECTRONIC PEN CORE PORTION, ELECTRONIC PEN, AND INPUT DEVICE. Kyocera Corporation
- 3780026** INDUCTOR CORE, ELECTRONIC PEN CORE PORTION, ELECTRONIC PEN, AND INPUT DEVICE. Kyocera Corporation
- 3780027** INDUCTOR CORE, ELECTRONIC PEN CORE PORTION, ELECTRONIC PEN, AND INPUT DEVICE. Kyocera Corporation
- 3780028** CONTACTLESS-TYPE POWER TRANSMISSION DEVICE, ELECTROMAGNETIC WAVE IRRADIATION/RECEPTION DEVICE, POWER TRANSMISSION/INFORMATION COMMUNICATION DEVICE, AND AUTONOMOUS MOBILE ROBOT SYSTEM. Japan Aviation Electronics Industry, Limited
- 3780044** CAPACITOR AND MANUFACTURING METHOD THEREFOR. SHENZHEN GOODIX TECHNOLOGY CO., LTD.
- 3780219** NONAQUEOUS ELECTROLYTE BATTERY, AND BATTERY PACK. KABUSHIKI KAISHA TOSHIBA
- 3780261** ANTENNA ASSEMBLY. Ubiquiti Inc.
- 3780263** ELECTRONIC DEVICE HAVING SLOT ANTENNA. Huawei Technologies Co., Ltd.
- 3780272** ANTENNA APPARATUS AND TERMINAL DEVICE. Huawei Technologies Co., Ltd.
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- 3780318** BATTERY DEVICE AND VEHICLE. KABUSHIKI KAISHA TOSHIBA
- 3780382** BOOST CONVERTER CONTROL METHOD AND CONTROL DEVICE.  
NISSAN MOTOR CO., LTD.
- 3780514** TUNNEL SETUP METHOD, APPARATUS, AND SYSTEM. HUAWEI  
TECHNOLOGIES CO., LTD.
- 3780552** MESSAGE PROCESSING METHOD IN DISTRIBUTED DEVICE AND  
DISTRIBUTED DEVICE. HUAWEI TECHNOLOGIES CO., LTD.
- 3780673** DATA TRANSMISSION METHOD AND TERMINAL DEVICE.  
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3780680** 5G DEPLOYMENT THROUGH A 4G NETWORK. ZTE Corporation
- 3780719** BASE STATION DEVICE, TERMINAL DEVICE, COMMUNICATION  
METHOD, AND COMMUNICATION SYSTEM. FUJITSU LIMITED
- 3780760** COMMUNICATION METHOD, NETWORK DEVICE, AND TERMINAL  
DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS  
CORP., LTD.
- 3780790** DEVICES AND METHODS FOR POLICY MANAGEMENT OF USER  
EQUIPMENT IN WIRELESS COMMUNICATION SYSTEM. Samsung  
Electronics Co., Ltd.
- 3780842** METHOD AND DEVICE FOR TRANSMITTING AND RECEIVING UPLINK  
CONTROL INFORMATION. HUAWEI TECHNOLOGIES CO., LTD.
- 3780956** METHOD FOR ASSESSING THE VOLATILE RELEASE PERFORMANCE  
OF MICROCAPSULES. Givaudan SA
- 3780966** IMPROVED STICK SUPPLY UNIT FOR A LOLLIPOP FORMING  
MACHINE. GEA Food Solutions Weert B.V.
- 3780975** SUSTAINED ENERGY PROVIDING AND FREE RADICAL PROTECTIVE  
COMPOSITION. Protea Biopharma N.V.
- 3780984** A SKI BOOT. Calzaturificio S.C.A.R.P.A. S.p.A.
- 3780992** DEVICE FOR APPLYING A COSMETIC PRODUCT WITH A DRESSING,  
KIT AND ASSOCIATED DRESSING METHOD. L'OREAL
- 3781010** CLEANING MACHINE COMPRISING A CLEANING HEAD HAVING A  
TRANSMISSION DEVICE. Alfred Kärcher SE & Co. KG
- 3781021** OCCLUSION-CROSSING DEVICES. Avinger, Inc.
- 3781029** DEVICE, SYSTEM AND METHOD FOR SUPPORTING DETECTION OF  
RETURN OF SPONTANEOUS CIRCULATION DURING  
CARDIOPULMONARY RESUSCITATION. Koninklijke Philips N.V.
- 3781031** DUAL MODE MARKER AND TRACER DETECTION SYSTEM.  
Endomagnetics Ltd.
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- 3781047** CLIP APPLICATOR. Aesculap AG
- 3781079** DENTAL MODEL AND STUMP OF A TOOTH FOR A DENTAL MODEL.  
Rapid Shape GmbH; Straumann Holding AG
- 3781219** A KIT FOR IN SITU IMMOBILIZATION WITH ANTIFUNGAL AND  
ANTIMICROBIAL EFFECTS. MP Lumber d.o.o.; Doctors & Co. d.o.o.
- 3781225** INTRAVASCULAR PUMP WITH EXPANDABLE DISTAL REGION.  
Cardiovascular Systems, Inc.
- 3781266** COSMETIC COMPOSITION COMPRISING AN AQUEOUS ROSE HIP  
EXTRACT. L V M H RECHERCHE
- 3781272** DUAL-MOLDED POLYAMIDE-SILICONE COMPOSITE ARTICLE AND  
METHODS OF MAKING. 3M Innovative Properties Company
- 3781275** COOPERATION SYSTEM BETWEEN A WHEELCHAIR AND EXERCISING  
DEVICE. EVOWELL ITALY S.R.L.
- 3781286** HIGH BURST STRENGTH WET-LAID NONWOVEN FILTRATION MEDIA  
AND ITS USE. Ahlstrom-Munksjö Oyj
- 3781291** A PRESSURE SWING ADSORPTION SYSTEM. Parker Hannifin EMEA  
S.à.r.l.
- 3781313** SAMPLE TRANSFER DEVICE. Biosurfit, S.A.
- 3781320** STRIKING TOOL AND ROTOR FITTED WITH SAME FOR A MACHINE  
FOR CRUSHING METAL OBJECTS OR ROCKY MATERIALS. Stahlwerke  
Bochum GmbH
- 3781327** SUPPLY SYSTEM FOR SUPPLYING MULTIPLE CONSUMERS WITH AN  
APPLICATION SUBSTANCE. Dürr Systems AG
- 3781328** CHROME-LOOK PVD LAYER WITH IMPROVED ADHESION. Oerlikon  
Surface Solutions AG, Pfäffikon
- 3781356** HAND HELD ELECTRIC PULSE TOOL AND A METHOD FOR  
TIGHTENING OPERATIONS. Atlas Copco Industrial Technique AB
- 3781379** METHOD FOR MAKING A PLASTIC OBJECT AND SYSTEM FOR  
MANUFACTURING SAID OBJECT. Ares Line S.p.A.
- 3781381** PROCESS AND DEVICE FOR ROTATIONALLY CONVEYING PREFORMS  
MADE OF THERMOPLASTIC MATERIALS. Sidel Participations
- 3781401** PRINTING SYSTEM FOR PRINTING SUBSTRATES AS WELL AS  
METHOD FOR OPERATING THE PRINTING SYSTEM. EKRA  
Automatisierungssysteme GmbH
- 3781404** PROCESSING MACHINE COMPRISING A RADIATION DRYER AND  
METHOD OF OPERATING. Koenig & Bauer AG
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- 3781408** SMARTPHONE-VERIFIABLE, LUMINESCENT-MATERIAL-BASED SECURITY FEATURE AND ASSEMBLY FOR VERIFICATION.  
Bundesdruckerei GmbH
- 3781417** TREAD STRUCTURE OF AN AGRICULTURAL VEHICLE TYRE.  
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
- 3781429** A POWER TRANSFER SYSTEM FOR ELECTRIC VEHICLES. ABB Schweiz AG
- 3781430** BATTERY MANAGEMENT SYSTEM HAVING SWITCH CONTROL, IN PARTICULAR FOR A RAIL VEHICLE. PowerTech Converter GmbH;  
Ellenberger & Poensgen GmbH
- 3781433** SYSTEM FOR INERTIALLY UNLOCKING A SEAT BACK. Safran Seats
- 3781443** ROOF-BAR ASSEMBLY INTENDED TO BE POSITIONED ON A VEHICLE ROOF. NOVARES France
- 3781448** IMPROVED BRAKE WEAR MONITORING. Ovinto cvba
- 3781456** A METHOD FOR REVERSING A VEHICLE COMBINATION. VOLVO TRUCK CORPORATION
- 3781459** FRAME HORN FOR A CRADLE OF A MOTOR VEHICLE. PSA Automobiles SA
- 3781462** DEVICE FOR CENTRING A CABLE FOR FIXING A SPARE WHEEL BENEATH THE FLOOR OF A MOTOR VEHICLE. Renault s.a.s
- 3781464** CONVEYOR SYSTEM HAVING A CONVEYOR CARRIAGE. pentanova cs GmbH
- 3781476** SYSTEM FOR AN AIRCRAFT WING. Moog Wolverhampton Limited
- 3781486** STORAGE APPARATUS. Prieschl, Marco
- 3781487** PACKAGE WITH SEPARABLE LID STRUCTURE. N.V. Nutricia
- 3781489** PACKAGE FOR FOOD PRODUCTS AND USES THEREOF. Pastificio Rana S.p.A.
- 3781491** SYSTEM FOR PROCESSING PRODUCTS RECOVERED FOR REUSE.  
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
- 3781492** INJECTION MOULDED PACKAGING WITH A CONTAINER HAVING A FOLDED UPPER RIM. Berry Superfos Randers A/S
- 3781495** MIXED BEVERAGE SET FOR PRODUCING A MIXED BEVERAGE. Rondo Ganahl Aktiengesellschaft
- 3781519** METHOD FOR PRODUCING CHLOROSILANES. Wacker Chemie AG
- 3781521** AMMONIA PLANT HAVING A START-UP FURNACE AND METHOD FOR PRODUCING AMMONIA. thyssenkrupp Industrial Solutions AG; thyssenkrupp AG
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- 3781526** APPARATUS AND METHOD FOR CONTROLLING AN OXYGEN CONTAINING ATMOSPHERE IN A GLASS MANUFACTURING PROCESS.  
Corning Incorporated
- 3781541** METHOD FOR PRODUCING ACETYLENE AND SYNGAS. BASF SE
- 3781542** OXIDATION OF ALKYLATED P-HYDROQUINONES IN AQUEOUS SOLUTIONS BY HYDROGEN PEROXIDE. DSM IP Assets B.V.
- 3781560** PYRAZO-TETRAHYDROISOQUINOLINE DERIVATIVES AS DOPAMINE D1 RECEPTOR POSITIVE MODULATORS. Eli Lilly and Company
- 3781563** HPK1 INHIBITORS, PREPARATION METHOD AND APPLICATION THEREOF. Zhuhai Yufan Biotechnologies Co., Ltd
- 3781567** IMIDAZOPYRIDINES USEFUL AS MITOCHONDRIAL UNCOUPLERS.  
Virginia Tech Intellectual Properties, Inc.
- 3781606** RADIATION CURABLE INKJET INK COMPOSITIONS, PRINTED ARTICLES, AND THERMAL INKJET METHODS OF USING THE SAME.  
Kao Corporation
- 3781610** PROCESS FOR THE MANUFACTURE OF POLYETHER POLYMERS.  
Solvay Specialty Polymers Italy S.p.A.
- 3781611** METHOD OF MAKING MIXTURE OF POLYMERS. Solvay Specialty Polymers Italy S.p.A.
- 3781622** ADHESIVE COMPOSITIONS WITH A GELCONTENT FROM CROSSLINKING OF KETO- OR ALDEHYDE GROUPS. BASF SE
- 3781624** USE OF VULCANISATES COMPRISING HNBR-PEG ACRYLATE COPOLYMER IN CONTACT WITH COOLANT. ARLANXEO Deutschland GmbH
- 3781629** BY MEANS OF IONIZING RADIATION STERILIZABLE MOULDED PARTS MADE FROM POLYCARBONATE. Covestro Intellectual Property GmbH & Co. KG; Covestro LLC
- 3781630** BY MEANS OF IONIZING RADIATION STERILIZABLE MOULDED PARTS MADE FROM POLYCARBONATE. Covestro Intellectual Property GmbH & Co. KG; Covestro LLC
- 3781632** ANTIFREEZE COMPOSITION. Aqua-Concept Gesellschaft für Wasserbehandlung mbH
- 3781636** ADDITIVE COMPOSITION FOR AQUEOUS DISPERSIONS OF HYDROPHOBIC POLYMERS. BASF SE
- 3781638** PERMANENTLY TACKY ADHESIVES WITH IMPROVED ENVIRONMENTAL COMPATIBILITY. Clariant International Ltd
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- 3781659** COMPOSITIONS AND POLYMERS USEFUL FOR SUCH COMPOSITIONS.  
BASF SE
- 3781701** DETECTION OF BACTERIA. Ecole Polytechnique Fédérale de Lausanne  
(EPFL)
- 3781723** NOZZLE HEAD AND APPARATUS. Beneq OY
- 3781742** MULTI-PLY TISSUE PAPER PRODUCT AND METHOD OF  
MANUFACTURING THE SAME. Essity Hygiene and Health Aktiebolag
- 3781748** DIGGING EQUIPMENT AND OPERATING MACHINE. Simex S.r.l.
- 3781762** DEVICE AND METHOD FOR CONSTRUCTING A SWIMMING POOL.  
Berndorf Metall- und Bäderbau GmbH
- 3781767** VEHICLE DOOR HANDLE ASSEMBLY. U-Shin Italia S.p.A.
- 3781768** LOCK FOR A MOTOR VEHICLE. Kiekert AG
- 3781769** ACTUATOR ASSEMBLY FOR DOOR LATCH FOR VEHICLES. Kiekert AG
- 3781774** A SPACER WITH DOUBLE SIDE SURFACES. ROLLTECH A/S
- 3781776** ARTICULATED SUPPORT FOR A DRILLING MAST OF A DRILLING  
MACHINE AND RELATED DRILLING MACHINE. Beretta Alfredo S.r.l.
- 3781779** MODIFIED TUBULAR. X-Holding GmbH
- 3781788** FREE PISTON ENGINE GENERATOR AND METHOD FOR PRODUCING  
ELECTRIC POWER. Suisse Technology Group SA
- 3781794** TURBINE RING ASSEMBLY WITH INTER-SECTOR SEALING. SAFRAN  
AIRCRAFT ENGINES
- 3781798** A COOLING SYSTEM COMPRISING AT LEAST TWO COOLING  
CIRCUITS CONNECTED TO A COMMON EXPANSION TANK. Scania CV  
AB
- 3781800** INTERNAL COMBUSTION ENGINE ARRANGEMENT. VOLVO TRUCK  
CORPORATION
- 3781829** A VALVE AND A MANUFACTURING METHOD OF A BEARING  
SURFACE FOR A VALVE. Neles Finland Oy
- 3781838** A TORSIONAL DAMPER. VOLVO TRUCK CORPORATION
- 3781839** CENTRIFUGAL PENDULUM. Schaeffler Technologies AG & Co. KG
- 3781852** PINCHING DEVICE. DrM, Dr. Müller AG
- 3781856** CLAMPING DEVICE FOR SEALING AND CONNECTING TWO PIPES.  
ElringKlinger AG
- 3781866** PREMIX GAS BURNER. Bekaert Combustion Technology B.V.
- 3781868** METHOD AND APPARATUS FOR THE START-UP AND CONTROL OF  
PULSE COMBUSTORS USING SELECTIVE INJECTOR OPERATION. North  
American Wave Engine Corporation
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- 3781880** SOLAR CONCENTRATOR HAVING A CONTINUOUS PARABOLIC REFLECTIVE SURFACE. ENI S.p.A.
- 3781882** THERMAL CONDITIONING DEVICE FOR A MOTOR VEHICLE. VALEO SYSTEMES THERMIQUES
- 3781899** OPTICAL MEASURING DEVICE AND METHOD FOR MEASURING AN OPTICAL ELEMENT. Möller-Wedel Optical GmbH
- 3781929** GAS ANALYSIS SYSTEM AND METHOD. FLO2R APS
- 3781942** TRANSITION ANALYSIS METHOD FOR CHROMATOGRAPHY COLUMN QUALIFICATION. Janssen Biotech, Inc.
- 3781965** DEVICE, METHOD AND COMPUTER PROGRAM PRODUCT FOR VALIDATING DATA PROVIDED BY A RAIN SENSOR. Suez International
- 3781975** A LIGHTING DEVICE. Signify Holding B.V.
- 3781987** RADIATION CURABLE COMPOSITIONS FOR ADDITIVE FABRICATION. Covestro (Netherlands) B.V.
- 3781988** METHOD, MEASURING SYSTEM AND LITHOGRAPHY APPARATUS. Carl Zeiss SMT GmbH
- 3781998** METHOD TO RESTORE THE FUNCTIONAL STATE OF AN AUTOMATIC MACHINE FOR THE PRODUCTION OF TOBACCO INDUSTRY ARTICLES. G.D Società per Azioni
- 3782006** DATA CAPTURE SYSTEM FOR INSTRUMENTING A STRUCTURE. Safran Data Systems
- 3782061** SYSTEM AND METHOD TO SECURELY EXECUTE DATACENTER MANAGEMENT OPERATIONS REMOTELY. Microsoft Technology Licensing, LLC
- 3782062** PASSWORD RESET FOR MULTI-DOMAIN ENVIRONMENT. Microsoft Technology Licensing, LLC
- 3782066** NOP SLED DEFENSE. Microsoft Technology Licensing, LLC
- 3782175** POLYHEDRAL COIL SYSTEMS HAVING A LARGE HOMOGENEITY VOLUME AND LARGE ACCESS ZONE. STL Systems AG
- 3782178** DRIVING ASSEMBLY OF DISCONNECTING SWITCH AND DISCONNECTING SWITCH AND SWITCH CABINET FOR SAME. Siemens Aktiengesellschaft
- 3782183** PLASMA CLEANING APPARATUS. Tata Steel Nederland Technology B.V.
- 3782193** METHOD OF MANUFACTURING AN OPTOELECTRONIC DEVICE HAVING A MATRIX OF DIODES. COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES
- 3782210** ELECTRICAL ENERGY SYSTEM COMPRISING FUEL CELLS. Audi AG
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- 3782237** CONNECTOR PART WITH HERMAPHRODITIC CONTACT ELEMENTS.  
EPT Holding GmbH & Co. KG; Phoenix Contact GmbH & Co. KG
- 3782238** SYSTEM OF SHIELDED PLUG CONNECTOR MODULES FOR MODULAR  
INDUSTRIAL PLUG CONNECTORS. HARTING Electric GmbH & Co. KG
- 3782239** ELECTRICAL CONNECTOR WITH CONNECTOR POSITION ASSURANCE  
ELEMENT. TE Connectivity Corporation
- 3782254** A METHOD AND SYSTEM FOR POWER BALANCING. Enequi AB
- 3782257** FLOOR-STANDING ENERGY DISPENSER, AND SYSTEM COMPRISING  
AN ENERGY DISPENSER AND A SUPPLY DEVICE. Zwick, Carola; Zwick,  
Roland; Schmitz, Burkhard
- 3782264** STATOR ASSEMBLY. Renault s.a.s; NISSAN MOTOR CO., LTD.
- 3782270** SYNCHRONOUS ELECTRICAL MACHINE. Safran Electrical & Power
- 3782287** CAPACITIVE CONTROL SYSTEM, IN PARTICULAR A STEERING  
WHEEL COLUMN INTEGRATED MODULE OF AN AUTOMOTIVE  
VEHICLE. MERIT AUTOMOTIVE ELECTRONICS SYSTEMS S.L.U
- 3782292** PACKET CORRELATOR FOR A WIRELESS TRANSMISSION SYSTEM.  
Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3782306** MULTI-LAYER WAVELENGTH-DIVISION MULTIPLEXING DEVICES.  
Alliance Fiber Optic Products, Inc.
- 3782321** DEMODULATION REFERENCE SIGNAL (DMRS) TIME-DOMAIN  
BUNDLING AND MULTIPLE CODEWORD TRANSMISSION AND  
PROCESSING. QUALCOMM Incorporated
- 3782332** VOICE ASSISTANCE DEVICE FOR HOME AUTOMATION  
APPLICATIONS. Urmet S.P.A.
- 3782335** PRESERVING DIGITAL INK SPATIAL RELATIONSHIPS IN ELECTRONIC  
MESSAGES. Microsoft Technology Licensing, LLC
- 3782343** APPARATUSES AND METHODS FOR HANDLING DATA PACKETS.  
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
- 3782345** METHOD FOR FILTERING ATTACK STREAMS TARGETTING A  
CONNECTIVITY MODULE. Renault s.a.s; NISSAN MOTOR CO., LTD.
- 3782347** METHOD FOR SECURE HANDLING OF EARLY DATA TRANSMISSION.  
Telefonaktiebolaget LM Ericsson (publ)
- 3782354** METHOD FOR COMMUNICATION BETWEEN AN APPLICATION AND A  
MACHINE IN A FABRICATION. Robert Bosch GmbH
- 3782393** SERVICE-BASED 5G CORE AUTHENTICATION ENDPOINTS.  
Telefonaktiebolaget LM Ericsson (publ)
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- 3782410** METHOD AND APPARATUS FOR DETERMINING TRANSMIT POWER SHARING. Lenovo (Singapore) Pte. Ltd.
- 3782581** INTERDENTAL CLEANING TOOL. Kobayashi Pharmaceutical Co., Ltd.
- 3782598** ADHESIVE COMPOSITION FOR DENTAL USE. Kuraray Noritake Dental Inc.
- 3782747** SHAPING AND SOFT REDUCTION METHOD FOR THE CONTINUOUS CASTING OF STEEL. JFE Steel Corporation
- 3782756** ARC WELDING CONTROL METHOD. Panasonic Intellectual Property Management Co., Ltd.
- 3782757** ARC-WELDING CONTROL METHOD. Panasonic Intellectual Property Management Co., Ltd.
- 3782762** EXOTHERMIC WELDING SYSTEM AND METHOD. KLK Electro Materiales, S.L.U.
- 3782767** AUTOMOBILE CALIBRATION DEVICE. AUTEL INTELLIGENT TECHNOLOGY CORP., LTD.
- 3782810** COMPOSITE OF METAL AND CARBON-FIBER-REINFORCED RESIN MATERIAL, AND METHOD FOR MANUFACTURING COMPOSITE OF METAL AND CARBON-FIBER-REINFORCED RESIN MATERIAL. NIPPON STEEL CORPORATION
- 3782874** STROLLER. Yoo, Sang Jin
- 3782937** BELT CONVEYOR. Kawasaki Jukogyo Kabushiki Kaisha
- 3782956** METHOD FOR MANUFACTURING BACTERIUM-PRODUCED CELLULOSE CARBON. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3782958** NONAQUEOUS ELECTROLYTIC SOLUTION SECONDARY BATTERY. Mitsubishi Chemical Corporation; MU Ionic Solutions Corporation
- 3783000** MACROCYCLIC KINASE INHIBITOR. Hitgen Inc.
- 3783073** ANTIFOULING COATING COMPOSITION. Nitto Kasei Co., Ltd.
- 3783074** COPOLYMER FOR ANTIFOULING COATING COMPOSITION AND ANTIFOULING COATING COMPOSITION CONTAINING SAID COPOLYMER. Nitto Kasei Co., Ltd.
- 3783076** METHOD FOR SUPPRESSING CORROSION UNDER HEAT-INSULATING MATERIAL, AND PASTE FOR SUPPRESSING CORROSION UNDER HEAT-INSULATING MATERIAL. Showa Denko Materials Co., Ltd.
- 3783084** PHOTOCHROMIC COMPOUND, CURABLE COMPOSITION CONTAINING SAID PHOTOCHROMIC COMPOUND, AND OPTICAL ARTICLE. Tokuyama Corporation
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- 3783087** LUBRICATING OIL COMPOSITION AND VISCOSITY MODIFIER FOR LUBRICATING OIL. Mitsui Chemicals, Inc.
- 3783114** COMPOSITIONS, METHODS AND KITS TO DETECT HERPES SIMPLEX VIRUS NUCLEIC ACIDS. Gen-Probe Incorporated
- 3783155** WORK MACHINE. Hitachi Construction Machinery Co., Ltd.
- 3783293** FLUID FLOW-PATH DEVICE. Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
- 3783358** METHOD FOR ANALYZING TRIGLYCERIDE, METHOD FOR SEPARATING OIL AND FAT, AND METHOD FOR MANUFACTURING TRIGLYCERIDE. THE NISSHIN OILIO GROUP, LTD.
- 3783373** EMC TEST SYSTEM APPLICABLE TO ROTATING LOAD, AND TEST METHOD THEREOF. Zhuhai Enpower Electric Co., Ltd.
- 3783376** ELECTRIC MOTOR DIAGNOSING DEVICE. Mitsubishi Electric Corporation
- 3783401** ELLIPTICAL POLARIZING PLATE AND ORGANIC LIGHT EMITTING DEVICE. LG CHEM, LTD.
- 3783403** ELLIPTICAL POLARIZING PLATE AND ORGANIC LIGHT-EMITTING DEVICE. LG CHEM, LTD.
- 3783404** ELLIPTICAL POLARIZING PLATE AND ORGANIC LIGHT EMITTING DEVICE. LG CHEM, LTD.
- 3783407** OVAL POLARIZING PLATE AND ORGANIC LIGHT EMITTING DEVICE. LG CHEM, LTD.
- 3783425** VARIABLE TRANSMITTANCE FILM AND SMART WINDOW INCLUDING SAME. LG CHEM, LTD.
- 3783589** SECURE AGGREGATE ORDER SYSTEM, SECURE COMPUTATION APPARATUS, SECURE AGGREGATE ORDER METHOD, AND PROGRAM.. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3783600** ELECTRIC MUSICAL INSTRUMENT SYSTEM. Roland Corporation
- 3783640** SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE. NISSAN MOTOR CO., LTD.; Renault s.a.s
- 3783652** IMAGING ELEMENT, MULTILAYER IMAGING ELEMENT, AND SOLID-STATE IMAGING DEVICE. Sony Group Corporation
- 3783653** IMAGING ELEMENT, MULTILAYER IMAGING ELEMENT, AND SOLID-STATE IMAGING DEVICE. Sony Group Corporation
- 3783654** IMAGE-CAPTURE ELEMENT, STACKED IMAGE-CAPTURE ELEMENT, AND SOLID IMAGE-CAPTURE DEVICE. Sony Group Corporation
- 3783655** IMAGING ELEMENT, MULTILAYER IMAGING ELEMENT, AND SOLID-STATE IMAGING DEVICE. Sony Group Corporation
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- 3783845** DETERMINATION METHOD, DETERMINATION DEVICE AND DETERMINATION PROGRAM. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3783846** DETERMINATION METHOD, DETERMINATION DEVICE AND DETERMINATION PROGRAM. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3783958** WIRELESS BACKHAUL CONNECTION METHOD AND DEVICE. Beijing Xiaomi Mobile Software Co., Ltd.
- 3784002** MICROWAVE HEATING DEVICE. Panasonic Intellectual Property Management Co., Ltd.
- 3784003** MICROWAVE HEATING DEVICE. Panasonic Intellectual Property Management Co., Ltd.
- 3784024** GROWING METHOD OF FRUIT TREES AND ASSOCIATED TREE. FENO SOCIETA' CONSORTILE A RESPONSABILITA' LIMITATA
- 3784026** BLOWER. Emak S.p.A.
- 3784050** PIGMENT-LOADED SOLID LIPID NANOPARTICLES. Oterra A/S; København Universitet
- 3784065** METHOD AND MACHINE FOR DETECTING AT LEAST ONE PROPERTY OF ARTICLES OF THE TOBACCO INDUSTRY HAVING AN AT LEAST PARTLY METALLIC COATING. G.D S.p.A.
- 3784069** ELECTRONIC CIGARETTE WITH PROTECTIVE COVER. JT International SA
- 3784071** AN AEROSOL-GENERATING DEVICE HAVING TEMPERATURE-BASED CONTROL. Philip Morris Products S.A.
- 3784075** ELECTRONIC CIGARETTE WITH OPTIMISED VAPORISATION. JT International SA
- 3784076** CAPSULE FOR AN ELECTRONIC CIGARETTE WITH OPTIMISED VAPORISATION. JT International SA
- 3784083** METHOD FOR PROVIDING A PADDING. Cannon & Macintosh Investment Limited
- 3784084** SHOE, ESPECIALLY SPORTS SHOE. PUMA SE
- 3784088** HAIR STYLING DEVICE. Koninklijke Philips N.V.
- 3784089** DEVICE FOR APPLYING A VISCOUS SUBSTANCE. Schwan-STABILO Cosmetics GmbH & Co. KG
- 3784103** FLOOR TREATMENT MACHINE. NUMATIC INTERNATIONAL LIMITED
- 3784143** REENTRY CATHETER.. ASAHI INTECC CO., LTD.
- 3784155** DEVICE FOR FIXATION OF BONE FRAGMENTS. Swemac Innovation AB
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- 3784163** DENTAL TOOL, DENTAL HANDPIECE AND DENTAL SYSTEM.  
DENTSPLY SIRONA Inc.
- 3784181** SYSTEM FOR LASER PHOTOCOAGULATION OF THE RETINA. Quantel  
Medical; Office National d'Etudes et de Recherches Aérospatiales (ONERA)
- 3784198** METHOD, SYSTEM AND APPARATUS FOR GUIDING AND TRACKING  
MEDICATION USAGE. Medicasafe, Inc.
- 3784211** U-SHAPED ORAL THIN FILM. LTS Lohmann Therapie-Systeme AG
- 3784230** THE USE OF TERPENIC COUMARINE DERIVATIVE MOLECULES IN  
THE TREATMENT OF CANCER DISEASE. T.C. Istanbul Medipol  
Universitesi; T.C. Istanbul Üniversitesi
- 3784243** METHOTREXATE FOR USE AS A MEDICAMENT. GF Service S.r.l.
- 3784304** IMPLANTABLE DEVICE COMPRISING A TEXTILE COMPONENT  
COMPRISING MULTIFILAMENT THREADS AND/OR SPUN THREADS  
MADE OF FIBERS COMPLETELY OR PARTIALLY COATED WITH  
CYCLODEXTRIN POLYMER. Cousin Biotech
- 3784343** LIGHT THERAPY SYSTEM. Koninklijke Philips N.V.
- 3784373** METHOD AND OXIDATION REACTOR FOR TREATING A SPENT  
LIQUOR CONTAINING SULPHIDES. Linde GmbH
- 3784374** METHOD AND DEVICE FOR TREATING SPENT LYE. Linde GmbH
- 3784380** METHOD FOR TREATING A SPENT LYE OF LYE WASHER. Linde GmbH
- 3784394** AN IMPROVED POINT-OF-CARE DIAGNOSTIC ASSAY CARTRIDGE.  
Radisens Diagnostics Ltd.
- 3784408** MAGNETIC FILTER. Adey Holdings (2008) Limited
- 3784423** CROSS-ROLLING MILL WITH HYDRAULIC ROLLER ACTUATOR. SMS  
Group GmbH
- 3784427** HIGH-PERFORMANCE FACING HEAD. O.M.G. S.r.l.
- 3784439** PLIERS. Knipex-Werk C. Gustav Putsch KG
- 3784440** PLIERS. Knipex-Werk C. Gustav Putsch KG
- 3784444** MEASURING INSTRUMENT. Schaeffler Technologies AG & Co. KG
- 3784445** HAND-HELD MACHINE-TOOL AND ASSEMBLY FOR A HAND-HELD  
MACHINE-TOOL. Hilti Aktiengesellschaft
- 3784453** CUTTING HEAD. Payer International Technologies GmbH
- 3784465** NOZZLE SHAFT ASSEMBLY. LiquiForm Group LLC
- 3784466** SIDE-GATE INJECTION MOLDING APPARATUS AND SIDE-GATE  
NOZZLE ASSEMBLY. Mold-Masters (2007) Limited
- 3784467** PNEUMATIC IN-MOLD LID CLOSING APPARATUS. Nypromold Inc.
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- 3784469** STERILIZABLE BLOWING AIR PATHS AND STRETCH ROD OF A BLOW-MOULDING MACHINE. Kronos AG
- 3784472** METHOD FOR ADDITIVE MANUFACTURING. Local Motors IP, LLC
- 3784504** PNEUMATIC TYRE EQUIPPED WITH A TRANSPONDER. Bridgestone Europe NV/SA
- 3784506** MOTORCYCLE FRONT SUSPENSION. Piaggio & C. S.P.A.
- 3784517** A POWER TRANSFER SYSTEM FOR ELECTRIC VEHICLES AND A CONTROL METHOD THEREOF. ABB E-mobility B.V.
- 3784533** A WINDSCREEN WIPER ARM, PARTICULARLY FOR AUTOMOBILES. Federal-Mogul S.A.
- 3784536** PARKING LOCK UNIT AND DRIVE ARRANGEMENT HAVING A PARKING LOCK UNIT OF SAID TYPE. GKN Automotive Limited
- 3784553** METHODS AND SYSTEMS FOR MONITORING COUPLING OF FIFTH WHEELS TO KINGPINS. Fontaine Fifth Wheel Company
- 3784558** SYSTEM FOR DEPLOYING AND RECOVERING AN AUTONOMOUS UNDERWATER DEVICE, METHOD OF USE. EXAIL
- 3784563** OIL FIELD WELL DOWNHOLE DRONE. Saudi Arabian Oil Company
- 3784570** VARIABLE PITCH ROTOR ASSEMBLY FOR ELECTRICALLY DRIVEN VECTORED THRUST AIRCRAFT APPLICATIONS. Textron Systems Corporation
- 3784575** POUCH CONTAINMENT AND CARTON LOADING. R.A JONES & CO.
- 3784591** CHILD RESISTANT CLOSURE. Obrist Closures Switzerland GmbH
- 3784612** A FOLDING ROLLER AND MACHINE COMPRISING SAID ROLLER. Körber Tissue S.p.A.
- 3784619** METHODS AND APPARATUS FOR POST-MIX DRINK DISPENSING. Lancer Corporation
- 3784633** VESICLE DEDUSTING AGENTS FOR JOINT COMPOUNDS. UNITED STATES GYPSUM COMPANY
- 3784647** NOVEL DICARBOXYLIC ACID DIESTERS. DSM IP Assets B.V.
- 3784662** COMPOUNDS HAVING A TUBULIN-POLYMERISATION-INHIBITING ACTIVITY AND IMMUNOMODULATORY PROPERTIES. Université Paris-Saclay; Centre National de la Recherche Scientifique (CNRS); Institut Gustave-Roussy; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
- 3784674** TETRAHYDROPYRANOOXAZINE DERIVATIVES HAVING SELECTIVE BACE1 INHIBITORY ACTIVITY. Shionogi & Co., Ltd
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- 3784712** METHOD FOR DETERMINING A PRODUCT COMPOSITION FOR A CHEMICAL MIXTURE PRODUCT. Covestro Intellectual Property GmbH & Co. KG
- 3784714** CARDANOL BASED CURING AGENT FOR EPOXY RESINS COMPOSITIONS. Elantas Beck India Ltd.; Elantas GmbH
- 3784726** FILLED POLYVINYL CHLORIDE COMPOSITION. BYK-Chemie GmbH
- 3784727** POLYMERIC COMPOSITION CONTAINING A LIGHT STABILIZER. Dow Global Technologies LLC; Rohm and Haas Company
- 3784735** POLYESTER FILM COMPRISING A POLYMERIC PHOSPHONATE FLAME RETARDANT. Dupont Teijin Films U.S. Limited Partnership
- 3784749** LUMINESCENT DIAMOND MATERIAL AND METHOD OF PRODUCING THE SAME. Diamond Innovations, Inc.
- 3784750** LIQUID CRYSTAL MIXTURE AND LIQUID CRYSTAL DISPLAY. Merck Patent GmbH
- 3784753** POLYMERISABLE LIQUID CRYSTAL MATERIAL AND POLYMERISED LIQUID CRYSTAL FILM. Merck Patent GmbH
- 3784754** POLYMERISABLE LIQUID CRYSTAL MATERIAL AND POLYMERISED LIQUID CRYSTAL FILM. Merck Patent GmbH
- 3784755** LIQUID CRYSTAL MIXTURE AND LIQUID CRYSTAL DISPLAY. Merck Patent GmbH
- 3784766** DISPENSING APPARATUS COMPRISING A DISPENSER FOR DISPENSING A LIQUID CONTAINING AT LEAST ONE CELL AND/OR AT LEAST ONE PARTICLE. cytena GmbH
- 3784836** PLOW STEEL FOR A SNOW PLOW, AND METHODS FOR MANUFACTURING AND USING SUCH A PLOW STEEL. PARTREX AB
- 3784838** MONOPILE FOR A WINDTURBINE. Ørsted Wind Power A/S
- 3784841** A HYDRAULIC HYBRID SYSTEM FOR A WORK MACHINE AND A METHOD OF CONTROLLING THE HYDRAULIC HYBRID SYSTEM. Volvo Construction Equipment AB
- 3784872** RESETTABLE TOE VALVE. Downhole Products Limited
- 3784875** APPARATUS, SYSTEMS AND METHODS FOR OIL AND GAS OPERATIONS. Enpro Subsea Limited
- 3784897** PIPE DUCT FOR INTAKE AIR SYSTEM OF AN INTERNAL COMBUSTION ENGINE. Mahle International GmbH
- 3784909** OUTLET GUIDE DEVICE FOR AN AXIAL FAN. ebm-papst Mulfingen GmbH & Co. KG
- 3784915** ROLLING BEARING. NTN-SNR ROULEMENTS
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- 3784916** WHEEL SUPPORT FOR A VEHICLE, IN PARTICULAR FOR A MOTOR VEHICLE, ARRANGEMENT OF A WHEEL BEARING ON A WHEEL SUPPORT OF THIS TYPE, AND VEHICLE. Audi AG
- 3784917** ROLLING BEARING. NTN-SNR ROULEMENTS
- 3784920** FLOATING-CALIPER BRAKE. VE Vienna Engineering Forschungs- und Entwicklungs GmbH
- 3784928** TRANSMISSION WHEEL AND A METHOD FOR ITS MOUNTING. Andritz Oy
- 3784932** SEALING ARRANGEMENT, HYDRODYNAMIC MACHINE, AND VEHICLE. Scania CV AB
- 3784944** FLUID CONNECTION ADAPTER, FLUID CONNECTION ASSEMBLY AND METHOD FOR PRODUCING A FLUID CONNECTION ADAPTER. aft automotive GmbH
- 3784945** CONNECTOR. John Guest International Limited
- 3784957** APPARATUS TO THERMALLY DESTRUCT VOLATILE ORGANIC COMPOUNDS. Illinois Tool Works, Inc.
- 3784958** INJECTION SYSTEM FOR AN ANNULAR COMBUSTION CHAMBER OF A GAS TURBINE. Safran Aircraft Engines
- 3784972** HEATING DEVICE. KraussMaffei Technologies GmbH
- 3784978** SURFACE FINISH STYLUS. Renishaw PLC
- 3784986** SYSTEMS AND METHODS FOR TRAJECTORY PREDICTION TO ENABLE SEAMLESS ACCESS USING MOBILE DEVICES. Carrier Corporation
- 3785000** METHOD AND SYSTEM FOR PROCESSING A TEMPERATURE MEASUREMENT SIGNAL DELIVERED BY A SENSOR. SAFRAN AIRCRAFT ENGINES
- 3785005** DEVICE, IN PARTICULAR TESTING DEVICE, AND TEST STAND. Sew-Eurodrive GmbH & Co. KG
- 3785024** SENSING APPARATUS FOR DETERMINING THE ELECTRICAL CONDUCTIVITY OF A FLUID AND THE SOUND VELOCITY IN THE FLUID. Vitesco Technologies Germany GmbH
- 3785041** OBSERVED TIME DIFFERENCE OF ARRIVAL (OTDOA) POSITIONING IN LICENSED-ASSISTED ACCESS (LAA). QUALCOMM Incorporated
- 3785042** OPTIMIZED OBSERVED TIME DIFFERENCE OF ARRIVAL (OTDOA) POSITIONING IN LICENSED-ASSISTED ACCESS (LAA). QUALCOMM INCORPORATED
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- 3785055** REFLECTIVE TERMINATORS FOR OPTICAL NETWORKS. Corning Research & Development Corporation
- 3785061** LIGHT-GUIDE FOR GESTURE-DETECTING INTERFACE MODULE. Valeo Comfort and Driving Assistance
- 3785100** MECHANISM FOR PEN INTEROPERABILITY WITH PRESSURE SENSOR DESIGN. Microsoft Technology Licensing, LLC
- 3785104** PRECISE POSITIONING OF A MARKER ON A DISPLAY. Koninklijke Philips N.V.
- 3785126** UNIT TESTING FOR CHANGES TO VERSION CONTROL. Microsoft Technology Licensing, LLC
- 3785219** METHOD OF STITCHING A PLURALITY OF IRIDOCORNEAL ANGLE IMAGES. NIDEK CO. LTD.
- 3785230** POSTERIOR IMAGE SAMPLING USING STATISTICAL LEARNING MODEL. ELEKTA AB
- 3785259** BACKGROUND NOISE ESTIMATION USING GAP CONFIDENCE. DOLBY LABORATORIES LICENSING CORPORATION
- 3785287** RELAY. Phoenix Contact GmbH & Co. KG
- 3785290** LED SURFACE MODIFICATION WITH LASER. Facebook Technologies, LLC
- 3785311** MECHANISM FOR ELECTRICALLY CONTACTING A PRINTED CIRCUIT BOARD TO A BATTERY CELL COMPOSITE SYSTEM, AND DEVICE COMPRISING SUCH A MECHANISM, AND SUCH A BATTERY CELL COMPOSITE SYSTEM. Triathlon Batterien GmbH
- 3785316** ELECTROCHEMICAL CELL WITH HIGH CAPACITY AND LOW SELF-DISCHARGE. Esther : Energie Sciences Thermodynamiques
- 3785336** TOOL CHANGER, MACHINE TOOL, AND METHOD FOR CHANGING A TOOL. Schleuniger AG
- 3785345** POWER-ELECTRONIC DEVICE COMPRISING A TRANSFORMER UNIT AND METHOD. SMA Solar Technology AG
- 3785395** METHOD AND SYSTEM FOR KEY MANAGEMENT. LYDSEC DIGITAL TECHNOLOGY CO., LTD.; Lin, Maw-Tsong
- 3785415** APPARATUS AND METHOD FOR EVALUATING MULTIPLE ASPECTS OF THE SECURITY FOR VIRTUALIZED INFRASTRUCTURE IN A CLOUD ENVIRONMENT. Telefonaktiebolaget LM Ericsson (publ)
- 3785447** GENERIC STREAMING MEDIA DEVICE CONFIGURED AS SET TOP BOX. Apple Inc.
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- 3785452** APPARATUS AND METHOD FOR RENDERING AN AUDIO SIGNAL FOR A PLAYBACK TO A USER. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3785453** BLIND DETECTION OF BINAURALIZED STEREO CONTENT. Dolby Laboratories Licensing Corporation
- 3785463** METHOD FOR FEDERATING AT LEAST TWO COMMUNICATION NETWORKS FOR MOBILE TERMINALS AND NETWORK CAPABLE OF BEING FEDERATED. Airbus Defence and Space SAS
- 3785498** ELECTRICAL ASSEMBLY SUBSTRATES FOR DOWNHOLE USE. Baker Hughes Holdings LLC
- 3785504** PRESS HEAD FOR A PRESS MACHINE. TE Connectivity Corporation
- 3785577** IMPROVEMENTS TO COFFEE GRINDER. Breville Pty Limited
- 3785626** MAGNETIZING SYSTEM FOR NEEDLE ASSEMBLIES. Bard Access Systems, Inc.
- 3785630** BIOLOGICAL STATE MONITORING SYSTEM. Minebea Mitsumi Inc.
- 3785654** MULTIFUNCTIONAL HIGH-FREQUENCY ELECTRIC KNIFE. Sichuan Provincial People's Hospital; Micro-Tech (Nanjing) Co., Ltd.
- 3785682** COOLING APPARATUS AND COOLING METHOD. Recensmedical, Inc.
- 3785704** METHOD FOR PREPARING BIODEGRADABLE MICROSHERES USING STABILIZED SINGLE-PHASE MIXED SOLUTION. HLB Pharmaceutical Co., Ltd
- 3785711** UTILIZATION OF CILASTATIN IN INHIBITING RENAL DISORDER INDUCED BY IOVERSOL, IOMEPROL OR IODIXANOL. Niigata University; Denka Company Limited
- 3785751** THREE-POSITION PLUNGERS AND RELATED SYRINGE ASSEMBLIES. Si02 Medical Products, Inc.
- 3785842** LASER WELDING METHOD FOR REPAIR, AND LASER WELDING DEVICE FOR REPAIR. IHI CORPORATION
- 3785925** AQUEOUS COMPOSITION FOR INKJET RECORDING. Kao Corporation
- 3785941** STUD PIN AND STUD TIRE. The Yokohama Rubber Co., Ltd.
- 3785997** DECORATIVE SHEET. Toppan Printing Co., Ltd.
- 3786014** HYDRAULIC PRESSURE CONTROL UNIT FOR STRADDLE-TYPE VEHICLE BRAKE SYSTEM AND STRADDLE-TYPE VEHICLE BRAKE SYSTEM. Robert Bosch GmbH
- 3786015** HYDRAULIC PRESSURE CONTROL UNIT FOR SADDLE-TYPE VEHICLE BRAKE SYSTEM AND SADDLE-TYPE VEHICLE BRAKE SYSTEM. Robert Bosch GmbH
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- 3786036** ENDLESS TRACK TRAVELING DEVICE AND MOVING BODY FOR GENERATOR INSPECTION ROBOT EQUIPPED WITH SAME. Mitsubishi Electric Corporation
- 3786044** AIRBAG DEVICE FOR SADDLE-TYPE VEHICLES. HONDA MOTOR CO., LTD.
- 3786061** UNMANNED AERIAL VEHICLE, AERIAL VEHICLE CONTROL SYSTEM, AND TRANSPORT METHOD. Rakuten Group, Inc.
- 3786115** BARIUM CARBONATE PRODUCTION METHOD AND CORRESPONDING PRODUCT. Sakai Chemical Industry Co., Ltd.
- 3786122** ENAMEL COMPOSITION, MANUFACTURING METHOD THEREFOR, AND COOKING UTENSILS. LG Electronics Inc.
- 3786243** ANTI-FOULING COATING COMPOSITION, OPTICAL MEMBER, AND LIGHTING DEVICE. Panasonic Intellectual Property Management Co., Ltd.
- 3786326** FIBER STRUCTURE, FIBER-REINFORCED COMPOSITE MATERIAL, AND METHOD OF MANUFACTURING FIBER STRUCTURE. Kabushiki Kaisha Toyota Jidoshokki
- 3786376** ROAD GUTTER HAVING DUST COLLECTION FUNCTION. Shanghai Sangkang Enviroment Technology Co. Ltd
- 3786421** PLANT AND COMBUSTION EXHAUST GAS PROCESSING METHOD. Mitsubishi Heavy Industries Engineering, Ltd.
- 3786497** FLOW DISCOURAGER. General Electric Company
- 3786544** REFRIGERATION CYCLE DEVICE. Mitsubishi Electric Corporation
- 3786654** BATTERY PACK SOC CORRECTION METHOD, BATTERY MANAGEMENT SYSTEM, AND VEHICLE. Contemporary Amperex Technology Co., Limited
- 3786655** METHOD FOR CORRECTING SOH, APPARATUS, BATTERY MANAGEMENT SYSTEM AND STORAGE MEDIUM. Contemporary Amperex Technology Co., Limited
- 3786757** CAMERA STABILIZER POSITION CORRECTION METHOD AND DEVICE. SZ DJI Technology Co., Ltd.
- 3787146** METHOD, APPARATUS, DEVICE AND MEDIUM FOR EQUALIZATION CONTROL OF BATTERY PACKS. Contemporary Amperex Technology Co., Limited
- 3787147** MANAGEMENT DEVICE AND POWER SUPPLY SYSTEM. SANYO Electric Co., Ltd.
- 3787196** TRANSMISSION AND RECEPTION METHOD AND APPARATUS. Sun Patent Trust
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- 3787238** COMMUNICATION METHOD AND DEVICE. HUAWEI TECHNOLOGIES CO., LTD.
- 3787285** IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND PROGRAM. Sony Group Corporation
- 3787311** SOUND IMAGE REPRODUCTION DEVICE, SOUND IMAGE REPRODUCTION METHOD AND SOUND IMAGE REPRODUCTION PROGRAM. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3787324** HARQ FEEDBACK METHOD AND APPARATUS. Beijing Xiaomi Mobile Software Co., Ltd.
- 3787402** EMULSIFIABLE CONCENTRATES. Dow Global Technologies LLC
- 3787493** SYSTEM AND METHOD FOR ASSESSING QRS COMPONENTS AND LIKELIHOOD OF RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY. University Health Network
- 3787544** CONTAINER FOR DEPTH STOP FOR DENTAL DRILLS. Leone S.p.A.
- 3787548** ELECTRIC TOOTHBRUSH. Trevisani, Andrea
- 3787571** FLUID COLLECTION GARMENTS. Purewick Corporation
- 3787573** FLUID COLLECTION DEVICES AND METHODS OF USING THE SAME. Purewick Corporation
- 3787594** CROSS-LINKED COMPOSITION, PERSONAL CARE COMPOSITION INCLUDING THE SAME, AND METHODS OF FORMATION. Dow Silicones Corporation; Dow Global Technologies, LLC
- 3787619** SERPIN INHIBITORS FOR THE TREATMENT OF PRION AND PRION-LIKE DISEASES. Scuola Internazionale Superiore di Studi Avanzati - SISSA; Fondazione Istituto Italiano di Tecnologia; Forschungszentrum Jülich GmbH
- 3787718** MEASUREMENT PROBE FOR AN INJECTION DEVICE. SANOFI
- 3787744** RADIOTHERAPY TREATMENT PLAN MODELING USING GENERATIVE ADVERSARIAL NETWORKS. Elekta, Inc.
- 3787780** CARBON DIOXIDE SEPARATION MEMBRANE COMPRISING CARBONIC ANHYDRASE. SINTEF TTO AS
- 3787830** WELDING APPARATUS FOR BUTT WELDING STEEL CORD USING ELECTRODES WITH ONE OR MORE ELONGATED FLAT AREAS AND METHOD OF WELDING STEEL CORD ENDS TO ONE ANOTHER USING SUCH APPARATUS. NV Bekaert SA
- 3787837** FLUID JET PROCESSING. Zeeko Innovations Limited
- 3787840** HAND-HELD NAIL GUN AND DRIVE. Rhefor GbR
- 3787863** MOLDING ELEMENT COMPRISING DIVERGING AIR VENT. Compagnie Générale des Etablissements Michelin
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- 3787865** MOULDING ELEMENT WITH AIR DISCHARGE SLOT AND MICRO-MOULDING SECTOR. Compagnie Générale des Etablissements Michelin
- 3787868** COLD RUNNER BLOCK. Klöckner Desma Elastomertechnik GmbH
- 3787884** PRE-COMPRESSION SYSTEM FOR PRE-COMPRESSING A STRUCTURE. FSC Technologies, LLC
- 3787889** TOOL AND METHOD FOR REPAIRING PLANAR MATERIALS. Lack- und Waschcenter Seidl GmbH
- 3787897** POLYMER COATING COMPOSITION FOR METAL SUBSTRATE AND USE THEREOF. Tata Steel IJmuiden B.V.
- 3787899** DEVICE FOR ATTACHING A DOCTOR BLADE ON A DOCTOR BLADE CHAMBER AND DOCTOR BLADE CHAMBER THUS EQUIPPED. Bobst Lyon
- 3787933** BODYWORK PART WITH PAINTED INTERNAL RAISED AREAS. Compagnie Plastic Omnium
- 3787940** CABLE-PULL ACTUATION SYSTEM FOR A PARKING BRAKE, PARKING BRAKE AND METHOD FOR UNLOCKING A PARKING BRAKE THEREOF. BREMBO S.p.A.
- 3787945** EFFLUENT PROCESSING APPARATUS FOR A VEHICLE AIR BRAKE CHARGING SYSTEM. Bendix Commercial Vehicle Systems LLC
- 3787955** SUPPORT DEVICE, FOR AN ELECTRIC PRIME MOVER OF A VEHICLE AND CONTROLLABLE ACCORDING TO REQUIREMENTS. PSA Automobiles SA
- 3787956** VEHICLE STRUCTURE WITH REINFORCED SIDE RAIL. PSA Automobiles SA
- 3787990** SORTING METHOD AND DEVICE FOR SORTING PLATE-SHAPED OBJECTS, PREFERABLY GLASS PANEL CUT PIECES, METHOD AND DEVICE FOR PRODUCING GLASS PANEL CUT PIECES WITH A SORTING DEVICE OF THIS TYPE. HEGLA GmbH & Co. KG
- 3788105** POLYMER-MODIFIED CEMENTITIOUS COMPOSITION. Dow Global Technologies LLC
- 3788117** CROSSLINKED LIGANDS. Merck Patent GmbH
- 3788178** ALUMINIUM-COPPER-LITHIUM ALLOY HAVING IMPROVED COMPRESSIVE STRENGTH AND IMPROVED TOUGHNESS. Constellium Issoire
- 3788194** UPPER FOR AN ARTICLE OF FOOTWEAR WITH A LATTICE STRUCTURE. Nike Innovate C.V.
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- 3788232** ROTODYNAMICALLY ISOLATED MAGNETIC COUPLING. Upwing Energy, Inc.
- 3788256** A ROTOR FOR A WIND TURBINE WITH A PITCH BEARING UNIT. VESTAS WIND SYSTEMS A/S
- 3788272** FRICTION CLUTCH UNIT, HYBRID MODULE, AND DRIVE ARRANGEMENT FOR A MOTOR VEHICLE. Schaeffler Technologies AG & Co. KG
- 3788289** LOCKING MECHANISM FOR QUICK CONNECT COUPLING. Cejn AB
- 3788296** A LIGHTING DEVICE. Turn Lights S.r.L.
- 3788316** SYSTEMS AND METHOD FOR FIREARM AIM-STABILIZATION. Hydra Concepts
- 3788323** MEASURING SYSTEM AND METHOD FOR MEASURING A MEASUREMENT VARIABLE OF A FLOWING FLUID. Endress + Hauser Flowtec AG
- 3788324** CORIOLIS MEASURING SENSOR AND CORIOLIS MEASURING DEVICE. Endress + Hauser Flowtec AG
- 3788334** TERMINAL BLOCK. TE Connectivity Solutions GmbH
- 3788372** IMMUNOASSAY FOR AN AUTOMATED SYSTEM. Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.
- 3788410** PNEUMATIC ACTUATOR AND METHOD FOR OPERATING A PNEUMATIC GENERATOR. P-Wave AG; Rüegg, Hans
- 3788416** LIGHTING DEVICE WITH CONTROLLABLE LIGHT OUTPUT CHARACTERISTICS. Signify Holding B.V.
- 3788424** DIRECTABLE LIGHT BEAM HANDLING DEVICE FOR OPTICAL COMMUNICATION. Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO
- 3788449** METHOD FOR REDUCING A VOLUME OF DATA TO BE TRANSMITTED FROM A FIELD DEVICE. Endress+Hauser Process Solutions AG
- 3788451** CONTROLLING A VEHICLE USING A REMOTELY LOCATED LASER AND AN ON-BOARD CAMERA. King Abdullah University of Science and Technology; Saudi Arabian Oil Company
- 3788470** BLOCK FLOATING POINT COMPUTATIONS USING REDUCED BIT-WIDTH VECTORS. Microsoft Technology Licensing, LLC
- 3788501** DATA PARTITIONING IN A DISTRIBUTED STORAGE SYSTEM. Microsoft Technology Licensing, LLC
- 3788535** TECHNIQUES FOR PERFORMING SECURE OPERATIONS. Visa International Service Association
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- 3788594** IDENTIFYING THE CONTOUR OF A VEHICLE ON THE BASIS OF MEASUREMENT DATA FROM AN ENVIRONMENT SENSOR SYSTEM. Continental Automotive GmbH
- 3788613** APPARATUS FOR SIMULATING MOTION. Schneider, Daniel; Berghold-Markom, Christian
- 3788645** TRANSMISSION ELECTRON MICROSCOPE PROVIDED WITH AT LEAST ONE BALLISTIC MATERIAL JET SOURCE. Centre national de la recherche scientifique
- 3788662** METHOD FOR ASSEMBLING A BATTERY. Commissariat à l'Energie Atomique et aux Energies Alternatives
- 3788717** SELF-BIASING IDEAL DIODE CIRCUIT. Analog Devices International Unlimited Company
- 3788727** DYNAMIC BEAM-SWITCHING LATENCY FOR BEAM REFINEMENT PROCEDURES. QUALCOMM INCORPORATED
- 3788736** SEARCH SPACE SET OCCASION LEVEL MAPPING FOR PDCCH OVERBOOKING. QUALCOMM Incorporated
- 3788756** GATEWAY FOR DATA COMMUNICATION IN A VEHICLE. Continental Automotive Technologies GmbH
- 3788768** METHODS AND SYSTEMS FOR STREAMING MEDIA DATA OVER A CONTENT DELIVERY NETWORK. Dolby International AB
- 3788819** PROVISION GPSI PERTAINING TO PDU SESSION(S). TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
- 3788835** RESERVING LBT GAPS FOR FRAME BASED EQUIPMENT IN NEW RADIO SHARED SPECTRUM NETWORKS. QUALCOMM Incorporated
- 3789172** PLASTICATING SCREW HAVING GROOVES OF VARYING ANGLES AND DEPTHS. Davis-Standard, LLC
- 3789180** METHOD AND DEVICE FOR PRODUCING CONTAINERS FILLED WITH A LIQUID FILLING MATERIAL AND SEALED BY MEANS OF A SEALING CAP. KHS GmbH
- 3789413** STATISTICAL COPOLYMER LATEX AND USE THEREOF, AND PRODUCTION METHOD FOR STATISTICAL COPOLYMER LATEX. Denka Company Limited
- 3789493** CELLOOLIGOSACCHARIDE PRODUCTION METHOD. Dai-Ichi Kogyo Seiyaku Co., Ltd.; Tokyo Institute of Technology
- 3789737** OPEN/CLOSE DETECTION SENSOR. Cmiws Co., Ltd.
- 3789895** METHOD AND SYSTEM FOR ASSOCIATING A USER WITH A WEARABLE DEVICE. Visa International Service Association
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- 3790007** AUDIO CODING. Huawei Technologies Co., Ltd.
- 3790179** POWER CONVERSION MODULE, VEHICLE-MOUNTED CHARGER, AND ELECTRIC VEHICLE. Huawei Digital Power Technologies Co., Ltd.
- 3790191** AMPLIFIERS. Goodix Technology (HK) Company Limited
- 3790308** BUSINESS SERVICE QUALITY MONITORING METHOD, DEVICE AND SYSTEM. HUAWEI TECHNOLOGIES CO., LTD.
- 3790337** METHOD FOR TRANSMITTING REFERENCE SIGNAL, AND COMMUNICATION DEVICE. Huawei Technologies Co., Ltd.
- 3790422** PROTECTIVE HELMET HAVING A MECHANICAL SIZING ADJUSTMENT SYSTEM. ZHEJIANG VISTA SPORTS GOODS CO., LTD.
- 3790700** HANDLE FOR WELDING TORCH AND WELDING TORCH. Kemppi Oy
- 3790772** DEVICE FOR REMOTE WARNING ABOUT THE STATE OF WEAR OF AT LEAST ONE WIPER BLADE OF A WINDSCREEN-WIPING SYSTEM. Valeo Systèmes d'Essuyage
- 3790802** AIRCRAFT PROPULSION ASSEMBLY PROVIDED WITH A ROTARY TRANSFORMER FOR SUPPLYING THE BLADES WITH ELECTRICAL ENERGY. SAFRAN AIRCRAFT ENGINES; Safran Electrical & Power; Safran Transmission Systems
- 3790803** COMPOSITE PANEL COMPRISING A PERFORATED METALLIC FOIL FOR LIGHTNING STRIKE PROTECTION. Airbus (S.A.S.)
- 3790817** STACKABLE CONTAINER. Georg Utz Holding AG
- 3790844** METHODS FOR THE SYNTHESIS OF TUNABLE MESOPOROUS BEA ZEOLITES. Saudi Arabian Oil Company
- 3790941** CURABLE AND CURED COMPOSITIONS. 3M Innovative Properties Company
- 3791075** CLOSURE DEVICE FOR CONNECTING TWO ASSEMBLIES TO ONE ANOTHER. Fidlock GmbH
- 3791091** STANDARDIZED MODULAR DRIVE ASSEMBLY. Sew-Eurodrive GmbH & Co. KG
- 3791092** TORQUE DETERMINATION IN AUXILIARY CONSUMERS. ZF Friedrichshafen AG
- 3791093** MULTI-SPEED PLANETARY TRANSMISSION FOR A VEHICLE WITH AT LEAST ONE ELECTRIC MACHINE. Robert Bosch GmbH
- 3791112** BOILER COMPRISING A SUPPORT ASSEMBLY. Valmet Technologies Oy
- 3791118** COOLING APPLIANCE. Arçelik Anonim Sirketi
- 3791197** BUS SYNCHRONIZATION SYSTEM. Teradyne, Inc.
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- 3791390** VOICE IDENTIFICATION ENROLLMENT. Microsoft Technology Licensing, LLC
- 3791393** SPEAKER RECOGNITION/LOCATION USING NEURAL NETWORK. Microsoft Technology Licensing, LLC
- 3791432** REDUCING LOSSES IN SUPERCONDUCTING CABLES. Microsoft Technology Licensing, LLC
- 3791448** RECTANGULAR CONNECTOR FOR CONTACT CARRIER. Amphenol Tuchel Industrial GmbH
- 3791546** PROTECTING SIGNALING MESSAGES IN HOP-BY-HOP NETWORK COMMUNICATION LINK. Telecom Italia S.p.A.
- 3791918** METHOD FOR MANUFACTURING MICRO-NEEDLE ARRAY UNIT. FUJIFILM Corporation
- 3792618** TISSUE IDENTIFYING DEVICE, TISSUE IDENTIFYING SYSTEM, TISSUE IDENTIFYING METHOD, INSPECTING METHOD, ENDOSCOPE SYSTEM, TISSUE IDENTIFYING PROGRAM, AND RECORDING MEDIUM. Light Touch Technology Incorporated; National Institutes for Quantum Science and Technology
- 3792674** OPTICAL LENS SYSTEM. Jiangxi Lianchuang Electronic Co., Ltd.
- 3792804** SAFETY ASSESSMENT DEVICE, SAFETY ASSESSMENT METHOD, AND PROGRAM. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3792990** BATTERY PACK. Showa Denko Materials Co., Ltd.
- 3793016** BATTERY ELECTRODE SHEET AND PREPARATION METHOD THEREFOR, BATTERY MANAGEMENT METHOD AND RELATED APPARATUS. Huawei Digital Power Technologies Co., Ltd.
- 3793079** ROTARY MACHINE CONTROL DEVICE. Mitsubishi Electric Corporation
- 3793200** LOW DELAY PICTURE CODING. GE Video Compression, LLC
- 3793262** PROGRAM FOR CAUSING INFORMATION PROCESSING APPARATUS PERFORMING WIRELESS COMMUNICATION WITH COMMUNICATION APPARATUS TO EXECUTE COMMUNICATION METHOD, COMMUNICATION METHOD, AND COMMUNICATION SYSTEM INCLUDING COMMUNICATION APPARATUS AND INFORMATION PROCESSING APPARATUS. CANON KABUSHIKI KAISHA
- 3793344** STAKE WITH CORD LOCK. The North Face Apparel Corp.
- 3793426** DETERMINATION OF THE DEGREE OF REDUCTIVE DAMAGE OF HAIR WITH NIR SPECTROSCOPY. Henkel AG & Co. KGaA
- 3793461** ELECTRICAL STIMULATION IMPLANTS. DePuy Synthes Products, Inc.
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- 3793708** PRECLEANER ARRANGEMENT FOR USE IN AIR FILTRATION.  
Donaldson Company, Inc.
- 3793867** VEHICLE DOOR TRIM EQUIPPED WITH MEANS FOR SUPPORTING THE LOWER PART OF THE MAIN CARRIER PANEL. PSA Automobiles SA
- 3793939** A METHOD FOR THE MANUFACTURE OF REDUCED GRAPHENE OXIDE FROM KISH GRAPHITE. ArcelorMittal
- 3793940** A METHOD FOR THE MANUFACTURE OF PRISTINE GRAPHENE FROM KISH GRAPHITE. ArcelorMittal
- 3793942** A METHOD FOR THE MANUFACTURE OF GRAPHENE OXIDE FROM KISH GRAPHITE. ArcelorMittal
- 3793970** PROCESS FOR SYNTHESISING METHANOL. Johnson Matthey Davy Technologies Limited
- 3794074** COMPATIBILIZED POLYMER COMPOSITION COMPRISING A POLYAMIDE. Solvay Specialty Polymers USA, LLC.
- 3794246** BRAKE ASSEMBLY FOR AN ELECTRIC MOTOR. Sew-Eurodrive GmbH & Co. KG
- 3794285** COOKER APPLIANCE COMPRISING BAKING STONE. Arçelik Anonim Sirketi
- 3794302** BIPOD WITH SLING STUD MOUNT. Magpul Industries Corp.
- 3794316** APPARATUS AND METHOD FOR OUTPUTTING NAVIGATION INFORMATION AND VEHICLE. Bayerische Motoren Werke Aktiengesellschaft
- 3794400** OPTICAL STRUCTURE FOR AUGMENTED REALITY DISPLAY. Wave Optics Ltd
- 3794476** SYSTEM AND METHOD FOR THE MANAGEMENT OF MULTI-DOMAIN ACCESS CREDENTIALS OF A USER ABLE TO ACCESS A PLURALITY OF DOMAINS. GRIGGIO, Roberto; ALBAMONTE, Ambrogio Simone; MONOKEE SRL
- 3794685** ANGLED ELECTRICAL CONNECTOR. Phoenix Contact GmbH & Co. KG
- 3794800** PRIVILEGE INFERENCE AND MONITORING BASED ON NETWORK BEHAVIOR. ExtraHop Networks, Inc.
- 3794848** LOCATION OF A MOBILE DEVICE WITH WIRELESS ACCESS USING A USER PLANE LOCATION SOLUTION. QUALCOMM INCORPORATED
- 3794852** SECURE METHODS AND SYSTEMS FOR IDENTIFYING BLUETOOTH CONNECTED DEVICES WITH INSTALLED APPLICATION. Bose Corporation
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- 3794906** OPERATING A HOUSEHOLD MICROWAVE APPLIANCE. BSH Hausgeräte GmbH
- 3795058** IMAGE PROCESSING DEVICE, ENDOSCOPE SYSTEM, AND IMAGE PROCESSING METHOD. FUJIFILM Corporation
- 3795079** ORIENTATION INDEPENDENT SENSING, MAPPING, INTERFACE AND ANALYSIS SYSTEMS AND METHODS. St. Jude Medical, Cardiology Division, Inc.
- 3795494** SLIDE TYPE LID STRUCTURE. Nifco Inc.
- 3795512** BATCH-WEIGHING FEEDING DEVICE AND METHOD FOR OPERATING SAME. Yoshikawa Corporation
- 3795634** POLYACETAL RESIN COMPOSITION. Polyplastics Co., Ltd.
- 3795793** REFRIGERATOR. LG Electronics Inc.
- 3796015** STATE-OF-CHARGE CORRECTION METHOD AND DEVICE. Contemporary Ampere Technology Co., Limited
- 3796068** OPTICAL PULSE PAIR GENERATION DEVICE, LIGHT DETECTION DEVICE, AND LIGHT DETECTION METHOD. National University Corporation Tokyo University of Agriculture and Technology
- 3796079** OPTICAL MODULATOR AND BEAM STEERING SYSTEM INCLUDING THE SAME. Samsung Electronics Co., Ltd.
- 3796112** VIRTUAL VEHICLE CONTROL METHOD, MODEL TRAINING METHOD, CONTROL DEVICE AND STORAGE MEDIUM. Tencent Technology (Shenzhen) Company Limited
- 3796378** DEVICE FOR SELF-ASSEMBLING SEMICONDUCTOR LIGHT-EMITTING DIODES. LG Electronics Inc.
- 3796379** SUBSTRATE CHUCK FOR SELF-ASSEMBLING SEMICONDUCTOR LIGHT-EMITTING DIODES. LG Electronics Inc.
- 3796380** DEVICE FOR SELF-ASSEMBLING SEMICONDUCTOR LIGHT-EMITTING DIODES. LG Electronics Inc.
- 3796381** DEVICE AND METHOD FOR SELF-ASSEMBLING SEMICONDUCTOR LIGHT-EMITTING DIODES. LG Electronics Inc.
- 3796608** COMMUNICATION METHOD AND DEVICE. Huawei Technologies Co., Ltd.
- 3796695** ASSOCIATION VIA BROADCAST. Spotify AB
- 3796787** COOKING SYSTEM. Pastificio Rana S.p.A.
- 3797044** MULTI-CLUTCH DEVICE AND HYBRID MODULE FOR A MOTOR VEHICLE. Schaeffler Technologies AG & Co. KG
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- 3797061** MOTOR VEHICLE BODY EQUIPPED WITH A ROOF INCORPORATING A MEMBER FOR CORRECTING A DIFFERENCE OF SPAN OF THE ROOF AGAINST THE CROSS-MEMBERS. PSA Automobiles SA
- 3797269** DISTRIBUTED OPTICAL FIBRE VIBRATION SENSOR. Fotech Group Limited
- 3797356** CODE BASE SHARING BETWEEN STANDALONE AND WEB-BASED VERSIONS OF AN APPLICATION DUE TO THE IMPLEMENTING OF AN EMULATED NETWORK COMMUNICATION CHANNEL. Microsoft Technology Licensing, LLC
- 3797528** GENERATING SOUND ZONES USING VARIABLE SPAN FILTERS. Huawei Technologies Co. Ltd.
- 3797730** SURGERY INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM. Sony Group Corporation
- 3797780** COMPOSITIONS AND METHODS FOR MODULATION OF SMN2 SPLICING IN A SUBJECT. Biogen MA Inc.
- 3797930** POWER TOOL. Nanjing Chervon Industry Co., Ltd.
- 3798359** METHOD FOR PRODUCING PAPER. Kurita Water Industries Ltd.
- 3798365** SEABED STATIC PENETRATION DEVICE AND PENETRATION METHOD BASED ON MARINE OBSERVATION PROBE ROD. Ocean University of China
- 3798725** TWO-DEGREE-OF-FREEDOM AND THREE-DEGREE-OF-FREEDOM CONVERTIBLE SPHERICAL JOINT STRUCTURE. UNI-WAY RESOURCE CO., LTD.
- 3799043** MDCT-BASED COMPLEX PREDICTION STEREO DECODING. Dolby International AB
- 3799250** METHOD AND APPARATUS FOR DETERMINING THE CONDITION OF A BATTERY. Gbatteries Energy Canada Inc.
- 3799365** ANOMALY DETECTION DEVICE, ANOMALY DETECTION METHOD, AND PROGRAM. Panasonic Intellectual Property Corporation of America
- 3799932** SHAVING AID COMPOSITION. BIC Violex Single Member S.A.
- 3800443** DATABASE CONSTRUCTION METHOD, POSITIONING METHOD AND RELEVANT DEVICE THEREFOR. HUAWEI TECHNOLOGIES CO., LTD.
- 3800793** POWER GENERATION SYSTEM AND COMMUNICATION APPARATUS FOR POWER GENERATION SYSTEM. Huawei Digital Power Technologies Co., Ltd.
- 3801108** FOOTWEAR SOLE PLATE WITH NON-PARALLEL WAVES OF VARYING THICKNESS. NIKE Innovate C.V.
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- 3801926** AN ADHESIVE APPLICATION UNIT. Sayger Otomasyon Makine  
Muhendislik Hizmetleri Ithalat Ihracat Sanayi ve Ticaret Limited Sirketi
- 3801999** A POWER TOOL. Atlas Copco Industrial Technique AB
- 3802050** METHOD FOR SIMULTANEOUS CLOSED LOOP CONTROL OF GAS  
ASSIST AND GAS COUNTER PRESSURE IN AN INJECTION MOLDING  
PROCESS RELATIVE TO PLASTIC MELT PRESSURE AND PLASTIC  
MELT FRONT POSITION. iMFLUX Inc.
- 3802204** COMPUTER PROGRAM FOR THE ELECTRICAL CONFIGURATION OF  
VEHICLE SEAT, CONFIGURATION SYSTEM AND VEHICLE.  
VOLKSWAGEN AKTIENGESELLSCHAFT
- 3802241** WINDSCREEN WIPER DEVICE INCORPORATING A CONTROL FOR  
MANOEUVRING AN OPENING PANEL. Renault s.a.s
- 3802251** COMPRESSED AIR SYSTEM OF A VEHICLE. KNORR-BREMSE Systeme  
für Nutzfahrzeuge GmbH
- 3802303** PLANET-TYPE MULTI-STAGE TRANSMISSION FOR A BICYCLE OR  
PEDELEC. ZF Friedrichshafen AG
- 3802357** DEVICE FOR PACKAGING AT LEAST ONE FIRST AND ONE SECOND  
FLUID. Coradin SAS
- 3802393** HYDRAULIC ROTATOR APPARATUS. Indexator Rotator Systems AB
- 3802402** TAP COMPRISING A DISMOUNTABLE CANNULA. D-Innovation
- 3802426** PROCESS FOR METHANOL PRODUCTION. CASALE SA
- 3802910** VACUUM-COATING SYSTEM AND METHOD FOR COATING A BAND-  
TYPE MATERIAL. SMS Group GmbH
- 3803526** TRAINING METHOD FOR A DRIVER ASSISTANCE METHOD, DRIVER  
ASSISTANCE METHOD, CONTROL DEVICE, AND VEHICLE  
COMPRISING THE CONTROL DEVICE. Robert Bosch GmbH
- 3803916** SUPERCONDUCTING JOINTS. Siemens Healthcare Limited
- 3804048** DEVICE AND METHOD FOR PROCESSING AN END OF AN ELECTRICAL  
CABLE. Metzner Maschinenbau GmbH
- 3804275** HIGH-LEVEL SYNTAX DESIGNS FOR POINT CLOUD CODING. Huawei  
Technologies Co., Ltd.
- 3804623** RADIATION IMAGING APPARATUS, RADIATION IMAGING METHOD,  
AND PROGRAM. CANON KABUSHIKI KAISHA
- 3804911** BORING TOOL. Koki Holdings Co., Ltd.
- 3804978** OVERLAPPED COMPOSITE COMPONENT AND METHOD FOR  
MANUFACTURING OVERLAPPED COMPOSITE COMPONENT. Toyota  
Iron Works Co., Ltd.
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- 3805027** ELECTRIC VEHICLE. Daimler Truck AG
- 3805173** GLASS PANEL UNIT MANUFACTURING METHOD. Panasonic Intellectual Property Management Co., Ltd.
- 3805599** ENGINE BALANCE SYSTEM. Chongqing Zongshen General Power Machine Co., Ltd.
- 3805611** CELLULOSE-CONTAINING GEAR. Asahi Kasei Kabushiki Kaisha
- 3805850** BACKLIGHT MODULE AND DISPLAY DEVICE. Beijing BOE Technology Development Co., Ltd.; BOE Technology Group Co., Ltd.
- 3806046** METHOD AND SYSTEM FOR PERMITTING REMOTE CHECK-IN AND COORDINATING ACCESS CONTROL. Assa Abloy AB
- 3806092** TASK DELEGATION OF A DIGITAL ASSISTANT. Apple Inc.
- 3806451** SOLID-STATE IMAGING ELEMENT, IMAGING DEVICE, AND METHOD FOR CONTROLLING SOLID-STATE IMAGING ELEMENT. Sony Semiconductor Solutions Corporation
- 3806477** VIDEO TRANSCODING SYSTEM AND METHOD, APPARATUS, AND STORAGE MEDIUM. Tencent Technology (Shenzhen) Company Limited
- 3806533** COMMUNICATION DEVICE AND COMMUNICATION METHOD. Sony Group Corporation
- 3807917** FOUR WAYS CIRCUIT BREAKER. BTICINO S.P.A.
- 3808194** AN ELECTRICALLY HEATED SMOKING SYSTEM HAVING A LIQUID STORAGE PORTION. Philip Morris Products S.A.
- 3809299** ANALYSIS DEVICE, ANALYSIS METHOD, AND ANALYSIS PROGRAM. NIPPON TELEGRAPH AND TELEPHONE CORPORATION
- 3809487** PROTECTION PLATE, BATTERY CELL ASSEMBLY, BATTERY MODULE AND VEHICLE. Contemporary Amperex Technology Co., Limited
- 3809502** POSITIVE ELECTRODE CURRENT COLLECTOR, POSITIVE ELECTRODE PLATE, ELECTROCHEMICAL DEVICE, AND ELECTRICAL APPARATUS INCLUDING ELECTROCHEMICAL DEVICE. Contemporary Amperex Technology Co., Limited
- 3809600** HEATABLE PANEL AND ITS MANUFACTURING METHOD. AIMPLAS - Asociación de Investigación de Materiales Plásticos y Conexas
- 3809706** METHOD AND APPARATUS FOR TRANSMITTING SCENE IMAGE OF VIRTUAL SCENE, COMPUTER DEVICE AND COMPUTER READABLE STORAGE MEDIUM. Tencent Technology (Shenzhen) Company Limited
- 3810029** DENTAL TREATMENT APPLIANCE. DYSON TECHNOLOGY LIMITED
- 3810030** DENTAL TREATMENT APPLIANCE. DYSON TECHNOLOGY LIMITED
- 3810241** INTUBATION DEVICES. Epic Airway Systems, Inc.
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- 3811015** GRID-TYPE WORKPIECE CARRIER. ZELL Systemtechnik GmbH
- 3811583** SECURE SYSTEMS AND METHODS FOR RESOLVING AUDIO DEVICE IDENTITY USING REMOTE APPLICATION. Bose Corporation
- 3811897** THREE-DIMENSIONAL ORAL MODEL ANALYSIS METHOD AND PROSTHESIS DESIGN METHOD INCLUDING SAME. DDS Company
- 3812130** 3D PRINTER MATERIAL. Mitsubishi Chemical Corporation
- 3812256** MOBILE BODY. HONDA MOTOR CO., LTD.
- 3812308** COMMUNICATION METHOD, TRANSPORT SYSTEM, AND COMMUNICATION DEVICE. Murata Machinery, Ltd.
- 3812363** ORGANIC SALT, HYDROXY-RADICAL SENSOR INCLUDING SAME, AND DETECTION MEDIUM. Panasonic Holdings Corporation
- 3812476** POROUS BODY, CURRENT COLLECTOR INCLUDING SAME, AND FUEL CELL. Sumitomo Electric Industries, Ltd.
- 3812545** DECELERATED HINGE FOR FURNITURE. Arturo Salice S.p.A.
- 3812879** STACKED TAB VIEW. Apple Inc.
- 3813084** MAGNETIZING DEVICE AND MAGNETIZING METHOD. Beijing Xiaomi Mobile Software Co., Ltd.
- 3813192** ULTRA BROAD BAND DUAL POLARIZED RADIATING ELEMENT FOR A BASE STATION ANTENNA. Huawei Technologies Co., Ltd.
- 3813221** BATTERY CHARGING METHOD, BATTERY CHARGING APPARATUS AND STORAGE MEDIUM. Beijing Xiaomi Mobile Software Co., Ltd.
- 3813257** STEREO AUDIO DEVICE OF MOBILE TERMINAL. Beijing Xiaomi Mobile Software Co., Ltd.
- 3813274** DEVICE FOR SUPPORTING SUB-NETWORK CONNECTION PROTOCOL OVER PACKET NETWORK. ORCKIT IP, LLC
- 3813331** SYSTEMS AND METHODS FOR ELECTRONICALLY SHARING PRIVATE DOCUMENTS USING POINTERS. Trunomi Ltd.
- 3814080** MIXING PROCESS FOR PRODUCING AN ELASTOMERIC COMPOSITION. COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
- 3814240** APPARATUS AND METHOD FOR FEEDING AN OBJECT. Syntegon Technology GmbH
- 3815066** MULTIPURPOSE AIR MONITORING DEVICE. Carrier Corporation
- 3815388** METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR MULTIPLE TRANSACTION CAPABILITIES APPLICATION PART (TCAP) OPERATION CODE (OPCODE) SCREENING. Oracle International Corporation
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- 3816677** LENS WITH SURFACE MICROSTRUCTURES ENCAPSULATED BY A SELF-STRATIFIED COATING. ESSILOR INTERNATIONAL
- 3817098** NEGATIVE ELECTRODE FOR LITHIUM-ION BATTERY OF TERMINAL DEVICE. Beijing Xiaomi Mobile Software Co., Ltd.
- 3817214** POWER CONVERSION DEVICE. Mitsubishi Electric Corporation
- 3817436** METHOD FOR MONITORING PHYSICAL DOWNLINK CONTROL CHANNEL AND COMMUNICATION APPARATUS. HUAWEI TECHNOLOGIES CO., LTD.
- 3817499** RANDOM ACCESS METHOD AND RELATED DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3817597** METHOD FOR COUNTING THE NUMBER OF PUFFS AND AEROSOL GENERATING DEVICE USING THE SAME. KT&G Corporation
- 3817603** AEROSOL GENERATING DEVICE AND OPERATION METHOD THEREOF. KT&G Corporation
- 3817606** RECHARGING SYSTEM FOR AEROSOL GENERATING DEVICE. KT&G Corporation
- 3818770** CONTENTION-FREE CONCURRENT PHYSICAL RANDOM ACCESS CHANNEL TRANSMISSIONS. QUALCOMM Incorporated
- 3819414** NEEDLE SELECTION APPARATUS AND METHOD FOR LATCH NEEDLE WARP KNITTING MACHINE. Tiangong University
- 3819759** METHOD AND APPARATUS FOR INVOKING SYSTEM FILE, AND STORAGE MEDIUM. Beijing Xiaomi Mobile Software Co., Ltd.
- 3821677** LINK FAILURE RECOVERY IN C-DRX MODE. HUAWEI TECHNOLOGIES CO., LTD.
- 3821678** LINK FAILURE RECOVERY IN C-DRX MODE. HUAWEI TECHNOLOGIES CO., LTD.
- 3822041** STACKABLE SYSTEM CONTAINER. BS Systems GmbH & Co. KG
- 3822042** THREE-DEGREE-OF-FREEDOM FLEXIBLE HINGE MECHANISM-TYPE PIEZOELECTRIC MICRO-GRIPPER. Ningbo University
- 3822588** AN OPTICAL-PATH FOLDING-ELEMENT WITH AN EXTENDED TWO DEGREE OF FREEDOM ROTATION RANGE. Corephotonics Ltd.
- 3822622** X-RAY ANALYSIS SYSTEM, X-RAY ANALYSIS DEVICE, AND VAPOR PHASE DECOMPOSITION DEVICE. Rigaku Corporation
- 3822750** A TOUCH AND PRESSURE SENSING SYSTEM WITH DIFFERENT UPPER LAYERS. Sensobright Industries, LLC
- 3822751** A TOUCH AND PRESSURE SENSING SYSTEM WITH DIFFERENT UPPER LAYERS. Sensobright Industries, LLC
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- 3823291** TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD. Sony Group Corporation
- 3823316** ADVANCED PROCESSING BASED ON A COMPLEX-EXPONENTIAL-MODULATED FILTERBANK AND ADAPTIVE TIME SIGNALLING METHODS. Dolby International AB
- 3824017** POLYSILOXANE RESIN - POLYOLEFIN COPOLYMER AND METHODS FOR THE PREPARATION AND USE THEREOF. Dow Silicones Corporation
- 3824991** PROCESS FOR PREPARING LITHIUM SULPHATE. Nemaska Lithium Inc.
- 3825658** GAIN EQUALIZATION FOR MULTIPLE AXIS MAGNETIC FIELD SENSING. Allegro MicroSystems, LLC
- 3825668** TEMPERATURE SENSOR. Shibaura Electronics Co., Ltd.
- 3825843** DATA PROCESSING METHOD AND APPARATUS, AND RELATED PRODUCT. Cambricon (Xi'an) Semiconductor Co., Ltd.
- 3825847** DATA PROCESSING METHOD AND APPARATUS, AND RELATED PRODUCT. Cambricon Technologies Corporation Limited
- 3826002** ELECTRIC STRING INSTRUMENT. Hoshino Gakki Co., Ltd.
- 3826277** MOBILE TERMINAL. LG Electronics Inc.
- 3826331** INFORMATION PROCESSING METHOD AND APPARATUS, MOBILE DEVICE AND STORAGE MEDIUM. Beijing Xiaomi Mobile Software Co., Ltd.
- 3827685** SHOE, ESPECIALLY SPORTS SHOE. PUMA SE
- 3828011** TYRE TREAD. Sumitomo Rubber Industries, Ltd.
- 3828294** LEAD-FREE SOLDER ALLOY AND SOLDER JOINT PART. Nihon Superior Co., Ltd.
- 3828398** ELECTRICALLY-ASSISTED PRESSURE BOOSTING CONTROL METHOD AND SYSTEM FOR ENGINE. Guangxi Yuchai Machinery Co., Ltd.
- 3828433** FLAT SPRING OF A HOLD-DOWN ASSEMBLY FOR THE BRAKE PADS OF A DISC BRAKE. BPW Bergische Achsen KG
- 3828483** REFRIGERATOR HAVING AN ICE-MAKING DEVICE. LG Electronics Inc.
- 3828698** DATA PROCESSING METHOD AND APPARATUS, AND RELATED PRODUCT. Cambricon Technologies Corporation Limited
- 3829244** USER DEVICE AND METHOD THEREOF. Huawei Technologies Co., Ltd.
- 3829252** METHOD AND APPARATUS FOR RECEIVING MAC PDU IN MOBILE COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3832834** INFORMATION DISPLAY DEVICE, INFORMATION DISPLAY SYSTEM, INFORMATION DISPLAY METHOD AND PROGRAM. JVCKenwood Corporation
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- 3832990** MOBILE TERMINAL. LG Electronics Inc.
- 3834080** STATIC RECONCILIATION OF APPLICATION VIEW HIERARCHIES.  
Google LLC
- 3834920** DYNAMIC DETECTION SYSTEM AND METHOD FOR CONTACT ANGLE OF GAS PURIFICATION FILM. Jiangsu Jiulang High-Tech Co., Ltd.; Nanjing Tech University
- 3835024** RUBBER MATERIAL SUPPLYING METHOD AND RUBBER MATERIAL SUPPLYING DEVICE. Nakata Engineering Co., Ltd.
- 3836630** RADIO STATION, RADIO TERMINAL, AND METHOD FOR TERMINAL MEASUREMENT. NEC Corporation
- 3836897** COMPOSITIONS COMPRISING GUAIFENESIN AND ERIODICTYOL.  
Symrise AG
- 3836901** METHOD FOR ENCAPSULATING ACTIVE SUBSTANCES AGENTS IN LIPOSOMES. ABNOBA GmbH
- 3837472** ASSEMBLY HAVING TWO BURNERS. Truma Gerätetechnik GmbH & Co. KG
- 3837652** DISTRIBUTED BLOCKCHAIN DATA STORAGE UNDER ACCOUNT MODEL. Alipay (Hangzhou) Information Technology Co., Ltd.
- 3837657** MANAGING TRANSACTION REQUESTS IN LEDGER SYSTEMS. Alipay (Hangzhou) Information Technology Co., Ltd.
- 3840277** METHOD FOR TRANSMITTING DISCOVERY SIGNALS AND METHOD FOR RECEIVING DISCOVERY SIGNALS. Electronics and Telecommunications Research Institute
- 3840335** RECEPTION OF DIGITAL CONTENT IN TRICK MODE. ORANGE
- 3841020** SYSTEMS AND METHODS OF DETERMINING FLIGHT PHASE / MOTION STATUS OF AN AIRCRAFT. Safran Passenger Innovations, LLC
- 3841549** MANAGING TRANSACTION REQUESTS IN LEDGER SYSTEMS. Alipay (Hangzhou) Information Technology Co., Ltd.
- 3841653** IN-BAND COMMUNICATION DURING WIRELESS BATTERY CHARGING. Huawei Digital Power Technologies Co., Ltd.
- 3841661** WIRELESS BATTERY CHARGING WITH IMPROVED EFFICIENCY.  
Huawei Digital Power Technologies Co., Ltd.
- 3841942** RECEPTACLE, IN PARTICULAR STORAGE BOX. Husqvarna AB
- 3842642** DRY VACUUM PUMP APPARATUS. Ebara Corporation
- 3844526** LIDAR MEASURING SYSTEM WITH WAVELENGTH CONVERSION. Ibeo Automotive Systems GmbH
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- 3845429** VEHICLE CONTROL METHOD, APPARATUS, VEHICLE, COMPUTER PROGRAM AND STORAGE MEDIUM. Beijing Baidu Netcom Science and Technology Co., Ltd.
- 3845893** SYSTEM AND METHOD APPLICABLE FOR MEASURING THICKNESS OF ULTRATHIN FILM ON SUBSTRATE. Industrial Technology Research Institute
- 3846519** METHOD OR DEVICE FOR INTEGRITY PROTECTION. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3847131** METHOD FOR REFINING CRUDE SILICON MELTS USING A PARTICULATE MEDIATOR. Wacker Chemie AG
- 3848218** DISPLAY DEVICE FOR VEHICLE. LG Electronics Inc.
- 3849061** MOBILE POWER GENERATION DEVICE ON RAILWAY. CRRC Yangtze Co., Ltd.
- 3849094** COUPLING DEVICE, SURFACE WAVE COUPLING METHOD, AND WIRELESS COVERAGE SYSTEM EMPLOYING SURFACE WAVE OF OPEN WIRE. ZTE Corporation
- 3851153** MICRONEEDLE ARRAY ASSEMBLY AND DRUG DELIVERY DEVICE. Sorrento Therapeutics, Inc.
- 3851154** TRANSDERMAL DRUG DELIVERY APPARATUS. Sorrento Therapeutics, Inc.
- 3851322** PIPE DEPLOYMENT TRAILER. Trinity Bay Equipment Holdings, LLC
- 3851396** A CLOSURE ASSEMBLY. Scholle IPN IP B.V.
- 3851619** MAGNETIC LOCK WITH RESILIENT ABUTTING MEMBER FOR ELIMINATING REMANENCE. Soyol Technology Co., Ltd.
- 3851755** CONTROL METHOD FOR AIR CONDITIONER INDOOR UNIT. GD Midea Air-Conditioning Equipment Co., Ltd.
- 3852480** WIRELESS COMMUNICATION METHOD AND WIRELESS COMMUNICATION TERMINAL USING BASIC SERVICE SET IDENTIFICATION INFORMATION DETERMINATION OF RECEIVED FRAME. Wilus Institute of Standards and Technology Inc.; SK Telecom Co., Ltd.
- 3852983** PRESSURE SENSING ELECTRIC SHAVER. Koninklijke Philips N.V.
- 3853405** STAND STEAMER WITH PIVOTABLE BOARD. Koninklijke Philips N.V.
- 3854460** PORTABLE EXERCISE DEVICE. C2P (Taiwan) Ltd.
- 3855155** SEABED SEDIMENT MECHANICAL PROPERTIES MEASUREMENT SYSTEM SUITABLE FOR USE AT FULL SEA DEPTH. Ocean University of China
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- 3856272** BLOOD-SEPARATING DEVICE. Lmb Technologie GmbH
- 3856390** AIR PURIFIER. Zhejiang Shaoxing Supor Domestic Electrical Appliance Co., Ltd.
- 3860172** DATA PACKET TRANSMISSION METHOD AND DEVICE. HUAWEI TECHNOLOGIES CO., LTD.
- 3861061** FORCE OR PRESSURE SENSING COMPOSITE MATERIAL. HILSUM, Cyril
- 3862095** SUPPORT STRUCTURE FOR SIMULTANEOUSLY HOLDING OF A PLURALITY OF CONTAINERS FOR SUBSTANCES FOR MEDICAL, PHARMACEUTICAL OR COSMETIC APPLICATIONS AND TRANSPORT ASSEMBLY WITH SAME. SCHOTT Schweiz AG
- 3862591** AN ACTUATION MECHANISM. Meritor Heavy Vehicle Braking Systems (UK) Limited
- 3862604** PROPORTIONAL CONTROL VALVE SYSTEM AND METHOD. ADS Services, LLC
- 3863336** ENERGY EFFICIENCY CONTROL METHOD AND CONTROL APPARATUS, AND COMMUNICATION DEVICE. Huawei Digital Power Technologies Co., Ltd.
- 3865363** VEHICLE CONTROL METHOD AND APPARATUS, ELECTRONIC DEVICE AND STORAGE MEDIUM. BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.
- 3866188** SUBSTRATE CHUCK FOR SELF-ASSEMBLING SEMICONDUCTOR LIGHT EMITTING DIODES. LG Electronics Inc.
- 3866657** USE OF A SUCTION-CLEANING ATTACHMENT OF A CLEANING DEVICE FOR CLEANING THE INTERIOR OF MOTOR VEHICLES. Mr. Wash Autoservice AG
- 3866979** LEVER SYSTEM FOR FORCE TRANSMISSION. Loesche GmbH
- 3868154** UPLINK POWER SCALING FOR ADVANCED WIRELESS COMMUNICATION SYSTEMS. Samsung Electronics Co., Ltd.
- 3868274** NEW DISHWASHING MACHINE. Reckitt Benckiser Finish B.V.
- 3869003** SHIFTING TOOL RESETTABLE DOWNHOLE. Weatherford Technology Holdings, LLC
- 3869436** ADOPTING DATA ACROSS DIFFERENT SITES. eBay, Inc.
- 3878552** PROCESS FOR THE SELECTIVE OXIDATION OF AN ALDOSE. Archer-Daniels-Midland Company
- 3881655** METHOD FOR MANUFACTURING A BUSBAR AND SUCH A BUSBAR. Rogers BV
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- 3884176** ROLLER SEQUENCING FOR IMPROVED BEARING RUNOUT. The Timken Company
- 3885132** HARDFACED WEARPART. ESCO Group LLC
- 3885821** DISPLAY DEVICE WITH HEAT EXCHANGE MODULE AND HEAT EXCHANGE METHOD THEREOF. Keewin Display Co., Ltd.
- 3886198** BATTERY BOX. Contemporary Ampere Technology Co., Limited
- 3887452** RADAR FREQUENCY TRANSPARENT EFFECT PIGMENT MIXTURE, FORMULATIONS AND COATINGS THEREOF. ECKART GmbH
- 3888606** SMART ABSORBENT ARTICLES AND SYSTEMS. Ontex BV; Ontex Group NV
- 3888696** METHOD OF PLOTTING ULTRAVIOLET (UV) RADIATION FOR DISINFECTION. UVD Robots Aps
- 3888830** MOVEMENT UNIT AND RELATED METHOD FOR MOVING SEMI-FINISHED PRODUCTS. STROMAB S.P.A.
- 3889006** STEERING CONTROL DEVICE. JTEKT CORPORATION
- 3889025** ELECTRIC BICYCLE. Amprio GmbH
- 3889029** DEVICE FOR LIFTING AND PLACING ON A GROUND SURFACE OF AN ELONGATE OBJECT, AND CORRESPONDING METHOD. DEME Offshore BE N.V.
- 3889105** METHOD AND SYSTEM FOR PRODUCING A SYNTHESIS GAS PRODUCT CONTAINING HYDROGEN AND CARBON OXIDES. L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE
- 3889123** HOME COMPOSTER. Fiorente, Francesco Paolo
- 3889132** MONOACYLGLYCEROL LIPASE (MAGL) INHIBITORS. Università 'Ca' Foscari Venezia; Università di Pisa
- 3889208** METHOD OF MAKING A HIGH FILLED FIBER-MESH REINFORCED CERAMIC-THERMOPLASTIC POLYMER COMPOSITES WITH OUTSTANDING MECHANICAL PERFORMANCE. SHPP Global Technologies B.V.
- 3889237** PHOTOACTIVE MACROMOLECULES AND USES THEREOF. Beckman Coulter, Inc.
- 3889318** METHOD FOR FORMING A BLACK-PASSIVATION LAYER ON A ZINC-IRON ALLOY AND BLACK-PASSIVATION COMPOSITION. Atotech Deutschland GmbH & Co. KG
- 3889354** VIBRATING PLATE WITH HOOD OPTIMIZED FOR NOISE REDUCTION. BOMAG GmbH
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- 3889368** METHOD FOR INSTALLATION OF A GRID OF PROFILES OF A CEILING SYSTEM. Saint-Gobain Ecophon AB
- 3889435** METHOD FOR OPERATING A CENTRIFUGAL PUMP DRIVEN IN TURBINE MODE. WILO SE
- 3890315** PROJECTOR AND METHOD OF PROJECTING AN IMAGE. Trilite Technologies GmbH
- 3890380** METHOD, BASE STATION, TERMINAL AND COMMUNICATION SYSTEM FOR SELECTING A COMPONENT CARRIER. Sony Group Corporation
- 3890443** LIGHTING APPARATUS. Leedarson Lighting Co., Ltd.
- 3892084** MULTIPLE WINDROW AND METHOD FOR OPERATING A MULTIPLE WINDROW. Pöttinger Landtechnik GmbH
- 3892165** TIGHTENING AID FOR STOCKINGS AND METHOD OF ASSISTING WITH THE WEARING OF A STOCKING. FXF GmbH
- 3892268** USE OF VIDOFLUDIMUS FOR THE TREATMENT OF CORONAVIRUS INFECTIONS. Ecole Normale Supérieure de Lyon; INSERM (Institut National de la Santé et de la Recherche Médicale); UNIVERSITE CLAUDE BERNARD - LYON 1; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); Université d'Aix Marseille; Institut De Recherche Pour Le Développement (IRD)
- 3892313** APPARATUS FOR EXTRACORPOREAL BLOOD TREATMENT. Gambro Lundia AB
- 3892380** A CENTRIFUGAL SEPARATOR, AND A METHOD OF OPERATING A CENTRIFUGAL SEPARATOR. Alfa Laval Corporate AB
- 3892382** ROTOR NOZZLE. Suttner GmbH
- 3892383** ROTOR NOZZLE. Suttner GmbH
- 3892421** GRINDING PAD, GRINDING PAD CARRIER BODY AND GRINDING WHEEL. VK Investment GmbH
- 3892430** TOOL HOLDER WITH REVOLVER-LIKE CARRIER FOR PLANAR SHEET ENGRAVING EQUIPMENT. Brevetti Montolit S.P.A.
- 3892439** A MOLTEN PLASTIC DELIVERY SYSTEM WITH PUSH-PULL CABLE ACTUATION. Mold-Masters (2007) Limited
- 3892483** STORAGE GOOD CONTAINER AND VEHICLE. Schmitz Cargobull AG
- 3892499** WIRING STRUCTURE OF WIRE HARNESS AND WIRE HARNESS. Yazaki Corporation
- 3892500** WIRING STRUCTURE OF WIRE HARNESS AND WIRE HARNESS. Yazaki Corporation
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- 3892552** PACKING TOOL CAPABLE OF DISPLAYING TENSION. Yang Bey Industrial Co., Ltd.
- 3892577** ELEVATOR CONTROL CABINET AND METHOD FOR INSTALLATION OF AN ELECTRICAL APPARATUS INTO AN ELEVATOR CONTROL CABINET. KONE Corporation
- 3892705** IRIDIUM COMPLEX-CONTAINING COMPOSITION, ORGANIC LIGHT EMITTING DEVICE HAVING THE SAME, DISPLAY APPARATUS, IMAGING APPARATUS, ELECTRONIC EQUIPMENT, LIGHTING APPARATUS, AND MOVING BODY. CANON KABUSHIKI KAISHA
- 3892767** MANIPULATION DEVICE FOR WEBS OF MATERIAL TO BE SEWN BY A SEWING MACHINE. 3con Anlagenbau GmbH
- 3892801** FENCE PANEL FOR CONSTRUCTION SITES AND MANUFACTURING METHOD THEREOF. Piazza, Simonetta
- 3892805** LATCH MODULE. Uhlmann & Zacher GmbH
- 3892810** FIRE SAFETY DOOR. Hodapp GmbH & Co. KG
- 3892868** GAS FLOW GUIDING DEVICE FOR A VENTILATION APPARATUS FOR VENTILATION OF A LIVING ORGANISM. Löwenstein Medical Technology S.A.
- 3892872** A PROPULSION UNIT. ABB Oy
- 3892873** INNER AND OUTER SEAL ASSEMBLY; THRUST BEARING ASSEMBLY WITH SUCH SEALS FOR MAINTENANCE-FREE OPERATION. Roller Bearing Company of America, Inc.
- 3892936** METHOD FOR OPERATING A HEATING ASSEMBLY. Viessmann Climate Solutions SE
- 3892954** FASTENING DEVICE FOR WEAPON ACCESSORY. Glock Technology GmbH
- 3892962** ASSEMBLY FOR POSITION MEASUREMENT. Dr. Johannes Heidenhain GmbH
- 3892967** FORCE MEASURING DEVICE FOR DETECTING WEB TENSIONS OF A MOVING WEB. FMS Force Measuring Systems AG
- 3892976** METHOD FOR DETECTING AND LOCATING A FLUID LEAK. Sagemcom Energy & Telecom SAS
- 3893003** ATOMIC INTERFEROMETER WITH TWO-DIMENSIONAL DIFFRACTION NETWORK AND ATOMIC INTERFEROMETRY METHOD. Ixblue
- 3893063** DEVICE FOR CONTROLLING FUNCTIONS OF A WATCH. ETA SA Manufacture Horlogère Suisse
- 3893090** METHOD FOR EYE GAZE TRACKING. Irisbond Crowdbonding, S.L.
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- 3893281** DEVICE WITH ARRAY OF LIGHT-EMITTING AND/OR LIGHT-RECEIVING DIODES. Commissariat à l'énergie atomique et aux énergies alternatives
- 3893381** METHOD OF DYNAMICALLY CONTROLLING MINIMUM DUTY CYCLE AND RELATED HALF-BRIDGE BOOTSTRAP CIRCUIT. LSC Ecosystem Corporation
- 3893410** SCHEDULING PRIORITIZED TRAFFIC IN A SCRAMBLED CODED MULTIPLE ACCESS (SCMA) SYSTEM. Hughes Network Systems, LLC
- 3893466** METHOD AND SYSTEM FOR CONTROLLING CLOUD BASED SERVICES. Deutsche Telekom AG
- 3893470** METHOD FOR OPTIMISING UPDATE OF CONNECTED OBJECTS AND APPLICATION MODULE. Bull SAS
- 3893588** METHOD OF A USER EQUIPMENT, USER EQUIPMENT AND NON-TRANSITORY COMPUTER READABLE MEDIUM FOR RANDOM ACCESS PROCEDURE FOR SECONDARY CELL BEAM FAILURE RECOVERY IN A WIRELESS COMMUNICATION SYSTEM. ASUSTek Computer Inc.
- 3894132** AN ELECTROSPINDLE. SACCARDO GCF S.R.L.
- 3894133** AN ELECTROSPINDLE. SACCARDO GCF S.R.L.
- 3895574** BOOT SUITABLE FOR PRACTISING HORSE RIDING AND COMPRISING AN UPPER THAT IS DEFORMABLE IN WIDTH AND LENGTH. HORSE PILOT
- 3895580** MECHANISM FOR A CONTAINER FOR APPLYING A COSMETIC PRODUCT, CONTAINER COMPRISING SUCH A MECHANISM AND METHOD FOR OBTAINING SUCH A MECHANISM. ALBEA SERVICES
- 3895610** METHOD AND DEVICE FOR DETECTING MOVEMENT OF A SUBJECT IN A MAGNETIC RESONANCE IMAGING DEVICE. Siemens Healthcare GmbH
- 3895668** STENT AND METHOD FOR MANUFACTURING SAME. SEWOON MEDICAL CO., LTD.
- 3895821** DETECTION OF FAULTY COOLING UNITS CONFIGURED TO PROVIDE COOLANT TO ROLLING MILLS. ABB Schweiz AG
- 3895836** WELDING APPARATUS. Tecna S.p.A.
- 3895885** EQUIPMENT FOR COVERING CARDBOARD BOXES WITH COLD-STICKER SHEET PORTIONS. Europrogetti S.r.l.
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- 3895896** DRUM FOR A PRINTING DEVICE, PRINTING DEVICE AND METHOD FOR TEMPORARILY FIXING A SHEET SUBSTRATE TO A DRUM.  
Bundesdruckerei GmbH
- 3895897** PLATE CYLINDER WITH REUSABLE ADHESION SURFACE. tesa SE
- 3895903** VEHICLE AXLE FOR A WHEEL SUSPENSION. AUTOTECH ENGINEERING S.L.
- 3895910** TIRE WITH CUT PROTECTOR BELT STRUCTURE. The Goodyear Tire & Rubber Company
- 3895968** SEAT ASSEMBLY. Croozer GmbH
- 3895979** MARINE POWER SUPPLY SYSTEM. Yamaha Hatsudoki Kabushiki Kaisha
- 3896019** SHEET TRANSPORT SYSTEM. Canon Production Printing Holding B.V.
- 3896083** FC FUSION PROTEINS COMPRISING NOVEL LINKERS OR ARRANGEMENTS. Bristol-Myers Squibb Company
- 3896126** RESIN COMPOSITION AND MOLDED PRODUCT OBTAINED THEREFROM. Unitika Ltd.
- 3896132** UV CURABLE INKJET INK SETS AND INKJET PRINTING METHODS.  
AGFA NV
- 3896139** IR EMITTING PYROXENE PHOSPHORS AND LIGHT EMITTING DEVICE USING THE SAME. Lumileds LLC
- 3896206** NEEDLE MACHINE. Oskar Dilo Maschinenfabrik KG
- 3896252** METHOD AND ASSEMBLY FOR CONTROLLING THE POSITIONING OF AT LEAST ONE ROTOR DISC ABOUT A TIE-ROD OF A PARTIALLY ASSEMBLED ROTOR. ANSALDO ENERGIA S.p.A.
- 3896302** DRIVING MECHANISM USED IN A RAILWAY WELDING MACHINE THAT OPERATES ALONG A RAILWAY TRACK. Goldschmidt Holding GmbH
- 3896307** CLUTCH UNIT. VOLVO CAR CORPORATION
- 3896329** ANTI-FIRE SAFETY SYSTEM FOR A VEHICLE HAVING HYDROGEN STORED ON BOARD, AND RELATED VEHICLE. ALSTOM Transport Technologies
- 3896353** AIR-CONDITIONING APPARATUS. Mitsubishi Electric Corporation
- 3896354** AIR-CONDITIONING APPARATUS. Mitsubishi Electric Corporation
- 3896361** METHOD FOR INSTALLING A DEVICE FOR ATTACHING AN OVER-ROOF PHOTOVOLTAIC PANEL AND ATTACHMENT DEVICE FOR OVER-ROOF INSTALLATION OF A PANEL. Cetih Carquefou
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- 3896399** SENSOR DEVICE AND SENSOR ASSEMBLY FOR MEASURING THE ROTATIONAL POSITION OF AN ELEMENT. TE Connectivity Belgium BVBA; TE Connectivity Germany GmbH
- 3896409** FIBER EVENT DETECTION USING RELIABILITY METRICS. Nokia Technologies Oy
- 3896419** ASSESSMENT OF AN AMOUNT OF FLUID LOST IN A DISTRIBUTION NETWORK. Sagemcom Energy & Telecom SAS
- 3896457** AUTOMATIC VERIFICATION AND RECALIBRATION OF A PUMP DELIVERY VOLUME. Bruker BioSpin GmbH
- 3896523** METHOD AND DEVICE FOR GENERATING (QUASI-) PERIODIC INTERFERENCE PATTERNS. Imec VZW; Katholieke Universiteit Leuven
- 3896534** PARTLY TRANSPARENT TIMEPIECE HAND AND METHOD FOR MANUFACTURING SAME. Patek Philippe SA Genève
- 3896717** PLASMA PROCESSING DEVICE WITH UTILIZING A HIGH FREQUENCY ANTENNA. Tomoegawa Co., Ltd.; EMD Corporation
- 3896747** PHOTOVOLTAIC STRINGER AND METHOD FOR MANUFACTURING PHOTOVOLTAIC RIBBON. Zhejiang Jinko Solar Co., Ltd.; JINKO SOLAR CO., LTD
- 3896789** ANTENNA DEVICE. CALEARO ANTENNE S.P.A. CON SOCIO UNICO
- 3896796** CONNECTOR UNIT. Yazaki Corporation
- 3896797** CONNECTOR. Yazaki Corporation
- 3896843** METHOD FOR OPTIMIZING POWER PRODUCTION IN PHOTOVOLTAIC MODULES. Soltec Innovations S.L.
- 3896989** FLUID METER ARRANGED FOR DETECTING A LEAK AND SECURING AN INSTALLATION. Sagemcom Energy & Telecom SAS
- 3897011** METHOD FOR SETTING UP AND FOR APPLICATION OF EXPECTED COMMUNICATION BEHAVIOR AND IN COMMUNICATION SYSTEM. Deutsche Telekom AG
- 3897086** CABLE BUSHING. Stassinopoulos, Michael
- 3897169** ARRANGEMENT AND METHOD FOR AUTOMATICALLY REMOVING A STRIP CONSISTING OF DARK MEAT FROM A FISH FILLET. Nordischer Maschinenbau Rud. Baader GmbH + Co. KG
- 3900513** SYSTEM AND METHOD FOR MONITORING TILLED FLOOR CONDITIONS USING A TILLED FLOOR SENSING ASSEMBLY. CNH Industrial Belgium N.V.
- 3900526** FACILITY FOR FARM ANIMALS, SUCH AS PIGS, PREVENTING THE ANIMALS EATING AT THE SAME TIME. ASSERVA
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- 3900531** AGRICULTURAL MACHINE. Deere & Company
- 3900539** COOKING OVEN WITH DOOR HANDLE PROVIDED WITH A SYSTEM FOR SELF-LOCKING IN THE OPEN POSITION. Bonferraro S.p.A.
- 3900553** METHOD OF OPERATING AN AEROSOL-GENERATING DEVICE. JT International SA
- 3900569** LAST, METHOD FOR MANUFACTURING LAST. ASICS Corporation
- 3900576** ANGULAR METAL LOCKING DEVICE AND RESPECTIVE METAL PANEL FOR FURNITURE OR FURNITURE PARTS. RONDA S.P.A.
- 3900579** HEATED SEAT FOR VEHICLES, MEANS OF TRANSPORT AND AGRICULTURAL OR CONSTRUCTION MACHINERY. Technicka univerzita v Liberci
- 3900589** FASTENING DEVICE FOR TWO MUTUALLY PERPENDICULAR LAMINATED SAFETY GLASS PLATES. Glas-Marte Beteiligung GmbH
- 3900594** CLEANING UNIT FOR SUCTION HEAD. SEB S.A.
- 3900595** CLEANING UNIT FOR SUCTION HEAD. SEB S.A.
- 3900596** CLEANING UNIT FOR SUCTION HEAD. SEB S.A.
- 3900621** INDIVIDUAL MEDICAL MONITORING DEVICE SUCH AS A CONNECTED WATCH AND CORRESPONDING METHOD FOR INDIVIDUAL MEDICAL MONITORING OF A USER. Kerrouche, Samira; Bouyahia, Hayame
- 3900679** COMPACT PROSTHETIC HEART VALVE DEVICE. Medtronic, Inc.
- 3900680** DEVICE AND METHOD FOR PRODUCING SPACERS WITH VARIABLE HEAD. Heraeus Medical GmbH
- 3900689** LIFT AND METHOD FOR USE OF THE LIFT FOR POSITIONING A PATIENT RELATIVE TO A SURGICAL FRAME. Warsaw Orthopedic, Inc.
- 3900696** ENCAPSULATED FRAGRANCE COMPOSITION. Takasago International Corporation
- 3900697** FRAGRANCE COMPOSITION. Takasago International Corporation
- 3900792** TREATMENT REGIMEN WITH MINOXIDIL AND CAFFEINE. Dr. Kurt Wolff GmbH & Co. KG
- 3900842** A FLUID SUBSTANCE DISPENSING DEVICE. Coster Tecnologie Speciali S.p.A.
- 3900847** ULTRASONIC PROBE. Samsung Medison Co., Ltd.
- 3900884** A GRIPPING DEVICE FOR HANDLING ITEMS OR COMPONENTS OF DIFFERENT SHAPE AND SIZE. C.R.F. Società Consortile per Azioni
- 3900896** CUTTING UNIT WITH WAVE-SHAPED CUTTING EDGE. Wahl GmbH
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- 3900903** APPARATUS FOR THE EXECUTION OF SOUND ABSORBING PANELS WITH MICRO-HOLES. Vitap Costruzioni Meccaniche S.p.A.
- 3900904** METHOD FOR MANUFACTURING A PAVING ELEMENT. Excluton B.V.
- 3900934** DEVICE FOR GENERATING A PRINT ON A PRINTING MATERIAL AND METHOD FOR PRODUCING A PLURALITY OF CAVITIES ON A PRINTING FORM WITH A MAGNETIC RASTER. Flooring Technologies Ltd.
- 3900941** PRINTING DEVICE. Funai Electric Co., Ltd.
- 3900971** NATURAL GAS STORAGE AND DELIVERY SYSTEM FOR A REFRIGERATED CARGO VEHICLE. Carrier Corporation
- 3900980** VEHICLE LIGHT. odelo GmbH
- 3900991** METHOD FOR CONTROLLING A PNEUMATIC BRAKE SYSTEM OF A TRAILER VEHICLE. ZF CV Systems Global GmbH
- 3901003** STEERING COLUMN DEVICE. JTEKT CORPORATION
- 3901031** PEDAL SYSTEM FOR ROAD AND FLIGHT OPERATIONAL USE VEHICLE. Ningbo Geely Automobile Research & Development Co. Ltd.; Zhejiang Geely Holding Group Co., Ltd.
- 3901054** BAG FOR CONTAINING A PLURALITY OF PERSONAL CARE ARTICLES AND METHOD OF MAKING SAME. M. Neemann OHG
- 3901082** CAR DOOR ARRANGEMENT FOR AN ELEVATOR WITH A MECHANICAL CAR DOOR LOCK. Franz Xaver Meiller Fahrzeug- und Maschinenfabrik - GmbH & Co KG
- 3901083** HOIST, IN PARTICULAR CABLE OR CHAIN HOIST. Abus Kransysteme GmbH
- 3901125** PROCESSES FOR PREPARING 2-ISOPROPENYL-5-METHYL-4-HEXENOIC ACID, 2-ISOPROPENYL-5-METHYL-4-HEXEN-1-OL, AND A CARBOXYLATE ESTER THEREOF. Shin-Etsu Chemical Co., Ltd.
- 3901230** COATING AGENT COMPOSITION FOR FORMING HIGH-HARDNESS FILM. Shin-Etsu Chemical Co., Ltd.
- 3901281** SPATIALLY DISTINGUISHED, MULTIPLEX NUCLEIC ACID ANALYSIS OF BIOLOGICAL SPECIMENS. Spatial Transcriptomics AB; Illumina, Inc.
- 3901369** DECORATIVE PAPER LAYER AND METHOD FOR MANUFACTURING LAMINATES. Flooring Industries Limited, SARL
- 3901373** INTERCHANGEABLE UNIT FOR TEXTURING THE SURFACE OF A FLOOR AND ROAD CONSTRUCTION MACHINE WITH SUCH AN INTERCHANGEABLE UNIT. Wirtgen GmbH
- 3901376** METHOD FOR REPAIRING A MANHOLE. Esec Estonia OÜ
- 3901392** PANEL. Flooring Industries Limited, SARL
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- 3901453** PITCH DRIVE FOR A ROTOR BLADE OF A WIND TURBINE AND METHOD FOR OPERATING A PITCH DRIVE. Siemens Gamesa Renewable Energy Service GmbH
- 3901456** METHOD FOR LIFTING A WIND TURBINE COMPONENT, LIFTING TOOL AND WIND TURBINE COMPONENT. Siemens Gamesa Renewable Energy A/S
- 3901485** BRAKE DISC INSERT WITH BRIDGE MEMBER. Honeywell International Inc.
- 3901511** PUMP FOR THE LUBRICANT OF AN INTERNAL COMBUSTION ENGINE. FCA Italy S.p.A.
- 3901512** DECISION DEVICE FOR REMOVING PRESSURE FROM A GREASER. GRTgaz
- 3901516** STRADDLED VEHICLE. Yamaha Hatsudoki Kabushiki Kaisha
- 3901526** CEILING-MOUNTED AIR CONDITIONING UNIT FOR A HEAT PUMP COMPRISING A REFRIGERANT CIRCUIT WITH A REFRIGERANT LEAKAGE SENSOR. Daikin Industries, Ltd.; Daikin Europe N.V.
- 3901552** GASKET ARRANGEMENT, METHOD OF MANUFACTURING A GASKET ARRANGEMENT AND ASSEMBLY. Alfa Laval Corporate AB
- 3901563** METHOD AND DEVICE FOR DETERMINING A MEASURING STRATEGY FOR MEASURING A MEASUREMENT OBJECT AND PROGRAM. Carl Zeiss Industrielle Messtechnik GmbH
- 3901564** A METHOD FOR THICKNESS MEASUREMENTS OF A WORK ITEM IN A ROLLING MILL. ABB Schweiz AG
- 3901587** ULTRASONIC MEASUREMENT METHOD TAKING INTO ACCOUNT THE AMOUNT OF GAS BUBBLES. Sagemcom Energy & Telecom SAS
- 3901621** APPARATUS AND METHOD FOR DETERMINING LIQUID-SPECIFIC PARAMETERS AND / OR COMPONENTS. Safechem Europe GmbH
- 3901633** A LABORATORY SAMPLE VESSEL DISTRIBUTION SYSTEM, A METHOD FOR OPERATING, AND AN IN-VITRO DIAGNOSTIC SYSTEM. F. Hoffmann-La Roche AG
- 3901670** SCANNING MULTI-BEAM SENSOR, IN PARTICULAR LIGHT GRID AND METHOD FOR DETECTING OBJECTS. SICK AG
- 3901706** HEAT FIXING DEVICE, ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS, AND LAMINATED STRUCTURAL BODY. CANON KABUSHIKI KAISHA
- 3901709** CONTROL APPARATUS, CONTROL METHOD, AND CONTROL PROGRAM. YOKOGAWA ELECTRIC CORPORATION
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- 3901776** REMAP ADDRESS SPACE CONTROLLER. NXP USA, Inc.
- 3901804** A PROVISIONING CONTROL APPARATUS, SYSTEM AND METHOD.  
Secure Thingz Limited
- 3901807** CREATION OF A DOMAIN NAME SYSTEM CONTAINER IMAGE FOR  
CREATING A DOMAIN NAME SYSTEM CONTAINER INSTANCE.  
Siemens Aktiengesellschaft
- 3902022** PIEZO ACTUATOR AND PIEZO ACTUATOR ARRAY. Exel Industries S.A.
- 3902041** FUEL CELL SYSTEM. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3902042** FUEL CELL SYSTEM. TOYOTA JIDOSHA KABUSHIKI KAISHA
- 3902044** POWER SUPPLY SYSTEM AND ASSOCIATED CONTROL METHOD.  
Naval Group
- 3902058** WIRELESS ELECTRONIC DEVICE WITH ANTENNA STRUCTURES IN  
MULTIPLE LAYERS. Samsung Display Co., Ltd.; UNIST (Ulsan National  
Institute of Science and Technology)
- 3902067** ELECTRICAL CONNECTEUR. Yazaki Corporation
- 3902069** LEVER-TYPE CONNECTOR. Yazaki Corporation
- 3902070** FITTING CONNECTOR. Yazaki Corporation
- 3902071** MOLDING METHOD OF WATERPROOF MEMBER FOR A COATED  
ELECTRIC WIRE. Yazaki Corporation
- 3902085** A WIRELESS POWER TRANSFER PAD. Ningbo Geely Automobile Research  
& Development Co. Ltd.; Zhejiang Geely Holding Group Co., Ltd.
- 3902163** AN ISOLATION BARRIER COMMUNICATION SYSTEM IN A PACKAGE  
FOR ISOLATED GATE DRIVER COMMUNICATION. Infineon Technologies  
Austria AG
- 3902196** RESTORATION OF A DISTRIBUTED KEY FROM A BACKUP STORAGE.  
SEPIOR ApS
- 3902285** A PORTABLE DEVICE COMPRISING A DIRECTIONAL SYSTEM. Oticon  
A/S
- 3902303** METHOD FOR ENABLING ZERO TOUCH CONNECTIVITY (ZTC)  
ACCESS IN A COMMUNICATION SYSTEM. Deutsche Telekom AG
- 3902343** METHOD AND APPARATUS OF HANDLING TIME GAP FOR SIDELINK  
HYBRID AUTOMATIC REQUEST (HARQ) IN NETWORK SCHEDULING  
MODE IN A WIRELESS COMMUNICATION SYSTEM. ASUSTek Computer  
Inc.
- 3902381** ELECTRICAL ASSEMBLY MOUNTED ON A SUPPORT. Valeo eAutomotive  
France SAS
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- 3903598** STIRRER OF A MACHINE FOR MAKING AND DISPENSING LIQUID OR SEMI-LIQUID FOOD PRODUCTS AND MACHINE COMPRISING THE STIRRER. Ali Group S.r.l. - Carpigiani
- 3903617** PROTECTIVE HELMET WITH TELESCOPICALLY ADJUSTABLE HEAD WIDTH. Dräger Safety AG & Co. KGaA
- 3903623** BRACELET WITH CLASP. Sonnensee GmbH
- 3903654** FREE STANDING HAND CLEANER DISPENSER. OP-Hygiene IP GmbH
- 3903657** FLOOR SCRUBBER AND DRYER. Adiatek S.r.l.
- 3903683** MEDICAL OR DENTAL IMAGING SYSTEM WITH MOTION COMPENSATION. See Through S.r.l.
- 3903710** SENSORY PERCEPTION SURGICAL SYSTEM FOR ROBOT-ASSISTED LAPAROSCOPIC SURGERY. Rob Surgical Systems, SL
- 3903837** A FLOOR CLEANING AND DISINFECTING SYSTEM. Carnegie Robotics, LLC
- 3903863** METHOD AND DEVICE FOR DETECTING A LEAK IN A VENTILATION CIRCUIT. Drägerwerk AG & Co. KGaA
- 3903893** SYSTEM FOR FITTING A TABLE TENNIS NET TO A TABLE TENNIS TABLE. Cornilleau SAS
- 3903898** NOISE GENERATING DEVICE. Kustos, Robert
- 3903911** PROCESS FOR PRODUCING ETHANOL. B. Braun Surgical, S.A.; Universitat Politècnica de Catalunya
- 3903923** METHOD FOR COMPLETE DRAINING OF A CATALYTIC REACTOR BY MEANS OF AN ARTICULATED ARM PROVIDED WITH ROTARY SPIRAL PROTRUSIONS. Eurecat S.A.
- 3903973** METAL CUTTING TOOL WITH NOZZLE FOR PROVIDING COOLANT FLUID TO A CUTTING EDGE. Seco Tools AB
- 3903977** COMPACT MULTI-MATERIAL CUT-OFF TOOL. Techtronic Cordless GP
- 3903994** ANNULAR COMPONENT INSTALLATION SYSTEM AND METHOD. The Boeing Company
- 3904003** OIL FILTER WRENCH. Stanley Black & Decker MEA FZE
- 3904008** NAIL GUN. Nanjing Chervon Industry Co., Ltd.
- 3904013** SYSTEM FOR ASSISTING AN OPERATOR IN A WORK STATION. C.R.F. Società Consortile per Azioni
- 3904015** SYSTEM AND METHOD FOR SETTING UP A ROBOTIC ASSEMBLY OPERATION. ABB Schweiz AG
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- 3904027** ASSEMBLED BAMBOO SLEEPER AND PREPARATION METHOD THEREFOR. HUNAN TAOHUAJIANG BAMBOO SCIENCE & TECHNOLOGY CO., LTD.
- 3904045** DEVICE FOR REMOVING DUST FROM THE INSIDE OF A PREFORM.  
Sidel Participations
- 3904167** WASHING CABIN FOR TWO-WHEELED VEHICLES. Motos Four Angels, S.L.
- 3904177** CONDITION MONITORING OF A SANITARY CELL FOR A VEHICLE.  
Siemens Mobility GmbH
- 3904207** BUILT-IN MODULE FOR AN AIRCRAFT AND AIRCRAFT HAVING THE BUILT-IN MODULE. Diehl Aviation Laupheim GmbH
- 3904215** A LIFE RAFT SYSTEM FOR AN AIRCRAFT. AIRBUS HELICOPTERS DEUTSCHLAND GmbH
- 3904217** AIRCRAFT CAPABLE OF HOVERING. LEONARDO S.p.A.
- 3904249** PLANAR MOTOR WITH A GUIDING DEVICE FOR SHUTTLES OF A PLANAR MOTOR. B&R Industrial Automation GmbH
- 3904267** METHOD FOR MODERNIZING AN ELEVATOR SYSTEM. KONE Corporation
- 3904269** HOSE LIFTER. J. Schmalz GmbH
- 3904468** METHOD FOR PREPARING THERMOCHROMIC WATER-BASED GEL INK COMPOSITIONS, AND THERMOCHROMIC WATER-BASED GEL INK COMPOSITIONS THEREOF. Société BIC
- 3904599** DEVICE FOR THE LATERAL DISPLACEMENT OF A DRILLING/RAMMING TOOL POSITIONED ON A RAILWAY WAGON HAVING A LOADING AREA AND METHOD FOR MAKING FOUNDATION RECESSES WITH THE AID OF THE DEVICE. Eiffage Infra-Nordwest GmbH
- 3904630** METHOD FOR CONTROLLING THE OPERATION OF A CONCEALMENT OR SUN-PROTECTION FACILITY, AND CORRESPONDING FACILITY.  
Somfy Activites SA
- 3904632** METHOD AND DEVICE FOR LIFTING A DRILL STRING. Liebherr-Werk Nenzing GmbH
- 3904635** SHIFTING TOOL RESETTABLE DOWNHOLE. Weatherford Technology Holdings, LLC
- 3904654** STRADDLED VEHICLE. Yamaha Hatsudoki Kabushiki Kaisha
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- 3904671** CONDITION MONITORING DEVICE AND CONDITION MONITORING METHOD FOR WIND TURBINE POWER GENERATING APPARATUS. MITSUBISHI HEAVY INDUSTRIES, LTD.
- 3904686** PRESSURE PUMP. Schulte, Reinhold
- 3904687** GEAR PUMP. Maag Pump Systems AG
- 3904702** CLAMPING HOLDER. Menz Industriedienstleistungs-GmbH
- 3904743** VALVE ASSEMBLY CONFIGURED WITH MANIFOLD HAVING EUTECTIC PLUG. Hamilton Sundstrand Corporation
- 3904749** CONNECTOR ASSEMBLY IN AN AIRCRAFT AND METHOD OF CONTROLLING A FLOW OF FLUID. The Boeing Company
- 3904780** FLAT-TYPE WATER HEATER WITH TANKS CONNECTED IN PARALLEL. ARISTON S.P.A.
- 3904785** TEST CHAMBER AND METHOD FOR CONDITIONING OF AIR. Weiss Technik GmbH
- 3904806** METAL MELTING FURNACE COMPRISING A PLURALITY OF REFRACTORY MATERIAL LAYERS. Tounetsu Co., Ltd.
- 3904809** STRESS RELIEVING ADDITIVELY MANUFACTURED HEAT EXCHANGER FIN DESIGN. Hamilton Sundstrand Corporation
- 3904815** PROCESS FOR ENHANCED CLOSED-CIRCUIT COOLING SYSTEM. AIR PRODUCTS AND CHEMICALS, INC.
- 3904843** METHOD AND SYSTEM FOR MEASURING INTERFERENCE IN A CHECKWEIGHING DEVICE. Mettler-Toledo International Trading (Shanghai) Co., Ltd; Mettler Toledo (Changzhou) Precision Instrument Ltd.; Mettler Toledo (Changzhou) Measurement Technology Ltd.
- 3904867** METHOD AND DEVICE FOR DETERMINING THE BREAK AREA OF A SAMPLE. voestalpine Stahl GmbH
- 3904881** METHOD FOR ACQUIRING INFORMATION OF TARGET POLYPEPTIDE. National University Corporation Hokkaido University; SYSMEX CORPORATION
- 3904901** A RADAR SYSTEM FOR INTERFERENCE AVOIDANCE BASED ON VEHICLE HEADING. Veoneer Sweden AB
- 3904963** TIMEPIECE MOVEMENT COMPRISING AN AUXILIARY MECHANISM DRIVEN BY AN AUXILIARY POWER SOURCE. Patek Philippe SA Genève
- 3904966** DEVICE FOR INDICATING THE POWER OF A THERMOELECTRIC GENERATOR OF A WATCH. The Swatch Group Research and Development Ltd
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- 3904967** DEVICE FOR CONTROLLING A TIMEPIECE MOVEMENT. Patek Philippe SA Genève
- 3904984** METHOD FOR AN IMMERSIVE HUMAN MACHINE INTERACTION. Siemens Aktiengesellschaft
- 3904987** CONTROL SUPPORT APPARATUS, CONTROL SUPPORT METHOD, CONTROL SUPPORT PROGRAM, COMPUTER READABLE MEDIUM WITH CONTROL SUPPORT PROGRAM RECORDED THEREON AND CONTROL SYSTEM. YOKOGAWA ELECTRIC CORPORATION
- 3905087** METHOD AND SYSTEM FOR SELECTIVE AND PRIVACY-PRESERVING ANONYMIZATION. Brighter AI Technologies GmbH
- 3905094** SYSTEM AND METHOD FOR DISTRIBUTING QUANTUM-SAFE KEYS OVER LONGER DISTANCES. Deutsche Telekom AG
- 3905281** COMMUNICATION CABLE AND WIRE HARNESS. Yazaki Corporation
- 3905288** HORIZONTALLY MOUNTED CAPACITOR MODULE. Samsung Electronics Co., Ltd.
- 3905326** LIGHT-EMITTING DEVICE. Nichia Corporation
- 3905361** ORGANIC ELECTROLUMINESCENCE DEVICE AND COMPOUND FOR ORGANIC ELECTROLUMINESCENCE DEVICE. Samsung Display Co., Ltd.; Kyushu University, National University Corporation
- 3905429** INTEGRATION MODULE SYSTEM OF MILLIMETER-WAVE AND NON-MILLIMETER-WAVE ANTENNAS AND AN ELECTRONIC APPARATUS. Etheta Communication Technology (Shenzhen) Co., Ltd; East China Research Institute of Microelectronics
- 3905449** PACKING MOUNTING STRUCTURE. Yazaki Corporation
- 3905453** CONNECTOR WITH CAP. Yazaki Corporation
- 3905454** ELECTRICAL CONNECTOR. Yazaki Corporation
- 3905463** EXTENDABLE TENSIONING DEVICE, IN PARTICULAR FOR PROTECTING OVERHEAD POWER LINES. Tenesa S.r.l.
- 3905470** FILTER DEVICE. Fronius International GmbH
- 3905627** WIRELESS COMMUNICATION METHOD AND APPARATUS. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3905642** COMMUNICATING PARAMETERS BASED ON A CHANGE. Caterpillar Inc.
- 3905659** STATISTICS-BASED ELECTRONICS IMAGE STABILIZATION. Axis AB
- 3905708** METHOD AND SERVER FOR AUDIO AND/OR VIDEO CONTENT DELIVERY. Broadpeak
- 3905868** AUXILIARY EQUIPMENT FOR AN ELECTRONIC APPARATUS. ADVA Optical Networking SE
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- 3906778** SYSTEM AND METHOD FOR MOUNTING SHUT-OFF VALVES OR ADAPTERS IN AN IRRIGATION SYSTEM. Teco S.R.L.
- 3906795** FACIAL BARRIER ASSEMBLY. Tri-State Media, LLC
- 3907094** FUEL TANK FOR A COMMERCIAL VEHICLE. Deere & Company
- 3907192** METHOD FOR PRESERVING A WATER TREATMENT PLANT WITH SURFACE WETTING OF A WATER TREATMENT STRUCTURE. Judo Wasseraufbereitung GmbH
- 3907217** IMPROVED METHOD FOR THE PREPARATION OF TRIACETONAMINE. Evonik Operations GmbH
- 3907255** RUBBER COMPOSITION FOR TIRE TREAD, TIRE TREAD AND TIRE. Sumitomo Rubber Industries, Ltd.
- 3907411** PIN. A. Raymond et Cie
- 3907465** ELECTRONIC APPARATUS CONTROL METHOD PERFORMED THROUGH LID ANGLE CALCULATION, ELECTRONIC APPARATUS THEREOF AND SOFTWARE PRODUCT. STMicroelectronics S.r.l.
- 3907539** INTEGRATED ENVIRONMENTALLY INSENSITIVE MODULATOR FOR INTERFEROMETRIC GYROSCOPES. Honeywell International Inc.
- 3907780** TERMINAL PROTECTION DEVICE AND BATTERY MODULE. Contemporary Amperex Technology Co., Limited
- 3907833** CONNECTOR ASSEMBLY. Japan Aviation Electronics Industry, Limited
- 3907885** LOW VOLTAGE CLOCK SWING TOLERANT SEQUENTIAL CIRCUITS FOR DYNAMIC POWER SAVINGS. Apple Inc.
- 3907888** A CIRCUIT TO TRANSFER A SIGNAL BETWEEN DIFFERENT VOLTAGE DOMAINS AND CORRESPONDING METHOD TO TRANSFER A SIGNAL. STMicroelectronics S.r.l.
- 3907895** METHOD FOR RECEIVING A MODULATED SIGNAL AND RECEIVER THEREFOR. Commissariat à l'Energie Atomique et aux Energies Alternatives
- 3907936** ELECTRONIC CONTROL UNIT, FRAME GENERATING METHOD, AND PROGRAM. Panasonic Intellectual Property Corporation of America
- 3908010** BINAURAL HEARING AID SYSTEM PROVIDING A BEAMFORMING SIGNAL OUTPUT AND COMPRISING AN ASYMMETRIC VALVE STATE. GN Hearing A/S
- 3908094** DEVICE FOR COOLING ELECTRICAL ELEMENTS AND ELECTRIC ELEMENT EQUIPPED WITH SUCH A DEVICE. TenneT TSO GmbH
- 3908953** SYSTEMS AND METHODS FOR ENCRYPTION OF CONTENT REQUEST DATA. Google LLC
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- 3908954** SYSTEMS AND METHODS FOR SECURE AND PRIVACY PRESERVING DEVICE CLASSIFICATION. Google LLC
- 3909430** DEVICE FOR DIVIDING SAUSAGES INTO PORTIONS. Concept Epices Sarl
- 3909482** PREPARATION DEVICE FOR PREPARING MEALS. Miele & Cie. KG
- 3909632** VENTILATOR FOR VENTILATING A LIVING ORGANISM. Löwenstein Medical Technology S.A.
- 3909652** AIRCRAFT INCLUDING A PROPULSION ASSEMBLY AND A FIRE PROTECTION SYSTEM FOR THE PROPULSION ASSEMBLY. AIRBUS OPERATIONS (S.A.S.)
- 3909678** DIGITAL DISPENSE DEVICE AND ASSOCIATED METHOD. Funai Electric Co., Ltd.
- 3909725** SUCTION-CUP PICK-UP ASSEMBLY. BIESSE S.p.A.
- 3909790** MOTORCYCLE TIRE. SUMITOMO RUBBER INDUSTRIES, LTD.
- 3909827** DOOR LEAF FOR RAILROAD VEHICLE, FASTENING STRUCTURE, AND METHOD OF MANUFACTURING DOOR LEAF FOR RAILROAD VEHICLE. Nabtesco Corporation
- 3909843** ASSEMBLY FOR STIFFENING AN AIRCRAFT FUSELAGE, COMPRISING LONGITUDINAL STIFFENERS MADE UP OF PORTIONS JOINED TOGETHER. AIRBUS OPERATIONS (S.A.S.); Airbus (S.A.S.)
- 3909903** ANCHORAGE POINT. J.D. Theile GmbH & Co. KG
- 3909909** INDUSTRIAL TRUCK AND METHOD FOR MONITORING THE EFFICIENT PARKING OF AN INDUSTRIAL TRUCK. Linde Material Handling GmbH
- 3909914** PROCESS AND PLANT FOR THE PRODUCTION OF COPPER OXYCHLORIDE. Agiltek S.r.l.
- 3910023** RESIN COMPOSITION, SHEATH CABLE, AND WIRE HARNESS. Yazaki Corporation
- 3910198** CANNED MOTOR DEVICE. Zi Yi Electrical Engineering Co., Ltd.
- 3910231** SAFETY SYSTEM. SICK AG
- 3910266** EXPANSION VALVE ASSEMBLY FOR A REFRIGERATION OR AIR CONDITIONING CIRCUIT. Pierburg GmbH
- 3910270** METHOD FOR MANUFACTURING A VACUUM INSULATED STRUCTURE. Whirlpool Corporation
- 3910355** METHOD FOR DETECTING AND / OR LOCATING GROUND FAULTS. A. Eberle GmbH & Co. KG
- 3910458** VEHICLE INFOTAINMENT APPARATUS USING WIDGET AND OPERATION METHOD THEREOF. Thinkware Corporation
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- 3910576** METHODS, APPARATUSES, DEVICES, AND SYSTEMS FOR ASSET TRANSFER. Alipay (Hangzhou) Information Technology Co., Ltd.
- 3910641** METHODS, SYSTEMS AND PROCESSES OF IDENTIFYING GENETIC VARIATION IN HIGHLY SIMILAR GENES. Invitae Corporation
- 3910733** DISPLAY DEVICE. LG Electronics Inc.
- 3910788** DYNAMIC NOISE SHAPING FILTERS AND CORRESPONDING METHODS. Honeywell International Inc.
- 3912427** PEER-TO-PEER CITIZENS BROADBAND RADIO SERVICE GRANT. Google LLC
- 3912443** SOIL-DRIVEN ROTARY HOE FOR TILLAGE OF PLANT SPACINGS. Vadkert-Agrotechnika Kft.
- 3912516** BABY CARRIER. Artsana S.p.A.
- 3912832** RUBBER COMPOSITION AND TIRE. Sumitomo Rubber Industries, Ltd.
- 3912925** STRIP FOR WRAPPING A FILM ROLL. QuickPack Haushalt + Hygiene GmbH
- 3913187** SCREW SPINDLE PUMP. LEISTRITZ PUMPEN GMBH
- 3913227** MULTIPHASE PUMP. Sulzer Management AG
- 3913298** PTC HEATER. Bestway Inflatables & Material Corp.
- 3913430** A SUPERCONTINUUM RADIATION SOURCE AND ASSOCIATED METROLOGY DEVICES. ASML Netherlands B.V.
- 3913673** METHOD AND CIRCUIT TO OPERATE A HIGH-SPEED LIGHT SENSING APPARATUS. Artilux Inc.
- 3913750** CONNECTOR. Yazaki Corporation
- 3913772** ROTOR, ELECTRIC MOTOR AND ELECTRIC VEHICLE. Huawei Digital Power Technologies Co., Ltd.
- 3913901** ELECTRONIC DEVICE INCLUDING HINGE STRUCTURE. Samsung Electronics Co., Ltd.
- 3914872** HEAT EXCHANGER MODULE, HEAT EXCHANGER SYSTEM AND METHOD FOR PRODUCING THE HEAT EXCHANGER SYSTEM. Uurig Energie GmbH
- 3915733** SUPPORT FOR TOOLS AND SUPPORT SYSTEM FOR TOOLS. Fami S.R.L.
- 3915809** TIRE FOR MOTORCYCLE FOR RUNNING ON ROUGH TERRAIN. Sumitomo Rubber Industries, Ltd.
- 3915832** TRANSPORT MEANS. MAGNA STEYR Fahrzeugtechnik AG & Co KG
- 3915871** AIRCRAFT WITH MULTI SPAR BOX CONNECTION TO FUSELAGE, AND METHOD OF ATTACHING A VERTICAL STABILIZER. The Boeing Company
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- 3916147** LAUNDRY TREATMENT MACHINE CONFIGURED TO FEED PROCESS LIQUID DIRECTLY INTO THE INTERIOR OF A DRUM AND METHOD FOR ITS OPERATION. BSH Hausgeräte GmbH
- 3916186** MOTOR UNIT FOR SUNROOF. Keyang Electric Machinery Co., Ltd.
- 3916261** BRAKE DEVICE AND GAP ADJUSTING MECHANISM FOR BRAKE DEVICE. Nabtesco Corporation
- 3916262** BRAKE DEVICE. Nabtesco Corporation
- 3916724** COMPENSATING FOR HARDWARE DISPARITIES WHEN DETERMINING WHETHER TO OFFLOAD ASSISTANT-RELATED PROCESSING TASKS FROM CERTAIN CLIENT DEVICES. Google LLC
- 3917122** ELECTRONIC DEVICE INCLUDING HINGE STRUCTURE. Samsung Electronics Co., Ltd.
- 3917728** MODULAR GRIPPING FINGER, GRIPPING DEVICE AND KIT. Schunk GmbH & Co. KG Spann- und Greiftechnik
- 3917860** CAPSULE. Aroma System SRL
- 3919138** MASK APPARATUS. LG Electronics Inc.
- 3919356** ROTATION ANGLE DETECTION DEVICE, ELECTRIC POWER STEERING DEVICE, AND CONTROL METHOD FOR ELECTRIC POWER STEERING DEVICE. NSK Ltd.
- 3919871** ROTATIONAL ANGLE DETECTING DEVICE, ELECTRIC POWER STEERING DEVICE, AND CONTROL METHOD OF ELECTRIC POWER STEERING DEVICE. NSK Ltd.
- 3919887** SAMPLE DILUTION METHOD AND IMMUNOASSAY METHOD. Shenzhen Increate Biotech Co., Ltd
- 3920262** BATTERY BOX, BATTERY PACK, AND VEHICLE. Contemporary Amperex Technology Co., Limited
- 3920454** TRANSMISSION DIRECTION CONFIGURATION METHOD, DEVICE, AND SYSTEM. Huawei Technologies Co., Ltd.
- 3921213** METHOD FOR OUTPUTTING RECOMMENDATIONS FOR THE ENERGY-EFFICIENT OPERATION OF A VEHICLE BY MEANS OF AN ASSISTANCE SYSTEM COMPRISED BY THE VEHICLE. Mercedes-Benz Group AG
- 3921629** THZ MEASURING METHOD AND THZ MEASURING DEVICE FOR DETECTING A MATERIAL FLOW. CiTEX Holding GmbH
- 3921919** MAGNETIC SHEET STACK, METHOD FOR PRODUCING SAME AND ELECTRICAL MACHINE. Siemens Aktiengesellschaft
- 3922128** PORTABLE HEATING SYSTEM. Schawbel Technologies LLC
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- 3922184** SHIELDING DEVICE. Our United Corporation
- 3922406** MACHINING APPARATUS. Sugino Machine Limited
- 3922495** AGRICULTURAL WORK VEHICLE. CLAAS Tractor S.A.S.
- 3922894** GUIDING END TIP FOR A FLUID DISTRIBUTION WALL SOCKET MADE OF TWO MATERIALS. Air Liquide Medical Systems
- 3922945** SYSTEMS AND METHODS TO REDUCE DIFFERENTIAL HARMONICS OF RESONANCE TRACKING MODULATION IN A RESONANT FIBER OPTIC GYROSCOPE. Honeywell International Inc.
- 3923003** ISLANDING DETECTION METHOD, DEVICE, AND COMPUTER READABLE STORAGE MEDIUM. Huawei Digital Power Technologies Co., Ltd.
- 3923287** MEMORY SYSTEM WITH POINT-TO-POINT REQUEST INTERCONNECT. Rambus Inc.
- 3923409** BATTERY MODULE, BATTERY PACK, AND APPARATUS USING BATTERY AS POWER SOURCE. Contemporary Amperex Technology Co., Limited
- 3923448** STATOR CORE, HOUSING, MOTOR COOLING SYSTEM FOR ELECTRIC VEHICLE, AND ELECTRIC VEHICLE. Huawei Digital Power Technologies Co., Ltd.
- 3923523** DATA COLLECTION DEVICE, DATA COLLECTION METHOD, AND PROGRAM. FUJITSU LIMITED
- 3923647** METHOD AND USER EQUIPMENT FOR SELECTING RESOURCE TO BE USED FOR PERFORMING V2X COMMUNICATION BASED ON ADDITIONAL SENSING. LG Electronics Inc.
- 3923800** COMBINED OPTICAL IMAGE GENERATOR AND OPTICAL IMAGING SYSTEM. Koninklijke Philips N.V.
- 3924070** CONNECTOR, RELEASABLE DUMMY FORK PROVIDED WITH SUCH A CONNECTOR AND OPERATING METHOD. Zedel
- 3924710** METHOD AND DEVICE FOR MEASURING THE LOCAL REFRACTIVE POWER AND/OR REFRACTIVE POWER DISTRIBUTION OF A SPECTACLE LENS. Carl Zeiss Vision International GmbH
- 3925025** CARRIER-FREE OXYGEN REDUCTION CATALYST FOR USE IN LOW-TEMPERATURE FUEL CELLS AND METHOD FOR PRODUCING SAME. Technische Universität Darmstadt
- 3925422** AGRICULTURAL MACHINE. CLAAS Selbstfahrende Erntemaschinen GmbH
- 3925666** CHARGED PARTICLE IRRADIATION APPARATUS. B dot Medical Inc.
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- 3926230** METHOD FOR DETECTING A SUBSTANCE. Felder KG; Technische Universität Wien
- 3926689** GALLIUM NITRIDE DEVICE AND DRIVE CIRCUIT THEREOF. Huawei Technologies Co., Ltd.
- 3927796** LUBRICATING COMPOSITIONS FOR DIESEL PARTICULATE FILTER PERFORMANCE. Afton Chemical Corporation
- 3928661** SEAT WITH WALL BRACKET. Oceanwell (Xiamen) Industrial Co., Ltd.
- 3928677** A DISHWASHER COMPRISING A GEAR. Arçelik Anonim Sirketi
- 3929110** FLOW RACK WITH AT LEAST ONE CHANNEL FOR TRANSPORTING GOODS. Schmale, Ehrard
- 3929265** CHILLER APPARATUS CONTAINING A COMPOSITION COMPRISING 2,3,3,3-TETRAFLUOROPROPENE AND 1,1,1,2-TETRAFLUOROETHANE. The Chemours Company FC, LLC
- 3929508** AN APPARATUS FOR DAMPENING VIBRATIONS IN A REFRIGERATION SYSTEM. Daikin applied Europe S.p.A.
- 3930058** THREE-DIMENSIONAL COMPOSITE METAL LITHIUM NEGATIVE ELECTRODE, METAL LITHIUM BATTERY AND APPARATUS. Contemporary Amperex Technology Co., Limited
- 3930068** SULFIDE SOLID ELECTROLYTE AND METHOD FOR THE PREPARATION THEREOF, ALL SOLID-STATE LITHIUM SECONDARY BATTERY, AND APPARATUS CONTAINING THE SAME. Contemporary Amperex Technology Co., Limited
- 3930128** APPARATUS FOR RETAINING ELECTRICAL CABLES. CMP Products Limited
- 3930246** METHOD OF TRANSMITTING OR RECEIVING SIGNAL IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR. LG Electronics Inc.
- 3931051** DEPLOYABLE FLAP HINGE. Edscha Engineering GmbH
- 3932458** TRACHEOSTOMY CANNULA WITH SPEAKING VALVE. Tracoe medical GmbH
- 3932974** BIODEGRADABLE RESIN PARTICLE. Fujifilm Business Innovation Corp.
- 3933960** SECONDARY BATTERY. Contemporary Amperex Technology Co., Limited
- 3934000** ELECTROLYTE FOR LITHIUM SECONDARY BATTERY, AND LITHIUM SECONDARY BATTERY INCLUDING SAME. LG Energy Solution, Ltd.
- 3934001** NON-AQUEOUS ELECTROLYTE SOLUTION ADDITIVE FOR LITHIUM SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SOLUTION FOR LITHIUM SECONDARY BATTERY AND LITHIUM
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- SECONDARY BATTERY WHICH INCLUDE THE SAME. LG Energy Solution, Ltd.
- 3934137** METHOD AND APPARATUS FOR REDUCING AMOUNT OF MEMORY REQUIRED BY HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATIONS. Hon Lin Technology Co., Ltd.
- 3934935** LIGHTING DEVICE FOR A MOTOR VEHICLE FOR CREATING A LIGHT ANIMATION. Audi AG
- 3935301** METAL PIPE FOR CONVEYING OIL AND GAS, COMPRISING A METAL COATING IN A TRANSITION REGION. SMS Group GmbH
- 3935445** BROADBAND AND WIDE VIEWING ANGLE WAVEPLATE HAVING PI-CELL. Facebook Technologies, LLC.
- 3935796** A METHOD AND AN APPARATUS FOR DETERMINING A LOCAL FREQUENCY IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3937403** METHOD AND APPARATUS FOR TRANSMITTING OR RECEIVING SIGNAL IN WIRELESS COMMUNICATION SYSTEM. LG Electronics Inc.
- 3940355** DRIVE DEVICE. Mitsubishi Heavy Industries Thermal Systems, Ltd.
- 3941560** SUBCUTANEOUS FIXING SYSTEM FOR MEDICAL DEVICES. Servimed Industrial S.p.a.
- 3941778** MODULAR RANGE EXTENDER SYSTEM FOR AN ELECTRICALLY DRIVEN MOTOR VEHICLE, AND ELECTRICALLY DRIVEN MOTOR VEHICLE HAVING A RANGE EXTENDER. STACK Hydrogen Solutions GmbH
- 3941784** CIRCUIT ARRANGEMENT FOR A VEHICLE ELECTRICAL SYSTEM OF AN ELECTRICALLY DRIVEN MOTOR VEHICLE AND METHOD FOR OPERATING A CIRCUIT ARRANGEMENT OF THIS TYPE. STACK Hydrogen Solutions GmbH
- 3941858** APPARATUS AND METHOD FOR IMPROVING THE COMMUNICATION OF MODULAR CONVEYOR SYSTEMS. Cellumation GmbH
- 3942091** METHOD FOR THE SURFACE TREATMENT AND/OR MANUFACTURE OF A MEDICAL PRODUCT, AND MEDICAL PRODUCT. Aesculap AG
- 3942406** RESHAPE AND BROADCAST OPTIMIZATIONS TO AVOID UNNECESSARY DATA MOVEMENT. Google LLC
- 3942452** CROSS-BROWSER TECHNIQUES FOR EFFICIENT DOCUMENT PAGINATION. Microsoft Technology Licensing, LLC
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- 3942896** APPARATUS AND METHOD FOR PROVIDING DIRECT COMMUNICATION SERVICES IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3943359** BOGIE OF A RAILWAY VEHICLE. Deutsche Bahn AG
- 3944365** LITHIUM METAL BATTERY AND PREPARATION METHOD THEREFOR, AND APPARATUS COMPRISING LITHIUM METAL BATTERY AND NEGATIVE ELECTRODE PLATE. Contemporary Amperex Technology Co., Limited
- 3944493** DOHERTY AMPLIFIER AND COMMUNICATION DEVICE. MITSUBISHI ELECTRIC CORPORATION
- 3944691** WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3945182** POOL WITH TILED BOTTOM. Bassins Atypiques
- 3945792** AUTOMATED LITTER DEVICE. Automated Pet Care Products, LLC
- 3945987** SYSTEM AND METHOD FOR VIEW RESTORATION. Intuitive Surgical Operations, Inc.
- 3946504** A VASCULAR COUPLING DEVICE. Scandinavian Real Heart AB
- 3946573** SYSTEM FOR DETERMINING LIGHT ATTENUATION AT OPTICAL MEMBERS INSERTED IN TISSUE. SpectraCure AB
- 3946794** STENCIL DEVICE AND METHOD FOR STENCIL PRINTING OF BRAZING MATERIAL ONTO A HEAT EXCHANGER PLATE AND USE THEREOF. SWEP International AB
- 3946891** MULTY-CAVITY MOULD FOR A THERMOFORMING MACHINE USED IN THE PROCESS OF HIGH-VOLUME, CONTINUOUS THERMOFORMING OF THIN-GAUGE PLASTIC PRODUCTS. Dragulinescu, Ionel-Dan
- 3946995** A SYSTEM AND A METHOD FOR INSTALLATION OF TRACTION BATTERIES FOR A VEHICLE. VOLVO TRUCK CORPORATION
- 3947039** ROTARY SWITCH ASSEMBLY. IN PARTICULAR OF A STEERING WHEEL COLUMN INTEGRATED MODULE OF AN AUTOMOTIVE VEHICLE. Merit Poland Spółka Z Ograniczona Odpowiedzialnoscia
- 3947062** MINIATURE BRAKE AND METHOD OF ASSEMBLY. Warner Electric Technology LLC
- 3947089** AN ON-BOARD CONTROL SYSTEM FOR OPERATING A VEHICLE. VOLVO TRUCK CORPORATION
- 3947228** COMPACT WINDING DEVICE FOR A FLEXIBLE LINE. Igus GmbH
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- 3947278** METHOD FOR PREPARING AGGLOMERATES COMPRISING METALLIC SILIKON. Wacker Chemie AG
- 3947748** INDUSTRIAL HIDE SPLITTING MACHINE. Alpe Spak S.r.l.
- 3947916** TURBINE VANE OF A TURBOMACHINE, TURBINE, TURBOMACHINE AND ASSOCIATED CERAMIC CORE FOR MANUFACTURING A TURBINE VANE OF A TURBOMACHINE. SAFRAN; SAFRAN AIRCRAFT ENGINES
- 3947920** METHOD AND SYSTEM FOR MONITORING A SYSTEM FOR ACTUATING A COMPONENT OF A TURBOMACHINE. SAFRAN AIRCRAFT ENGINES
- 3947966** METHOD OF DETECTING A LEAK IN A HYDRAULIC PITCH SYSTEM. Siemens Gamesa Renewable Energy A/S
- 3948007** UNIT FOR DETECTING WEAR AND TEMPERATURE OF A BRAKING MEMBER OF A VEHICLE. I.C.P. S.r.l.
- 3948038** ASSEMBLY AND METHOD TO CORRECT AN OFFSET BETWEEN TWO PIPE FLANGES. Siemens Aktiengesellschaft
- 3948046** DEVICE FOR ASSEMBLING TWO PIPES, FLUID CIRCULATION LINE AND VEHICLE COMPRISING SUCH A DEVICE. Sogefi Air & Cooling (SAS)
- 3948150** INTERCEPTOR NET WITH ABSORPTION DEVICE FOR INTERCEPTING DRONES. Droptec GmbH
- 3948448** METHOD, SOFTWARE TERMINAL AND SYSTEM OF TERMINALS FOR CHANGING CONTROL SOFTWARE OF AN AUTOMATION SYSTEM. Beckhoff Automation GmbH
- 3948449** METHOD AND ENGINEERING SYSTEM FOR CHANGING A PROGRAM OF AN INDUSTRIAL AUTOMATION COMPONENT. Siemens Aktiengesellschaft
- 3948470** OPTICAL POSITION MARKER, ROBOT WITH SAID MARKER AND SYSTEM FOR CONTROLLING SAID ROBOT. Zauberzeug GmbH
- 3948474** FREQUENCY DOMAIN-BASED DETERMINATION OF CURRENTS FOR INJECTION INTO A POWER NETWORK. University of Cape Town
- 3948777** IDENTIFYING BOUNDARIES OF LESIONS WITHIN IMAGE DATA. Koninklijke Philips N.V.
- 3948899** HOUSING HEAD FOR AN INSTRUMENT COMPRISING A MOVABLE PART. Orano DS - Démantèlement Et Services
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- 3949042** SINGLE-MODE HYBRID III-V ON SILICON LASER OF SIMPLIFIED CONSTRUCTION. Commissariat à l'énergie atomique et aux énergies alternatives
- 3949080** APPARATUS FOR SUPPLYING ENERGY TO AN ACTIVE EYE IMPLANT. Carl Zeiss AG; Carl Zeiss Jena GmbH
- 3949083** QUADRUPOLE SYNCHRONOUS RELUCTANCE MACHINE. Siemens Aktiengesellschaft
- 3949129** NETWORK DEVICE AND METHOD THEREIN FOR HANDLING PASSIVE INTERMODULATION SIGNALS IN A WIRELESS COMMUNICATIONS NETWORK. TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
- 3949631** METHOD AND APPARATUS FOR TRANSMISSION AND RECEPTION OF SIDELINK FEEDBACK IN WIRELESS COMMUNICATION SYSTEM. Samsung Electronics Co., Ltd.
- 3951154** SLIDING BEARING, AND CRANKSHAFT SUPPORT STRUCTURE. TAIHO KOGYO CO., LTD.
- 3952166** FEEDBACK INFORMATION DETERMINING METHOD AND APPARATUS. GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
- 3952361** BLUETOOTH SCANNING METHOD AND ELECTRONIC DEVICE. Huawei Technologies Co., Ltd.
- 3952731** INTRACRANIAL BLOOD PRESSURE ESTIMATION METHOD AND DEVICE. Koninklijke Philips N.V.
- 3952742** DETECTION OF BIOMARKERS IN SWEAT. Koninklijke Philips N.V.
- 3952748** STATIC GAIN CALIBRATION. Koninklijke Philips N.V.
- 3952767** A POLYAXIAL SURGICAL SCREW AND DEVICE FOR IMPLANTING SAID SURGICAL SCREW. Medacta International SA
- 3953021** PROCESS FOR PRODUCING FUNCTIONALIZED ORGANIC MOLECULES AND USES THEREOF. B. Braun Surgical, S.A.; Universitat Politècnica De Catalunya
- 3953085** TOOL FOR MACHINING A WORKPIECE. MAPAL Fabrik für Präzisionswerkzeuge Dr. Kress KG
- 3953093** MULTIPLE PULSE WELDING METHOD AND ARRANGEMENT. FRONIUS INTERNATIONAL GmbH
- 3953141** POLYBUTYLENE TEREPHTHALATE THERMOFORMING PROCESS. BASF SE
- 3953201** A VEHICLE COMPRISING A BATTERY PROTECTION STRUCTURE. VOLVO TRUCK CORPORATION
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- 3953206** HYBRID PROPULSIVE INSTALLATION AND METHOD FOR CONTROLLING SUCH AN INSTALLATION. Safran Helicopter Engines
- 3953238** METHOD OF ASSEMBLY OF LOWER AND UPPER STRUCTURE PARTS WITH REINFORCEMENT PART OF A VEHICLE. PSA Automobiles SA
- 3953281** PNEUMATIC DISPATCH STATION HAVING A TOOL CHANGER. Swisslog Healthcare GmbH
- 3953310** FOREHEARTH TANK ASSEMBLY FOR A GLASS DISTRIBUTION CHANNEL. Société Européenne des Produits Réfractaires
- 3953415** YELLOW PIGMENT COMPOSITION. BASF SE
- 3953416** COMPOSITION COMPRISING BLOCK COPOLYMER, AND METHOD FOR PRODUCING SILICEOUS FILM USING THE SAME. Merck Patent GmbH
- 3953509** METHOD FOR PATTERN-CONTROLLED FORMING OF THE CONNECTION POINT OF AN EFFECT THREAD IN TISSUE. Textilma AG
- 3953512** FABRIC AND METHOD TO PRODUCE A DOUBLE-LAYER KNITTED FABRIC. Essity Hygiene and Health Aktiebolag
- 3953540** DECORATIVE PANEL AND METHOD OF PRODUCING SUCH A DECORATIVE PANEL. NORTHANN BUILDING SOLUTIONS LLC
- 3953550** A REMOTELY OPERABLE PUSH BUTTON LOCK MECHANISM. Trimark Europe Ltd
- 3953560** PROTECTION DEVICE FOR A FLUID FLOW LINE, RELATED INSTALLATION AND PROCESS. TotalEnergies OneTech
- 3953568** COUNTER-ROTATING TURBINE OF A TURBOMACHINE AND METHOD OF ASSEMBLING AN EXTERNAL MOBILE BLADING OF A COUNTER-ROTATING TURBINE. SAFRAN AIRCRAFT ENGINES
- 3953569** METHOD FOR DETECTING A ROUGHNESS IN AN ABRADABLE LAYER IN A FAN CASING. Safran Aircraft Engines
- 3953572** DETERMINING AN ESTIMATE OF SOOT LOAD IN A DIESEL PARTICULATE FILTER USING A RADIO FREQUENCY SENSOR. Perkins Engines Company Limited
- 3953600** A BRAKE PAD FOR A VEHICLE, A BRAKE ARRANGEMENT, A BRAKE SYSTEM AND A VEHICLE. Volvo Truck Corporation
- 3953639** SOLID STATE LAMP. Signify Holding B.V.
- 3953661** METHOD AND COMPUTER PROGRAM FOR THE TIME-RESOLVED CALCULATION OF A DEFORMATION OF A BODY. Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
- 3953673** DEVICE FOR MEASURING A FORCE EXERTED ON AN OBJECT. ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
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- 3953683** GAS SENSOR. Office National d'Etudes et de Recherches Aérospatiales;  
TotalEnergies OneTech
- 3953743** MANUFACTURING DEVICE AND CONVEYOR MEANS. TRUMPF  
Maschinen Austria GmbH & Co. KG.
- 3953762** LOW DIMERIZING VIOLOGEN ELECTROCHROMIC COMPOUNDS AND  
DEVICES. GENTEX CORPORATION
- 3953845** METHOD TO SECURE A SOFTWARE CODE. THALES DIS CPL USA, INC.
- 3954046** DYNAMIC INTEGRATION TIME ADJUSTMENT OF A CLOCKED DATA  
SAMPLER USING A STATIC ANALOG CALIBRATION CIRCUIT. Kandou  
Labs SA
- 3954156** WIRELESS MESH NETWORK SYSTEM. Signify Holding B.V.
- 3954562** MULTI-MODE ELECTRIC DRIVE SYSTEM AND VEHICLE. Yutong Bus  
Co., Ltd.
- 3954798** DIE-CAST ALUMINUM ALLOY, PREPARATION METHOD THEREFOR,  
AND STRUCTURAL MEMBER FOR COMMUNICATION PRODUCT. Honor  
Device Co., Ltd.
- 3955250** STORAGE DEVICES AND METHODS OF OPERATING STORAGE  
DEVICES. Samsung Electronics Co., Ltd.
- 3955336** ELECTRODE, ELECTRODE GROUP, BATTERY, AND BATTERY PACK.  
KABUSHIKI KAISHA TOSHIBA
- 3955348** NEGATIVE ELECTRODE ACTIVE MATERIAL AND METHOD FOR  
PREPARATION THEREOF, SECONDARY BATTERY, AND APPARATUS  
INCLUDING SECONDARY BATTERY. Contemporary Amperex Technology  
Co., Limited
- 3955349** NEGATIVE ELECTRODE ACTIVE MATERIAL, MANUFACTURING  
METHOD THEREFOR, SECONDARY BATTERY, AND DEVICE  
COMPRISING SECONDARY BATTERY. Contemporary Amperex Technology  
Co., Limited
- 3955727** AGRICULTURAL MACHINE. Reiter, Thomas
- 3955790** KITCHEN MACHINE WITH AUTOMATICALLY OPERATED DISPENSING  
MEANS. Modelo Continente Hipermercados, S.A.
- 3955800** DETERMINATION OF A REFRACTION ERROR OF AN EYE. Carl Zeiss  
Vision International GmbH
- 3956051** SYSTEM AND METHOD FOR FEEDING A UREA SYNTHESIS REACTOR.  
Saipem S.p.A.
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- 3956056** CROSS-CORRUGATED PACKING MADE FROM METAL FOAM. L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
- 3956065** DRY GRINDING SYSTEM AND METHOD FOR REDUCED TAILINGS DEWATERING, IMPROVING FLOTATION EFFICIENCY, PRODUCING DRIER TAILINGS, AND PREVENTING FILTER MEDIA BLINDING. FLSmith A/S
- 3956082** METHOD FOR OPERATING A COLD ROLLING MILL WITH ALTERNATIVE FEED OF A STEEL STRIP OVER TWO DIFFERENT PATHS AND CORRESPONDING COLD ROLLING MILL. Primetals Technologies Austria GmbH
- 3956126** METHOD FOR PRODUCING AT LEAST ONE SOLID BODY LAYER ON A SUBSTRATE WHICH IS ROTATABLE ABOUT AN AXIS OF ROTATION. dp polar GmbH
- 3956128** METHOD FOR PRODUCING AT LEAST ONE SOLID LAYER IN ACCORDANCE WITH SPECIFIED GEOMETRY DATA. dp polar GmbH
- 3956183** WIND DEFLECTOR FOR A WINDOW WIPER SYSTEM OF A MOTOR VEHICLE. Audi AG; Dr. Ing. h.c. F. Porsche AG; A. Raymond et Cie; VOLKSWAGEN AKTIENGESELLSCHAFT
- 3956224** TURBOREACTOR COMPRISING A NACELLE WITH AN AIR INTAKE FOR IMPROVING A REVERSE THRUST. SAFRAN AIRCRAFT ENGINES
- 3956284** ACID CATALYZED SYNTHESIS OF METHYL ACRYLATE FROM ACRYLIC ACID AND METHANOL. Rohm and Haas Company
- 3956380** PROCESSES FOR PREPARING COPOLYESTERS SUITABLE FOR USE IN FOOD CONTACT APPLICATIONS. Dupont Teijin Films U.S. Limited Partnership
- 3956485** PROCESS FOR THE PREPARATION OF PRECURSOR COMPOUNDS FOR LITHIUM BATTERY CATHODES. Umicore
- 3956494** PROMOTING ADHESION OF THIN FILMS. Sy&Se SA
- 3956529** METHOD OF MOUNTING A ROOF STRUCTURE. Soletanche Freyssinet
- 3956540** INSTALLATION OF SUBSEA RISERS. Subsea 7 Do Brasil Serviços Ltda.
- 3956546** FLUID SAMPLING AND MEASURING ASSEMBLY AND METHOD. Saipem S.p.A.
- 3956556** HEATING VALUE ESTIMATION. Wärtsilä Finland Oy
- 3956578** BEARING HOUSING AND VEHICLE CHASSIS COMPRISING SUCH BEARING HOUSINGS. Terberg Benschop B.V.
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- 3956644** DEVICE FOR MONITORING THE TIGHTNESS OF SEALING COMPONENTS. Gaztransport et Technigaz
- 3956646** SYSTEM FOR MONITORING THE HEALTH OF A HELICOPTER. SAFRAN; Safran Helicopter Engines
- 3956699** A METHOD FOR UPSCALING OF RELATIVE PERMEABILITY OF THE PHASE OF A FLUID. TotalEnergies OneTech
- 3956818** ELECTRONIC MODULE FOR CHIP CARD COMPRISING A DISPLAY SCREEN. Smart Packaging Solutions
- 3957135** A LIGHTING DEVICE. Signify Holding B.V.
- 3957137** TREATMENT ASSEMBLY FOR TREATING THE SURFACE OF A BODY WITH A DIELECTRIC BARRIER DISCHARGE PLASMA. Cinogy GmbH
- 3957529** CONTROL METHOD FOR HYBRID VEHICLE AND CONTROL DEVICE FOR HYBRID VEHICLE. Nissan Motor Co., Ltd.
- 3957978** GAS ANALYSIS DEVICE. KABUSHIKI KAISHA TOSHIBA
- 3958352** SECONDARY BATTERY, PROCESS FOR PREPARING THE SAME AND APPARATUS CONTAINING THE SECONDARY BATTERY. Contemporary Amperex Technology Co., Limited
- 3958746** FETAL ULTRASOUND PROCESSING UNIT FOR SEPARATING HEART RATE SIGNALS. Koninklijke Philips N.V.
- 3958747** FETAL ULTRASOUND PROCESSING UNIT FOR SEPARATING HEART RATE SIGNALS. Koninklijke Philips N.V.
- 3958814** LOCKING AND ADJUSTMENT MECHANISM FOR EXOSKELETON. OSSUR ICELAND EHF
- 3958964** SEALS FOR LEAD BORES OF IMPLANTABLE MEDICAL DEVICES. Medtronic, Inc.
- 3958995** DEVICE FOR DISTRIBUTION THROUGH MERIDIONAL PANELS WITH SEPARATION OF COLLECTION NETWORKS. IFP Energies nouvelles
- 3959021** METHOD FOR PRODUCING A HIGH STRENGTH SILICON CONTAINING STEEL STRIP WITH EXCELLENT SURFACE QUALITY AND SAID STEEL STRIP PRODUCED THEREBY. Tata Steel IJmuiden B.V.
- 3959029** WELDING DEVICE AND METHOD FOR OPERATING A WELDING DEVICE. Alexander Binzel Schweisstechnik GmbH & Co. KG
- 3959039** HAND HELD POWER TOOL. Atlas Copco Industrial Technique AB
- 3959068** METHOD FOR REPAIRING A VANE MADE OF COMPOSITE MATERIAL. SAFRAN AIRCRAFT ENGINES
- 3959086** A RUBBER COMPOSITION. COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
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- 3959097** COOLING ASSEMBLY FOR A MOTOR VEHICLE. VALEO SYSTEMES THERMIQUES
- 3959148** RECLOSABLE PACKAGE AND METHOD FOR PREPARING A RECLOSABLE PACKAGE. JT International SA
- 3959247** LOW VISCOSITY CROSSLINKABLE COMPOSITIONS FOR COATINGS AND MATERIALS WITH A HIGH REFRACTIVE INDEX AND HIGH THERMAL DEFLECTION TEMPERATURE. ARKEMA FRANCE
- 3959284** LIQUID DISPERSION WITH ENHANCED THERMAL CONDUCTIVITY CONTAINING INORGANIC PARTICLES. Evonik Operations GmbH
- 3959296** LUBRICATING GREASE COMPRISING METAL SOAPS AND METAL COMPLEX SOAPS BASED ON R-10-HYDROXYOCTADECANOIC ACID. Fuchs Petrolub SE
- 3959299** SURFACTANT SYSTEMS. UNILEVER GLOBAL IP LIMITED
- 3959346** LINE SPEED DEPENDENT CONTROL OF A FURNACE FOR HEAT TREATING ALUMINUM ALLOY SHEET. Commonwealth Rolled Products, Inc.; Alvanco Aluminium Duffel BV
- 3959352** PRECURSOR SUPPLY CABINET. Beneq Oy
- 3959413** WELL TOOL DEVICE FOR FORMING A PERMANENT CAP ROCK TO CAP ROCK BARRIER AND METHOD FOR USING SAME. Interwell P&A AS
- 3959422** TOOL FOR REMOVING A FAN DISC FROM A MODULE. SAFRAN AIRCRAFT ENGINES
- 3959426** HYBRID VEHICLE. Siemens Mobility GmbH
- 3959473** DISPENSER FOR DISPENSING ELONGATE BEVERAGE CONTAINERS. Cuula GmbH
- 3959479** HEAT EXCHANGER WITH SECUREMENT OF THE FASTENING AT THE HEADER CORNER. VALEO SYSTEMES THERMIQUES
- 3959490** PULSED RLG WITH IMPROVED RESISTANCE TO SIGNAL DISTURBANCE. Rosemount Tank Radar AB
- 3959497** METHOD AND DEVICE FOR MEASURING THE LOCAL REFRACTIVE POWER OR REFRACTIVE POWER DISTRIBUTION OF A SPECTACLE LENS. Carl Zeiss Vision International GmbH
- 3959514** SENSING APPARATUS FOR MEASURING TRANSPIRATION IN A PLANT PROBE. Robert Bosch GmbH
- 3959546** IDENTIFYING POTENTIAL HYDROCARBON TRAPS IN A SUBTERRANEAN REGION USING RECURSIVE ANISOTROPIC EROSION OF SEISMIC DATA. Saudi Arabian Oil Company
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- 3959646** CONTENT-AWARE PQ RANGE ANALYZER AND TONE MAPPING IN LIVE FEEDS. Dolby Laboratories Licensing Corporation
- 3959648** METHOD FOR DETECTING TARGETS. Safran Electronics & Defense
- 3959659** METHODS FOR PROTECTING PATTERN CLASSIFICATION NODE FROM MALICIOUS REQUESTS AND RELATED NETWORKS AND NODES. Telefonaktiebolaget LM Ericsson (publ)
- 3959897** METHOD FOR READING FLUID METERS. Sagemcom Energy & Telecom SAS
- 3961203** LEAKAGE MAGNETIC FLUX FLAW INSPECTION DEVICE. JFE Steel Corporation
- 3961769** SECONDARY BATTERY AND MANUFACTURING METHOD THEREFOR, AND APPARATUS COMPRISING SECONDARY BATTERY. Contemporary Amperex Technology Co., Limited
- 3962308** AEROSOL GENERATION DEVICE HAVING A THERMAL BRIDGE. JT International SA
- 3962318** SUPPORT DEVICE FOR WHEELS OF TRANSPORTABLE CONTAINERS, SUCH AS TROLLEY CASES OR THE LIKE.. Schedoni Luxury Goods Srl
- 3962647** CLOSURE ELEMENT FOR A MICROPLATE WELL HAVING VENTS AND A SLOT, AND METHOD FOR THE USE THEREOF. BIOMÉRIEUX
- 3962701** POSITIONING DEVICE. Physik Instrumente (PI) GmbH & Co. KG
- 3962763** ADJUSTABLE THROTTLE PEDAL ASSEMBLY. Bentley Motors Limited
- 3962779** CRASH RELAX BED PLATFORM. DAF Trucks N.V.
- 3962849** ELEVATOR PANEL AND ITS METHOD OF OPERATION. INVENTIO AG
- 3962875** USE OF MINERAL BINDER COMPOSITIONS FOR SETTING AND/OR CURING AT TEMPERATURES <15 °C. Sika Technology AG
- 3962891** METHOD FOR CATALYTICALLY PRODUCING UREA. thyssenkrupp Industrial Solutions AG; thyssenkrupp AG
- 3962990** MELAMINE FORMALDEHYDE FOAM WITH REDUCED FORMALDEHYDE EMISSION. BASF SE
- 3963003** SOFT POLYPROPYLENE COMPOSITION WITH IMPROVED OPTICAL BEHAVIOR. Borealis AG
- 3963032** EMULSIFIER PACKAGE WITH QUATERNARY AMMONIUM SURFACTANT FOR FUEL EMULSION. BASF SE
- 3963146** A MULTI CONTACT FACE DEVICE FOR APPLYING A FLUID COATING MATERIAL TO A BUILDING SURFACE. Faster Plaster ApS
- 3963190** IMPROVED ARCHITECTURE OF A TURBOMACHINE WITH COUNTER-ROTATING TURBINE. SAFRAN AIRCRAFT ENGINES
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- 3963251** PRESSURIZED-FLUID CONTAINER WITH A PRESSURE INDICATOR DEVICE. ALIZENT INTERNATIONAL; L'Air Liquide, société anonyme pour l'Étude et l'Exploitation des procédés Georges Claude
- 3963278** MODIFIABLE HEAT EXCHANGE DEVICE. VALEO SYSTEMES THERMIQUES
- 3963282** METHOD FOR THE DIMENSIONAL INSPECTION OF A TURBOMACHINE COMPONENT. SAFRAN AIRCRAFT ENGINES
- 3963318** METHOD OF DETERMINING THE INTERNAL RESISTANCE OF AN ELECTROCHEMICAL CELL IN A CERAMIC EXHAUST SENSOR. Robert Bosch GmbH
- 3963349** BATTERY SIMULATOR HAVING COMPENSATION IMPEDANCE. Kristl, Seibt & Co. Gesellschaft M.B.H.
- 3963358** DETECTION DEVICE WITH AT LEAST ONE SENSOR DEVICE, AN ANALYSIS DEVICE, A LIGHT SOURCE, AND A CARRIER MEDIUM. Audi AG
- 3963378** POLARIZATION ROTATOR. Teknologian Tutkimuskeskus VTT OY
- 3963404** METHOD AND APPARATUS FOR PHOTOLITHOGRAPHIC IMAGING. ASML Netherlands B.V.
- 3963497** PROTOCOL FOR VALIDATING BLOCKCHAIN TRANSACTIONS. nChain Licensing AG
- 3963534** METHOD FOR ASSIGNING A TERMINAL TO A TYPE CLASS, AND SECURITY ELEMENT. Giesecke+Devrient Mobile Security GmbH
- 3963571** SURFACE TRIM ELEMENT FOR PRODUCING AN ACOUSTIC ATTENUATION. Office National d'Etudes et de Recherches Aéropatiales
- 3963838** NETWORK SUBSCRIBER AND AUTOMATION NETWORK. Beckhoff Automation GmbH
- 3963862** INTERMEDIARY HANDLING OF IDENTITY SERVICES TO GUARD AGAINST CLIENT SIDE ATTACK VECTORS. Akamai Technologies, Inc.
- 3963899** DEVICE AND SYSTEM FOR MEASURING THE SOUND VOLUMES OF NOISES OF A ROAD VEHICLE IN ROAD TRAFFIC. ZF Friedrichshafen AG
- 3963983** METHOD AND APPARATUS FOR RANDOM ACCESS. Telefonaktiebolaget LM Ericsson (publ)
- 3964543** PLASTICIZER COMPOSITION AND RESIN COMPOSITION INCLUDING THE SAME. LG CHEM, LTD.
- 3964551** THERMALLY CONDUCTIVE RESIN COMPOSITION AND THERMALLY CONDUCTIVE SHEET USING SAME. Dexerials Corporation
-

- 3964915** METHOD FOR DETERMINING THE POSITION OF A FOLLOWING AIRCRAFT RELATIVE TO A LEADING AIRCRAFT FLYING IN FRONT OF THE FOLLOWING AIRCRAFT. AIRBUS OPERATIONS (S.A.S.); Airbus (S.A.S.)
- 3965545** POLYETHER-MODIFIED SILOXANES AS DUST BINDING AGENT FOR SEEDS. Evonik Operations GmbH
- 3965614** FASTENING ARRANGEMENT WITH A DRAWER BASE, AND METHOD FOR INSTALLING A DRAWER BASE. Paul Hettich GmbH & Co. KG
- 3965615** DRAWER WALL ELEMENT. Paul Hettich GmbH & Co. KG
- 3965623** A MIXING APPARATUS FOR CREATING FROTHED MILK. Koninklijke Philips N.V.
- 3966037** FILM WITH AT LEAST TWO LAYERS AND METHOD FOR PRODUCING THE SAME. Brückner Maschinenbau GmbH & Co. Kg
- 3966292** AQUEOUS INKJET INK COMPRISING A RESIN. AGFA NV
- 3966382** EQUIPMENT FOR THE COLLECTION AND THE CONTROLLED DELIVERY OF LIQUIDS WITH VOLUMETRIC DOSAGE. Tecnorama S.r.l.
- 3966395** BUCKET WHEEL AND METHOD FOR PIVOTING AT LEAST ONE BUCKET OF A BUCKET WHEEL, AND BRIDGE BUCKET WHEEL ASSEMBLY. FAM Minerals & Mining GmbH
- 3966437** OPTIMIZED CASCADE ORGANIC RANKINE CYCLE. Turboden S.p.A.
- 3966459** SNAP CLOSURE WITH ADJUSTMENT OF ITS SNAP TENSION. Specialinsert S.r.l.
- 3966460** EXPANDABLE SCREW WITH SEPARATE EXPANSION FINGERS. Hilti Aktiengesellschaft
- 3966463** METHOD FOR MACHINING A BEARING RING AND FOR PRODUCING A ROLLING BEARING, AND ROLLING BEARING. Schaeffler Technologies AG & Co. KG
- 3966466** ASSEMBLY-OPTIMIZED DRIVE MODULE FOR THE POWERTRAIN OF A MOTOR VEHICLE, AND METHOD FOR ASSEMBLING THE DRIVE MODULE. Schaeffler Technologies AG & Co. KG
- 3966468** VEHICLE BRAKE DISC. Bayerische Motoren Werke Aktiengesellschaft
- 3966716** PATTERN MATCHING FOR AUTHENTICATION WITH RANDOM NOISE SYMBOLS AND PATTERN RECOGNITION. Microsoft Technology Licensing, LLC
- 3966850** METHOD FOR MANUFACTURING A POWER ELECTRONIC MODULE. SAFRAN
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- 3966851** METHOD FOR MANUFACTURING A POWER ELECTRONIC MODULE.  
SAFRAN
- 3969214** INDEXABLE CUTTING INSERT HAVING TWO CUTTING PORTIONS  
LOCATED IN DIAGONALLY OPPOSITE QUADRANTS AND TWO  
LOWER ABUTMENT ELEMENTS, AND CUTTING TOOL. Iscar Ltd.
- 3969553** LAUNDRY COMPOSITION. UNILEVER GLOBAL IP LIMITED
- 3970201** IMPROVED SOLAR CELL STRING FOR USE IN A PHOTOVOLTAIC  
MODULE. Meyer Burger (Switzerland) AG
- 3970220** CATALYST LAYERS OF MEMBRANE-ELECTRODE ASSEMBLIES AND  
METHODS OF MAKING SAME. Nikola Corporation
- 3971069** STRADDLED VEHICLE AND MANUFACTURING METHOD FOR  
MANUFACTURING STRADDLED VEHICLE. Yamaha Hatsudoki Kabushiki  
Kaisha
- 3971137** TUNGSTEN CARBIDE POWDER. SUMITOMO ELECTRIC INDUSTRIES,  
LTD.
- 3972103** FAULT CURRENT LIMITING METHOD IN COMBINATION WITH  
BRIDGE-ARM CURRENT SUPPRESSION FOR VSC-HVDC. Sichuan  
University
- 3972450** FURNITURE ELEMENT. Paul Hettich GmbH & Co. KG
- 3973146** REMOVABLE PIN ON A TURBOMACHINE NOZZLE. SAFRAN  
AIRCRAFT ENGINES
- 3973302** CURRENT SENSOR DEVICE AND METHOD FOR ASSEMBLING SUCH A  
DEVICE. Mersen France Amiens SAS
- 3973579** OPTOELECTRONIC DEVICE WITH LIGHT-EMITTING DIODES A DOPED  
REGION OF WHICH INCORPORATES AN EXTERNAL SEGMENT BASED  
ON ALUMINIUM AND GALLIUM NITRIDE. Aledia
- 3973693** IMAGE CAPTURE DEVICE FOR MULTIPLE CAPTURES AND  
SURVEILLANCE SYSTEM FOR AN ASSOCIATED DRIVER. Valeo Comfort  
and Driving Assistance
- 3973874** PHYSIOLOGICAL STATE DETERMINATION DEVICE. DAIKIN  
INDUSTRIES, LTD.; Tokyo Institute of Technology
- 3974005** COATING FOR PREVENTING MICROBIAL GROWTH AND  
THROMBOSIS. Bactiguard AB
- 3974076** STAINLESS-STEEL TEE-PIPE MOULDING PROCESS. Zhejiang Delifu  
Technology Co., Ltd
-

- 3977533** FLUID-TEMPERATURE-CONTROLLABLE TRACTION BATTERY AND BATTERY HOUSING ASSEMBLY HAVING A FEED-THROUGH FOR A HEAT TRANSMISSION DEVICE. Kautex Textron GmbH & Co. KG
- 3977673** BLOCKCHAIN TRANSACTION COMPRISING RUNNABLE CODE FOR HASH-BASED VERIFICATION. nChain Licensing AG
- 3977692** AVOIDING JITTER IN A COMMUNICATION SYSTEM. Telefonaktiebolaget LM Ericsson (publ)
- 3978471** NAPHTHALENESULFONAMIDE COMPOUND, PREPARATION METHOD, AND APPLICATION. China Pharmaceutical University
- 3979950** SHOULDER PROSTHESIS WITH MODULAR EPIPHYSAL PART. Franco-Swiss Orthoconsulting; One Ortho; Université Savoie Mont Blanc
- 3981552** ROBOT CONTROL METHOD. Panasonic Intellectual Property Management Co., Ltd.
- 3984998** FLUIDIZED REACTION METHOD FOR SYNTHESIZING PROPYLENE OXIDE BY GAS PHASE EPOXIDATION OF PROPYLENE AND HYDROGEN PEROXIDE. Dalian Qiyuan Technology Co., Ltd.; Dalian University of Technology
- 3986957** SILICONE POLYETHER FOAM CONTROL AGENT. Dow Silicones Corporation; Dow Global Technologies, LLC
- 3987246** COHERENT OPTICAL SENSOR WITH SPARSE ILLUMINATION. Mitsubishi Electric Corporation
- 3991288** ARC FURNACE POWER SUPPLY WITH CONVERTER CIRCUIT. ABB SCHWEIZ AG
- 3996963** SENSOR ARRANGEMENT AND METHOD FOR JOINING A SENSOR ARRANGEMENT OF THIS KIND. Robert Bosch GmbH
- 3997424** MEASURING SYSTEM FOR MEASURING A FLOW. AVL List GmbH
- 3997906** METHODS, APPARATUS AND MACHINE-READABLE MEDIA RELATING TO WIRELESS TRANSMISSION IN A COMMUNICATION NETWORK. Telefonaktiebolaget LM Ericsson (publ)
- 4000947** WHEEL. Advanced International Multitech Co., Ltd.
- 4001146** PACKAGING STRUCTURE WITH RESILIENT POSITIONING FLAPS. Alpha Networks Inc.
- 4002601** PROTECTING COVER ADAPTED FOR A CONNECTING PORT AND CONNECTING PORT DEVICE THEREWITH. Moxa Inc.
- 4002782** METHOD, APPARATUS, AND SYSTEM FOR UPLINK CHANNEL ESTIMATION IN TIME DOMAIN. Hon Lin Technology Co., Ltd.
-

- 4009041** METHOD FOR DIAGNOSING CAUSE OF DEGRADATION OF LITHIUM SECONDARY BATTERY. LG ENERGY SOLUTION, LTD.
- 4009719** EFFICIENT UTILIZATION OF SSBS IN NEW RADIO SYSTEMS. Sony Group Corporation
- 4023197** WOUND DRESSING. Smith & Nephew PLC
- 4030784** METHODS, APPARATUS AND SYSTEMS FOR THREE DEGREES OF FREEDOM (3DOF+) EXTENSION OF MPEG-H 3D AUDIO. Dolby International AB
- 4030785** METHODS, APPARATUS AND SYSTEMS FOR THREE DEGREES OF FREEDOM (3DOF+) EXTENSION OF MPEG-H 3D AUDIO. Dolby International AB
- 4054146** SYSTEMS AND METHODS FOR COMMUNICATING WITH A DEVICE IN A LOW POWER MODE. Spotify AB
- 4071492** PNEUMATIC CABLE SHUTTLE SYSTEM FOR 2FNMR. Bruker BioSpin GmbH
- 4071503** OPTOELECTRONIC SENSOR AND METHOD FOR DETECTING OBJECTS. SICK AG
- 4071504** OPTOELECTRONIC SENSOR AND METHOD FOR DETECTING OBJECTS. SICK AG
- 4072260** PNEUMATIC DISTRIBUTION MACHINE. Amazonen-Werke H. Dreyer SE & Co. KG
- 4074421** ATOMIZING NOZZLE ARRANGEMENT. Danfoss A/S
- 4075790** EXPOSURE TIME CONTROL IN A VIDEO CAMERA. Axis AB
- 4075875** METHOD FOR ESTABLISHING A DATA PLANE SESSION OF OR FOR A USER EQUIPMENT WITH A TELECOMMUNICATIONS NETWORK USING AN ACCESS NETWORK OF THE TELECOMMUNICATIONS NETWORK, TELECOMMUNICATIONS NETWORK, NETWORK CONTROL NODE OR ELEMENT FOR CONTROLLING A FORWARDING ENTITY OF A TELECOMMUNICATIONS NETWORK, PROGRAM AND COMPUTER-READABLE MEDIUM. Deutsche Telekom AG
- 4080044** ENERGY CONVERSION UNIT, ENERGY CONVERSION ASSEMBLY, ENERGY CONVERSION SYSTEM AND NETWORK. Immig, Mario
- 4080296** METHOD FOR SECURELY UPDATING THE CONFIGURATION OF AN ELECTRONIC DEVICE. SICK AG
- 4082893** TEXTILE DOOR INSULATION FOR A PASSENGER DOOR IN AN AIRCRAFT. Airbus Operations GmbH
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**4084467** A METHOD AND A THERMAL CAMERA HAVING A MICROBOLOMETER DETECTOR FOR CAPTURING A SEQUENCE OF IMAGE FRAMES. Axis AB

## **Request for Grant of Supplementary Protection Certificate**

The name and address of the requestor follow the number allocated to the request. The date in brackets following the name and address is the date of receipt of the request. The Patent number is that under which the product in respect of which a certificate is sought is, allegedly, protected. Market Authorisation references in respect of the product concerned are also shown.

**2024001** TAIHO PHARMACEUTICAL CO., LTD., 1-27, Kandanishiki-cho  
Chiyoda-ku, 101-8444 Tokyo, Japan  
(24 January 2024)  
Patent No: 3042669; ANTITUMOR AGENT AND ANTITUMOR EFFECT ENHANCER  
Product: Lonsurf in combination with bevacizumab  
Market Authorisation: Ireland EU/1/16/1096, 26/07/2023  
European Union EU/1/16/1096, 26/07/2023

## **Application for Extension of the Duration of a Supplementary Protection Certificate**

The name and address of the applicant follow the number allocated to the Supplementary Protection Certificate (SPC). The date in brackets following the name and address is the date of receipt of the application for an extension of the duration of the SPC. The Patent number is that under which the product in respect of which an extension of the duration of the SPC is sought is, allegedly, protected. Market authorisation references in respect of the product concerned are also shown, followed by the original date of expiry of the certificate.

**2014005** RATIOPHARM GMBH, Graf-Arco-Strasse 3, 89079 Ulm, Germany  
(16/01/2024)  
Patent No: 1615945; GLYCOPEGYLATION METHODS AND PROTEINS/PEPTIDES PRODUCED BY THE METHODS  
Product: Lonquex - lipegfilgrastim  
Market Authorisation: Ireland EU/1/13/856, 25/07/2013  
European Union EU/1/13/856, 25/07/2013  
Original SPC Expiry Date: 24/07/2028

**2016027** BIOVEX LIMITED, 69-70 Innovation Drive, Abingdon, Oxon OX14 4RQ,  
United Kingdom

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(22/01/2024)

Patent No: 1252322; HERPES VIRUS STRAINS FOR GENE THERAPY

Product: Talimogene laherparepvec

Market Authorisation: Ireland EU/1/15/1064/001 and EU/1/15/1064/002,  
16/12/2015

Original SPC Expiry Date: 21/01/2026

**2016027** BIOVEX LIMITED, 69-70 Innovation Drive, Abingdon, Oxon OX14 4RQ,  
United Kingdom

(22/01/2024)

Patent No: 1252322; HERPES VIRUS STRAINS FOR GENE THERAPY

Product: Talimogene laherparepvec

Market Authorisation: Ireland EU/1/15/1064/001 and EU/1/15/1064/002,  
16/12/2015

Original SPC Expiry Date: 21/01/2026

## **Proceedings under Section 37 of the Patents Act, 1992**

Restoration Order dated 23<sup>rd</sup> January 2024 was made restoring the Patent mentioned below

**3271654** North American Wave Engine Corporation  
SYSTEM AND METHOD FOR IMPROVING OPERATION OF PULSE  
COMBUSTORS

## **Renewal of Designs Registered under the Industrial Designs Act, 2001**

### **Registrations renewed for 2<sup>nd</sup> period of 5 Years**

| Design Number | Class |
|---------------|-------|
| 22922         | 04.04 |
| 22923         | 04.04 |

### **Designs Registered Under The Industrial Designs Act 2001, which have expired due to non-renewal**

| Design number | Class |
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| 22352         | 02.02 |
| 22353         | 02.02 |
| 22354         | 02.02 |
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**Iris um Oifig Maoine Intleachtúla na hÉireann**  
Journal of the Intellectual Property Office of Ireland

**Cuid II**  
**Trádmharcanna**

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**No. 2509**

**Wednesday, 14 February, 2024**

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*In this Part of the Journal, unless the context otherwise requires, a reference to the 1963 Act means the Trade Marks Act, 1963, a reference to the 1963 Rules means the Trade Marks Rules, 1963, a reference to the 1996 Act means the Trade Marks Act, 1996 and a reference to the 1996 Rules means the Trade Marks Rules, 1996.*

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## Application for Registration of marks published under Section 43(1) of the 1996 Act following acceptance

Notice is hereby given that Applications for the Registration of the undermentioned trade marks have been accepted.

Any person who desires to oppose the registration of these trade marks may within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the Applicant affording him an opportunity to withdraw his application for registration. In this way cost of opposition proceedings may be avoided.

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**YEZTU**

**269856** 20 December 2023

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Co. Cork. T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39, Fitzwilliam Square, Dublin D02NX53, Ireland.

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**YEZTUGO**

**269857** 20 December 2023

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Co. Cork. T45 DP77, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39, Fitzwilliam Square, Dublin D02NX53, Ireland.

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**YEZTUO**

**269858** 20 December 2023

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Dublin D02NX53, Ireland. Address for service is c/o Patricia McGovern, c/o DFMG Solicitors LLP, 38/39, Fitzwilliam Square, Dublin D02NX53, Ireland.

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**YOLSTYCE**

**269859** 20 December 2023

Class 5. Pharmaceutical preparations.

Gilead Sciences Ireland UC, IDA Business & Technology Park, Carrigtohill, Dublin D02NX53, Ireland. Address for service is c/o Patricia McGovern,

c/o DFMG Solicitors LLP, 38/39, Fitzwilliam Square,  
Dublin D02NX53, Ireland.

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## SCHLOSSER TECHNIK

**269860** 22 December 2023

- Class 6. Ironmongery; items of metal hardware; window and door furniture; parts and fittings for all the aforesaid goods.
- Class 8. Hand tools and implements; locksmith's tools; parts and fittings for all the aforesaid goods.
- Class 20. Non-metallic window and door furniture; parts and fittings for all the aforesaid goods.

UAP Limited, Unit 1, Albert Close Trading Estate,  
Whitefield, Manchester M45 8EH, United Kingdom.  
Address for service is c/o Gerard Kelly, c/o Mason  
Hayes Curran, South Bank House, Barrow Street,  
Dublin 4, Ireland.

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## TRILBY

**269861** 22 December 2023

- Class 29. Edible oils and fats; flavoured edible oils; Linseed oils [edible]; rapeseed oil for food; palm oil for food; sunflower oil for food; olive oil; refined vegetable oils for food; peanut oil; soybean oil; corn oil.
- Class 35. Import services and wholesale services relating to edible oils and fats.

- Class 39. Distribution services; packaging and storage of goods; transportation and delivery of goods; each of the aforementioned services in relation to edible oils and fats.

Trilby Trading Limited, Boyne House, Boyne  
Business Park, Greenhills, Drogheda, Louth  
A92H524, Ireland. Address for service is c/o William  
Fry LLP, 2 Grand Canal Square, Dublin 2 D02 A342,  
Ireland.



**269862** 22 December 2023

- Class 29. Edible oils and fats; flavoured edible oils; Linseed oils [edible]; rapeseed oil for food; palm oil for food; sunflower oil for food; olive oil; refined vegetable oils for food; peanut oil; soybean oil; corn oil.
- Class 35. Import services and wholesale services relating to edible oils and fats.
- Class 39. Distribution services; packaging and storage of goods; transportation and delivery of goods; each of the aforementioned services in relation to edible oils and fats.

Trilby Trading Limited, Boyne House, Boyne  
Business Park, Greenhills, Drogheda, Louth  
A92H524, Ireland. Address for service is c/o William  
Fry LLP, 2 Grand Canal Square, Dublin, Dublin 2  
D02 A342, Ireland.

The mark in use is/will be in the colour(s) Red and Navy

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## DAYLINE

**269863** 22 December 2023

- Class 3. Non-medicated skin care preparations; non-medicated oral care preparations; oral hygiene preparations; cosmetics.
- Class 5. Pharmaceutical products and medicines for human use; medicated skin care preparations; medicated oral care preparations; nutritional supplements; dietetic supplements; vitamins.
- Class 10. Surgical apparatus and instruments; medical apparatus for the delivery and release of pharmaceuticals; medical devices for non-surgical cosmetic skin treatments; lasers for the medical and cosmetic treatment of the face and skin; radiofrequency apparatus for the medical and cosmetic treatment of the face and skin; electromagnetic wave therapeutic instruments; liposuction apparatus; apparatus for the treatment of cellulite; medical apparatus and instruments for body toning and body shaping.
- Class 42. Pharmaceutical research and development; conducting clinical trials for pharmaceutical products; testing of pharmaceuticals; providing medical and scientific research information on the field of pharmaceuticals and clinical trials; conducting early evaluations in the field of new pharmaceuticals; pharmaceutical drug delivery system development services; product research and development in the field of

beauty, wellness, and health care products.

- Class 44. Providing medical and health information and treatment support programs to consumers and healthcare professionals regarding pharmaceutical products; medical services, namely, providing educational information regarding prescription drugs and disease treatment; providing medical and health information and treatment support programs to consumers and healthcare professionals regarding medical aesthetics treatments and procedures; providing medical and health information to consumers and healthcare professionals regarding dental treatment, dental hygiene, and oral health; providing information in the fields of health, and wellness; non-invasive cosmetic medical services; aesthetic and therapeutic skin and body treatment services; laser skin rejuvenation service; laser skin tightening service.

Bausch Health Ireland Limited, 3013 Lake Drive, Citywest Business Campus, Dublin 24, Ireland. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

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**269864** 22 December 2023

Class 41. Sports and fitness.

Rohit Sharma, 25, The Charter Santry Cross, Dublin 11 D11 PF74, Ireland. Address for service is c/o Rohit Sharma, 25, The Charter, Santry Cross, Dublin 11 D11 PF74, Ireland.

The mark in use is/will be in the colour(s) white, black and brown.

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## My Feeding Pal

**269865** 22 April 2023

Class 10. Baby Bottles; Nipples for baby bottles; Pacifiers; Teething Rings; Nipples for silicone baby feeder.

Eimear Fahy, 56 The Avenue, Scholarstown Wood, Dublin D16YK46, Ireland. Address for service is c/o Eimear Fahy, 56 The Avenue, Scholarstown Wood, Dublin D16YK46, Ireland.

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## My Feeding Plate

**269866** 22 April 2023

Class 8. Cutlery, forks [cutlery]; spreaders [cutlery]; spreaders being cutlery; hand operated cutlery; cutlery for use by babies; cutlery for use by children; table cutlery [knives, forks and spoons].

Class 21. Bowls, suction bowls; cups; silicone cups; plastic cups; silicone cups; sip cups; drinking cups; cup lids; silicone baking cups; training cups for infants; feeding cups for children; training cups for babies; cups made of plastic; training cups for babies and children; feeding cups; not for medical purposes; vinyl placemats; silicone placemats; tablemats; not of paper of texture; baking mats; plastic placemats; reusable silicone food covers; kitchen utensils of silicone; feeding bottle brushes.

Eimear Fahy, 56 The Avenue, Scholarstown Wood, Dublin D16YK46, Ireland. Address for service is c/o Eimear Fahy, 56 The Avenue, Scholarstown Wood, Dublin D16YK46, Ireland.

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## LYNX JUNGLE FRESH

**269867** 25 July 2023

Class 3. Deodorants and antiperspirants for personal use; bath and shower products.

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Unilever Global IP Limited, Port Sunlight, Wirral, Merseyside CH62 4ZD, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

The application is proceeding with the consent of the Proprietors of EUTM 000983478.



**269868** 27 October 2023

Class 29. Burgers.

Moya Kelly, Ashfield Bridge, Broadford, Kildare W91KA97, Ireland. Address for service is c/o Moya Kelly, Ashfield Bridge, Broadford, Kildare W91KA97, Ireland.

The mark in use is/will be in the colour(s) Black text on a white background, with green, white and orange as in image above

## CHEZ MICHEL

**269869** 30 June 2023

Class 33. Alcoholic beverages (except beers); wine; rose wine; white wine; red wine; sparkling wine

MARKS AND SPENCER P.L.C., Waterside House, 35 North Wharf Road, London W2 1NW, United Kingdom. Address for service is c/o Stobbs Ireland Limited, Suite 308, The Merrion Buildings, 18-20 Merrion Street Upper, Dublin D02 XH98, Ireland.

## Tubridy Transitions and Transformation

**269870** 20 December 2023

Class 35. Business project management; Business project management services; Management of business projects [for others].

Alec Tubridy, 11 Ardcarraig, Kinsale, Co. Cork P17 YX66, Ireland. Address for service is c/o Alec Tubridy, 34 O'Loughlin Road, Kilkenny R95 DE9W, Ireland.

## Smithfield Stout

**269871** 21 December 2023

Class 32. Beers; non-alcoholic beverages; mineral and aerated waters; fruit beverages and fruit juices; syrups and other non-alcoholic preparations for making beverages.

Class 33. Alcoholic beverages, except beers; alcoholic preparations for making beverages.

Barrelhead Brewery Ltd, 40 - 42 Bow St, Smithfield, Dublin 7 D07X304, Ireland. Address for service is c/o

Barrelhead Brewery Ltd, 40 - 42 Bow St, Smithfield, Dublin 7 D07X304, Ireland.

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## BERNS BRETT

**269872** 21 December 2023

Class 36. Insurance services; insurance broking; insurance underwriting; financial services.

Priority Date Claimed: 13 July 2023 United Kingdom

Jensten Holdings Limited, Coversure House Vantage Park, Washingley Road, Huntingdon, Cambridgeshire PE29 6SR, United Kingdom. Address for service is c/o Ciara Browne, Mason Hayes & Curran LLP, South Bank House, Barrow Street, Dublin 4 D04 TR29, Ireland.



**269873** 21 December 2023

Class 30. Tea; coffee; cocoa; chocolate; tea products; instant tea; scented tea; herbal tea; fruit

tea; blends and derivatives of tea; tea based beverages; iced tea; tea infusions; herbal infusions; non-medicinal infusions; aromatic preparations for making non-medicated infusions.

Class 32. Mineral waters and aerated waters; non-alcoholic beverages; soft drinks; soft drinks containing herbs and fruit; fruit juices.

R. Twining and Company Limited, Weston Centre, 10 Grosvenor Street, London W1K 4QY, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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## Callah Crowns

**269874** 16 December 2023

Class 24. Towels.

Class 44. Hairdressing.

Stephanie Nwambu, 6 Summerseat Court, Mainstreet Clonee, Dublin D15V8CE, Ireland. Address for service is c/o Stephanie Nwambu, 6 Summerseat Court, Mainstreet Clonee, Dublin D15V8CE, Ireland.

The mark in use is/will be in the colour white

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## iTremor

**269875** 08 December 2023

Class 10. Surgical, medical, dental and veterinary apparatus and

instruments; medical devices; medical diagnostic instruments; medical apparatus, equipment and instruments used in the evaluation and diagnosis of diseases, disorders and injuries of the brain; medical apparatus, equipment and instruments used in the evaluation and diagnosis of stroke, traumatic brain injury (concussion), Parkinson's disease and other associated movement disorders, multiple sclerosis, Alzheimer's disease, pain management, stress management, rare diseases and ADHD; parts and fittings for the aforesaid goods.

Class 42. Scientific and technological services and research and design relating thereto; medical research and development services; industrial analysis and research services; design services; Software as a Service [SaaS]; Platform as a Service [PaaS]; computer software and hardware design and development; computer software and hardware design and development in the field of medicine, medical devices; computer software and hardware design and development in the field of diseases, disorders and injuries of the brain; computer software and hardware design and development for use with medical devices; computer software and hardware design and development for receiving, processing, transmitting and displaying patient data; data-as-a-service (DaaS) services featuring software for collection, aggregation, storage, management, distribution, transmission, and visualization of health-related data; platform as a service (PaaS) featuring a computer software platform in the field

of medicine and healthcare, including diseases, disorders and injuries of the brain, for patient communication, patient care, collection of patient related health data, care coordination and care management and remote patient monitoring, engagement and diagnosis; providing temporary use of on-line non-downloadable Software as a Medical Device (SaMD) used as a diagnostic tool for identification, detection and screening of adverse health events, health trends and complex health conditions; technological consulting services in the field of medicine, medical devices and health care technology.

Head Diagnostics Ltd, 7 Cabinteely Close, Dublin 18, Cabinteely, Dublin D18 C2C0, Ireland. Address for service is c/o HGF IP Limited, Suite 415, The Guinness Enterprise Centre (GEC), Taylor's Lane, Dublin D8, Ireland.

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## ALNERVE

**269876** 22 December 2023

Class 10. Medical implant comprising artificial material in the nature of medical sheets for use in regenerative medicine and in the treatment and repair of nerve injuries.

Mochida Pharmaceutical Co., Ltd., 1-7, Yotsuya Shinjuku-ku, 160-8515 Tokyo, Japan. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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## TRUCK LOCATOR

269877 25 September 2023

- Class 9. Downloadable electronic publications.
- Class 16. Printed matter; printed publications; magazines, journals, leaflets, brochures, pamphlets, newsletters, directories, newspapers, books, reference books, promotional pamphlets, annuals and periodical publications; instructional manuals and materials.
- Class 35. Advertising services; Advertising of the goods of other vendors, enabling customers to conveniently view and compare the goods of those vendors; Advertising the goods and services of other vendors via a searchable online guide; Online information services relating to the rental and sale of advertising space; Providing searchable online advertising listings; Providing online commercial directory information services; Price comparison services; sales promotion for others; Providing consumer product and service information; Compilation and dissemination of business directories and consumer listings; Computer database management services; Provision of commercial business information by means of a computer database; Compilation and input of information into computer databases; Providing commercial information and advice for consumers; Providing a directory of third party web sites to facilitate business

transactions; Compilation of directories for publication on the internet; Inventory management; Inventory control; Compilation of lists of prospective customers; Subscriptions to electronic journals; Subscriptions to telecommunications database services; Preparation of mailing lists for direct mail advertising services [other than selling]; Providing advertising space in periodicals, newspapers and magazines.

SANDHILLS EAST LIMITED, 3rd Floor, 1 Ashley Road, Altrincham, Cheshire WA14 2DT, United Kingdom. Address for service is c/o MACLACHLAN & DONALDSON (IRELAND) LIMITED, trading as MACLACHLAN & DONALDSON, Unit 10, 4075 Kingswood Road, Citywest Business Campus, Dublin 24 D24 C56E, Ireland.

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## Nervelead

269878 22 December 2023

- Class 10. Medical implant comprising artificial material in the nature of medical sheets for use in regenerative medicine and in the treatment and repair of nerve injuries.

Mochida Pharmaceutical Co., Ltd., 1-7, Yotsuya Shinjuku-ku, 160-8515 Tokyo, Japan. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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## Dunleer Dun Leire

**269879** 21 September 2023

Class 32. Beer-based cocktails.

Class 33. Spirits.

Fairy Trees Winery Ltd, Sliabh Dubh Castle Lane, Salterstown, Dunleer Louth A92P2N1, Ireland. Address for service is c/o Fairy Trees Winery Ltd, c/o Bertrand Laclie, Sliabh Dubh Castle Lane, Salterstown, Dunleer, Louth A92P2N1, Ireland.

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## NeuroBorn

**269880** 22 December 2023

Class 10. Medical implant comprising artificial material in the nature of medical sheets for use in regenerative medicine and in the treatment and repair of nerve injuries.

Mochida Pharmaceutical Co., Ltd., 1-7, Yotsuya Shinjuku-ku, 160-8515 Tokyo, Japan. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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## Men's Fitness ActiveMag2Day

**269881** 29 December 2023

Class 41. Sports training; Sports activities; Sports coaching; Training in sports; Instruction in sports; Newspaper publication; Electronic publication; Publication of magazines; Publication of

newspapers; Publication of journals; Theatre and concert tickets reservation services; Booking agency services for theatre tickets; Reservation services for concert and theatre tickets; Booking of seats for shows and booking of theatre tickets.

Rodrigo Silva, Casa Nova da Cruz Caixa Postal 5531, São Teotónio, Portugal. Address for service is c/o Rodrigo Silva, Casa Nova da Cruz Caixa Postal 5531, São Teotónio, Portugal.

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## 3rdagesolutions

**269882** 29 December 2023

Class 36. Pension planning.

Class 41. Coaching.

Class 45. Mediation services.

Gearoid Browne, 20 John Dillon Street, Dublin D08 F7 Y2, Ireland. Address for service is c/o Gearoid Browne, 20 John Dillon Street, Dublin D08 F7 Y2, Ireland.

The mark in use is/will be in the colour(s) black

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## Sláinte Sea Moss

**269883** 16 August 2023

Class 3. Non-medicated skincare preparations; Organic cosmetics.

Class 5. Food supplements.

J & J Export Ventures Limited, 122 Scelig Ard, Headford Road, Galway City H91FA3X, Ireland. Address for service is c/o FR Kelly, 27 Clyde Road, Dublin, Dublin DO4 F838, Ireland.

1.1:



2.1:



Application is for a Series of 2 Trade Marks.

269884 28 September 2023

Class 35. Financial marketing; marketing; tax planning [accountancy], taxation planning [accountancy]; auctioneering services; arranging and conducting auction sales; business management services; business administration services; business assistance services; business promotion; business risk management services; advertising; provision of online financial services comparisons; provision of online insurance services comparisons; price analysis services; price comparison services; providing consumer product information; providing a directory of third party web sites to facilitate business transactions; preparation of business reports, writing of business reports; sales promotion; dissemination of advertising material and data

retrieval services; goods and services price quotations; on-line data processing services; compilation, analysis, retrieval of information and data relating to the insurance industry for the purpose of marketing, business development and for maintaining records of insurance customers; advisory, consultancy and information services relating to all the aforesaid.

Class 36. Financial services; financial services relating to insurance, life assurance, and/or funeral planning; financial affairs; financial affairs relating to insurance, life assurance, and/or funeral planning; monetary affairs; monetary affairs relating to insurance, life assurance, and/or funeral planning; provision of financial information; provision of financial information relating to insurance, life assurance, and/or funeral planning; provision of information in respect of financial services relating to insurance, life assurance, and/or funeral planning; insurance services; arranging of insurance; insurance administration; insurance agency services; accident insurance; life insurance services; life insurance agencies; providing insurance information; providing insurance premium quotations; life assurance services; life assurance agencies; computerised financial information services, relating to insurance and funeral planning; computerised information services relating to insurance; financial services relating to insurance; underwriting; brokerage; mortgage protection policies; payment protection policies; mortgage protection policies;

- information, advisory and consultancy services relating to all the aforesaid.
- Class 38. Provision of access to content, websites, webpages, platforms and/or portals; provision of access to data via the Internet; provision of access to databases; provision of access to data in computer networks; provision of data links; provision of on-line communications services; provision of on-line forums; information, advisory and consultancy services relating to all the aforesaid.

Neilson Financial Services Ltd, 2 Windsor Dials, Arthur Road, Windsor SL4 1RS, United Kingdom. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

The first mark in the series in use is/will be in the colours blue, black, white; The second mark in the series in use is/will be in the colours grey, black, white

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269885 12 July 2023

- Class 35. Business investigations; Advisory services for business management; Office functions; Administrative assistance in responding to calls for tenders; Administrative assistance in responding to requests for proposals [RFPs]; Administrative processing of purchase orders; Business intermediary services relating to the matching of potential private investors with entrepreneurs needing

funding; Marketing; Outsourced administrative management for companies; Outsourcing services [business assistance]; Business research; Providing commercial information and advice for consumers in the choice of products and services; Cost price analysis; Marketing research; Business management analysis; Business consultancy services. All aforementioned services related to the aviation sector.

- Class 36. Financial investment; Investment analysis; Brokerage; Business liquidation services, financial; Financial analysis; Financial appraisals in responding to calls for tenders; Financial consultancy; Financial management; Financial research; Financing services; Providing financial information; Hire-purchase financing; Lease-purchase financing; Debt advisory services; Investment of funds; Consultancy of capital investment; Administration of insurance plans; Financial appraisals in responding to requests for proposals [RFPs]. all aforementioned services related to the aviation sector.

- Class 37. Machinery installation, maintenance and repair; Maintenance of vehicles; Vehicle service stations [refuelling and maintenance]; Providing information relating to the repair or maintenance of aircraft.

- Class 39. Aircraft charter brokerage; Airplane rental; Leasing of aircraft; Rental of aircraft engines; Vehicle rental; Aircraft chartering.

Clover Aviation Capital Company Limited, FLAT/RM 5201-5206, 52/F INTERNATIONAL COMMERCE CENTRE, 1 AUSTIN ROAD, Kowloon, THE HONG KONG SPECIAL ADMINISTRATIVE REGION OF THE PEOPLE'S



REPUBLIC OF CHINA. Address for service is c/o Trama Legal s.r.o., Bottova 2A, 811 09 Bratislava, Slovakia.

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## Duraboard

**269886** 30 June 2023

Class 40. Custom assembling of materials for others.

Barna Buildings Designated Activity Company, Ballydowling, Glenealy, Wicklow, Ireland. Address for service is c/o Barna Buildings Designated Activity Company, C/O Rebecca Joyce, 7 Wentworth Place, Wicklow Town, Wicklow, Ireland.

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## HAPPY PEACHES

**269887** 22 December 2023

Class 30. Confectionery.

Dunhills (Pontefract) PLC, PO Box No. 1, Pontefract, West Yorkshire WF8 1NJ, United Kingdom. Address for service is c/o Hayes solicitors LLP, Lavery House, Earlsfort Terrace, Dublin, Ireland.



**269888** 08 January 2024

Class 41. Training in martial arts.

James Farrell, 5 The Nurseries, Swords, Dublin K67AX67, Ireland. Address for service is c/o James Farrell, 5 The Nurseries, Swords, Dublin K67AX67, Ireland.

The mark in use is/will be in the colour(s) black & white

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## Sportsden

## Sports Den

Application is for a Series of 2 Trade Marks.

**269889** 05 January 2024

Class 28. Sports equipment.

C.B Clarke LTD, 39 Trimgate St, Navan Meath C15XV99, Ireland. Address for service is c/o C.B Clarke LTD, C/O Simon Clarke, 39 Trimgate St, Navan Meath C15XV99, Ireland.

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**269890** 10 January 2024

- Class 5. Dietary supplements for animals; Mineral dietary supplements for animals; Nutritional additives to foodstuffs for animals, for medical purposes; Feeding stimulants for animals; Nutritional supplements for livestock feed.
- Class 31. Animal feedstuffs; Animal feed preparations; Formula animal feed; Mixed animal feed; Synthetic animal feed; Animal foodstuffs for the weaning of animals; Animal foodstuffs derived from vegetable matter; Animal foodstuffs derived from hay; Animal foodstuffs in the form of pellets; Animal foodstuffs in the form of nuts; Feedingstuffs for animals; Agricultural seeds; Seeds (Plant -); Grains [seeds]; Seeds prepared for consumption by animals; Cattle feed; Animal fattening preparations; Fattening preparations (Animal -); Livestock fattening preparations; Mash for fattening livestock.
- Class 44. Advice relating to the feeding of animals; Agricultural services; Agricultural consultancy; Agricultural advice; Agricultural advisory services.

Lisavaid Cooperative Creamery Limited, Lisavaid, Clonakilty, Cork P85 AT89, Ireland. Address for service is c/o David Reilly, Bank House, Kent Street, Clonakilty, Clonakilty P85 X922, Ireland.

The mark in use is/will be in the colour(s) Black and Green

## Beour

**269891** 01 January 2024

- Class 42. Designing; Fashion design; Graphic design; Product design; Design services; Hat design; Visual design; Design consultation; Design consultancy; Graphic designing; Design of clothing; Commercial design services; Art work design; Graphic art design; Graphic illustration design; Design of artwork; Product design services; Graphic design services; Design of products; Design of headgear; Design of sculptures; Consumer product design; Clothing design services; Retail design services; Brand design services; Design of cars; Commercial art design; Custom design services; Textile design services; Design of textiles; Logo design services; Design of prototypes; Graphic arts design; Graphic arts designing; Designing of clothing; Design services for clothing.

Sam Kiernan, Exchange Gardens, London, London SW8 1BP, United Kingdom. Address for service is

c/o Sam Kiernan, Touchstone, The Demesne, Adare Manor, Limerick V94 PN0F, Ireland.

retention, release and drainage of ground water, or the collection, filtration, (re)use and infiltration or attenuation of ground water.

Priority Date Claimed: 07 December 2022 United Kingdom

Kalsi Plastics (UK) Limited, Kalsi House, 5 Tomey Road, Tyseley, Birmingham B11 2NJ, United Kingdom. Address for service is c/o Anne Ryan & Co, 2 Crofton Terrace, Dun Laoghaire, Co. Dublin, A96 V6P7, Ireland.

# AQUACEL

## Aquacel

Application is for a Series of 2 Trade Marks.

**269892** 15 May 2023

Class 19. Non-metallic building materials; brackets; clips, socket plugs and couplers; bosses; corrugated roofing materials; plastics roofing materials; plastics roofing supports, connectors and accessories; cresting and finials; decorative plastics cladding materials for internal use in the building construction; plastics wall/ceiling cladding for internal use in building construction; soffits; plastics fascia boards for internal use in building construction; architraves; non-metallic(including plastics) roofline and cladding products for building; non-metallic (including plastics) cladding profiles; non-metallic (including plastics) building materials for roofing and roofline use, including fascias, soffits, bargeboards, dry verges and cladding; non-metallic (including plastics) boards for construction purposes; non-metallic (including plastics) window boards; plastics sheeting for construction purposes; parts and fittings for all the aforesaid goods; none of the aforesaid being for the

# PROOFPOINT

**269893** 02 January 2024

Class 9. Computer software for searching, detecting, blocking, filtering, tagging, compiling, indexing, analyzing, and reporting on information over and in information networks, global information networks, individual workstations, personal computers, software, e-mail, and workgroup communications; Downloadable software for use in the field of cybersecurity, namely, providing tools for IT risk management, and threat identification and protection.

Class 42. Computer services, namely, providing design, implementation, and application service provider services featuring application programming interface (API) software for interfaces for customized searching, detecting, blocking, filtering, tagging, compiling, indexing, analyzing information, and reporting on information over and in information networks,

global information networks, individual workstations, personal computers, software, e-mail, and work group communications; Providing online non-downloadable software for use in the field of cybersecurity for assisting in IT risk management, and threat identification and protection.

Proofpoint, Inc., 925 W. Maude Ave., Sunnyvale, California 94085, United States of America. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

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## COPILLOT

**269894** 02 January 2024

Class 9. Scientific, research, surveying, photographic, cinematographic, audio visual, optical, weighing, measuring, signalling, detecting, testing, inspecting, life-saving and teaching apparatus and instruments; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling the distribution or use of electricity; apparatus and instruments for recording, transmitting, reproducing or processing sound, images or data; recorded and downloadable media; computer software; blank digital or analogue recording and storage media; mechanisms for coin-operated apparatus; cash registers, calculating devices; computers; computer hardware; computer peripheral devices; diving

suits, divers' masks, ear plugs for divers, nose clips for divers and swimmers, gloves for divers, breathing apparatus for underwater swimming; fire-extinguishing apparatus.

Class 14. Precious metals and their alloys; jewellery, precious and semi-precious stones; horological and chronometric instruments.

Class 42. Scientific and technological services and research and design relating thereto; industrial analysis, industrial research and industrial design services; quality control and authentication services; software as a service; design and development of computer hardware and software.

Enhance Production Limited, Dept 3805a, 43 Owston Road, Carcroft, Doncaster DN6 8DA, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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## PROOFPOINT SIGMA

**269895** 02 January 2024

Class 9. Downloadable software for use in the field of cybersecurity, namely, providing tools for IT risk management, and threat identification and protection.

Class 42. Providing online non-downloadable software for use in the field of cybersecurity for assisting in IT risk management, and threat identification and protection.

Proofpoint, Inc., 925 W. Maude Ave., Sunnyvale, California 94085, United States of America. Address

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for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

JJ Corry Irish whiskey, JJ CORRY IRISH WHISKEY, THE SAFE HOUSE, Kilrush V15 ED23, Ireland. Address for service is c/o JJ Corry Irish Whiskey, C/O Dominic McCarthy, JJ Corry Irish Whiskey, Cooraclare, Kilrush Co Clare V15 ED 32, Ireland.



269896 17 October 2023

Class 29. Meat; Meats; Fresh meat; Sausage meat; Minced meat; Preserved meat; Processed meat; Cured meats; Salted meats; Processed meat products.

Davide Masi, 7 Beau Park Row, Clongriffin, Ireland. Address for service is c/o Davide Masi, 7 Beau Park Row, Dublin 13 D13 H7R9, Ireland.

### Bonder's Edition

### Bottling Each Adventure

269897 28 September 2023

Class 33. Spirits; Distilled spirits; Whiskey [whisky]; Whiskey.  
Class 40. Spirits distillery services.

1.1:



2.1:



3.1:



Application is for a Series of 3 Trade Marks.

269898 13 September 2023

Class 35. Advertising; Business Management; Business administration; Office Functions.

Brightsun Travel, Core B, Block 71, The Plaza, Park West, Dublin D12Y4C0, Ireland. Address for service is c/o Brightsun Travel, Core B, Block 71, The Plaza, Park West, Dublin D12Y4C0, Ireland.

The first mark in the series is/will be in the colour(s) White, Maroon : CMYK C35 M100 Y100 K35, RGB R128 G48 B49, Hex #803031, Orange: CMYK C0 M60 Y100 K0, RGB R249 G161 B50, Hex #F9A132. The second mark in the series is/will be in the colour(s) White, Maroon : CMYK C35 M100 Y100 K35, RGB R128 G48 B49, Hex #803031, Orange: CMYK C0 M60 Y100 K0, RGB R249 G161 B50, Hex #F9A132. The third mark in the series is/will be in the colour(s) White and Maroon: CMYK C35 M100 Y100 K35, RGB R128 G48 B49, Hex #803031.

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**Pembr**

**269899** 30 June 2023

Class 35. Office management services; business administration for managed offices; providing office-share services; providing co-working facilities equipped with private offices, office equipment, mailroom, printing centre, receptionist, kitchen, meeting rooms, telecommunications equipment and services and other office amenities; rental of office machines and equipment; secretarial services; photocopying, telephone answering, typing, word processing and shorthand secretarial services; clerical services; document reproduction and shredding services.

Class 36. Rental, brokerage, leasing and management of commercial property, offices and office space; real estate affairs; rental of property; management, brokerage, leasing and appraisal of real estate; arranging leases for the rental of property; provision of serviced and managed offices.

Class 43. Provision of facilities for meetings, conferences, seminars and exhibitions; rental of temporary accommodation.

Pembroke Hall Limited, 38-39 Fitwilliam Square, Dublin 2, Ireland. Address for service is c/o Barry Purdy, PurdyLucey Intellectual Property, 6-7 Harcourt Terrace, Dublin 2 D02 FH73, Ireland.

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**webhero**

**269900** 05 January 2024

Class 42. Website design; Design, creation and programming of web pages; Creating, designing and maintaining web sites; Website development services; Software as a service [SaaS]; Providing temporary use of online non-downloadable software; Hosting computer websites; Web portal design; Website design consultancy; IT consultancy, advisory and information services; IT services.

Webhero LTD, Office 1A Howley Sq, Main St, Oranmore, Galway H91Y0TK, Ireland. Address for service is c/o Trama Legal s.r.o., Bottova 2A, 811 09 Bratislava, Slovakia.



**269901** 05 January 2024

Class 3. Cosmetics for eye-brows; Cosmetics; Eyebrow colors; Eyebrow cosmetics; False eyebrows; Adhesives for affixing false eyebrows; Cosmetic preparations for skin care; Facial peel preparations for cosmetic use; Eyebrow pencils; Eye make-up.

Kelleyduffmakeup Ltd, Unit 55a Killelland Street, Ashbourne A84P522, Ireland. Address for service is c/o Trama Legal s.r.o., Bottova 2A, 811 09 Bratislava, Slovakia.

## OCU EVOLUTION

**269902** 08 June 2023

Class 9. Charging stations for electric vehicles; apparatus, instruments and cables for controlling electricity; apparatus and equipment for supplying electricity to

electric vehicles' battery charging equipment; battery charging devices for motor vehicles; batteries for vehicles; batteries for electric vehicles; electricity distribution apparatus and instruments; electric power distribution apparatus; electric power supply units; electricity metering apparatus; electricity terminals; apparatus and instruments for regulating or controlling electricity; electricity measuring equipment; radio-frequency identification (RFID) tags; radio-frequency identification (RFID) readers for use in relation to electric vehicle charging; encoded cards for use in relation to electric vehicle charging; smart cards for use in relation to electric vehicle charging; apparatus for reading encoded cards and smart cards for use in relation to electric vehicle charging; card readers for use in relation to electric vehicle charging; software for use in remote meter monitoring and reading relating to electric vehicle charging; software to identify demand for charging station maintenance; software to identify and diagnose faults in charging stations; software to correct and remedy faults in charging stations; software to provide electric load balancing; computer hardware and communications servers for monitoring and managing electrical charging stations and networks; meters for electrical monitoring; computer hardware and software for charging EV batteries; communications hardware and software for monitoring and managing electrical charging stations and networks; computer hardware and software for monitoring, optimising and regulating the storage,

- transmission and discharge of energy to or from an electric battery system; computer hardware and software for processing financial payments for electricity; computer software applications for mobile phones relating to electric vehicle charging; parts and fittings for the aforesaid.
- Class 12. Apparatus for locomotion by land, air or water; vehicles; automotive vehicles; vehicles for use on land; electric vehicles; electrically operated vehicles; electrically powered vehicles; electrically powered motor vehicles; electrically powered land vehicles; electric drives for vehicles; parts and fittings for vehicles, in particular for electric vehicles.
- Class 37. Installation, maintenance, servicing and repair of charging stations for electric vehicles, apparatus and equipment for supplying electricity to electric vehicles, battery charging equipment, battery charging devices for motor vehicles, batteries for vehicles, electricity distribution apparatus and instruments, electric power distribution apparatus, electric power supply units, electricity metering apparatus, electricity terminals, apparatus and instruments for regulating or controlling electricity, electricity measuring equipment, radio-frequency identification (RFID) tags, radio-frequency identification (RFID) readers, apparatus for reading encoded cards and smart cards, card readers; maintenance and repair of electric vehicles; battery charging service for motor vehicles; recharging of batteries and accumulators; information, advisory and consultancy services for all the aforesaid.
- Class 39. Energy supply and distribution services; provision of charging station services for electric vehicles; operation of charging stations for electric cars; operation of electric stations used for transport purposes; electricity supply services; distribution and transmission of electricity; electricity storage; vehicle parking; car parking facilities; rental of parking places; car park services; traffic information; information, advisory and consultancy services for all the aforesaid.
- Class 40. Manufacture of charging stations
- Class 42. Installation, maintenance and repair and upgrading of computer software, and consultancy relating thereto, in relation to the storage, discharge, supply, transmission and stabilisation of electricity; integration of computer software in relation to the storage, discharge, supply, transmission and stabilisation of electricity; consultancy services in relation thereto; leasing in relation to computer software for the storage, discharge, supply, transmission and stabilisation of electricity; consultancy services relating to infrastructure planning in relation to electric vehicle and vehicle charging infrastructures, car parking infrastructures and business infrastructures; consultancy services relating to improving efficiency and eco-efficiency of energy supply and distribution, energy production and use; industrial analysis and research services relating to electric vehicles, vehicle charging stations, energy production, use, distribution and supply; installation, maintenance, servicing and repair of



software for use in remote meter monitoring and reading; installation, maintenance, servicing and repair of software for encoded cards and smart cards; design and development services relating to electric vehicles, vehicle charging stations, energy production, use, distribution and supply; design and development of computer hardware and software relating to vehicle charging; design and development of computer hardware and software relating to charging station maintenance, fault detection, diagnosis and correction; design and development of computer hardware and software relating to vehicle charging stations; design and development of computer hardware and software relating to energy production, use, distribution and supply; design and development of computer hardware and software relating to electric load balancing; information, advisory and consultancy services for all the aforesaid.

Priority Date Claimed: 07 June 2023 United Kingdom

OCU Group Limited, Artemis House, 6-8 Greek Street, Stockport, Cheshire SK3 8AB, United Kingdom. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

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## PROOFPOINT AEGIS

**269903** 02 January 2024

Class 9. Downloadable software for use in the field of cybersecurity, namely,

Class 42. Providing tools for IT risk management, and threat identification and protection. Providing online non-downloadable software for use in the field of cybersecurity for assisting in IT risk management, and threat identification and protection.

Proofpoint, Inc., 925 W. Maude Ave., Sunnyvale, California 94085, United States of America. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

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## XI'AN

**269904** 15 January 2024

Class 29. Meat, poultry, fish and seafood; prepared meals consisting wholly or substantially of meat, poultry, fish or seafood; burgers and patties of meat, poultry, fish or seafood; prepared fruits and vegetables; processed fruits and vegetables; cooked fruits and vegetables; preserved fruits and vegetables; dried fruits and vegetables; snack foods made from meat, poultry, fish, seafood, fruits or vegetables; fruit and vegetable extracts; extracts of meat, poultry, fish or seafood; drinks based on milk or yoghurt; fruit desserts; dairy desserts; fruit jellies.

Class 30. Noodles; rice; prepared meals consisting wholly or substantially of noodles or rice; burgers and patties sold in bread rolls; sauces; food flavourings; food seasonings; snack foods made from rice, cereals or flour; pies and

pastries containing meat, poultry, fish, seafood, fruits or vegetables; breads; cakes; biscuits; cookies; teas; coffees; beverages based on tea, coffee or chocolate; ice creams; prepared desserts, being pastries, confectionery or chocolate based; confectionery.

Class 43. Provision of food and drink; restaurant services; takeaway food services; bar services; café services; delicatessen services; catering services; preparation of foods; food and drink hospitality services; reservation and booking of restaurants; advisory, consultancy and information services relating to all of the aforesaid services.

Hitianland Limited, 9 Quay Street, Galway, Ireland.  
Address for service is c/o Sean Cummings, Keltie Limited, Galway Technology Centre, Mervue Business Park, Galway H91 X336, Ireland.

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## BRILLPHALAC

**269905** 15 January 2024

Class 5. Pharmaceuticals.

Priority Date Claimed: 31 July 2023 United Kingdom

Bristol Laboratories Limited, Unit 3 Canalside, North Bridge Road, Berkhamsted, Hertfordshire HP4 1EG, United Kingdom. Address for service is c/o TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland.

## SeaMatrix Nerve

**269906** 22 December 2023

Class 10. Medical implant comprising artificial material in the nature of medical sheets for use in regenerative medicine and in the treatment and repair of nerve injuries.

Mochida Pharmaceutical Co., Ltd., 1-7, Yotsuya Shinjuku-ku, 160-8515 Tokyo, Japan. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.



**269907** 23 December 2023

Class 25. Clothing.

Ben Colgan, 9 Glendale Dr, Bray A98 Y5Y3, Ireland.  
Address for service is c/o Ben Colgan, 9 Glendale Dr, Bray A98 Y5Y3, Ireland.

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**269908** 31 December 2023

Class 16. Books.  
Class 41. Publishing of books.

Colm Padraig Dooney, Castleishon, Tullylease, Charleville, Cork P56 PV05, Ireland. Address for service is c/o Colm Padraig Dooney, Castleishon, Tullylease, Charleville, Cork P56 PV05, Ireland.



**269909** 09 August 2023

Class 9. Downloadable mobile software.  
Class 41. Provision of online publications to provide accessible educational support to patients with type 2 diabetes (T2D) with, or at risk of, chronic kidney disease (CKD).  
Class 44. Medical Services.

Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, 51373, Leverkusen, Germany. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

**WarmPlus**

**269910** 16 May 2023

Class 25. Clothing, footwear, headgear; sports clothing; sportswear; coats; jackets; gilets; sleepwear; pyjamas; dressing gowns; night gowns; vests; socks; underwear; tights; t-shirts; thermal clothing; thermal tops; thermal leggings.

Priority Date Claimed: 17 February 2023 United Kingdom

Tesco Stores Limited, Tesco House, Shire Park, Kestrel Way, Welwyn Garden City AL71GA, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.



**269911** 03 November 2023

Class 41. Education and Training Conference - Education & Training.

MindPieces Limited, 12 Lissadel Drive, Drimnagh, Dublin 12, Ireland. Address for service is c/o MindPieces Limited, C/O Robert Brunel, 12 Lissadel Drive, Drimnagh, Dublin 12, Ireland.

**myLimitless**  
**MYLIMITLESS**  
**myLIMITLESS**

Application is for a Series of 3 Trade Marks.

**269912** 30 November 2020

Class 9. Motion picture films; cinematographic films; recorded films prepared for exhibition; recorded films and programmes prepared for television and cinema; cinematographic apparatus and instruments; video and data recordings and carriers, including video tapes and DVDs none of the aforesaid being recordings of music videos or recordings of music concerts; video content other than music videos, audio content other than music, images and graphics provided by a telecommunications network, by on-line delivery and by way of the Internet and/or the world-wide web or other communications networks; wired and wireless network devices for use in downloading to wireless and hand held devices and mobile telephones; prerecorded films incorporated into discs, DVDs, CDs, UMD (Universal Media Disc), laser discs, video tapes and cassettes; apparatus for the storage, reproduction, transmission or projection of sound and/or images; film projectors and digital projectors; video recordings other than music videos in electronic form downloadable from the Internet; publications in electronic form other than those relating exclusively to

music or to musical recording artists, supplied on-line from computer databases, from the Internet (including web sites) or any other communications network; computer software; computer software for seat reservation and ticketing; automated ticket printing and seat reservation apparatus; computer software and computer programs for distribution to, and for use by, viewers of a digital television channel for the viewing and purchase of motion pictures; electronic and computerised video games; interactive software and associated hardware featuring entertainment; electronic publications recorded on computer media other than those relating exclusively to music or to musical recording artists; stereoscopic viewers; bank cards, credit cards, cheque cards, cash cards, encoded loyalty cards, cards bearing magnetic data media, prepaid credit cards and debit cards, all containing machine readable data; smart cards; credit cards; debit cards; bank cards; cash cards; cheque cards; parts and fittings for all of the aforesaid goods.

Class 16. Printed matter; posters; advertising posters; printed programmes; leaflets; printed publications and materials other than those relating exclusively to music or to musical recording artists; printed membership certificates; paper loyalty cards; brochures, books, newsletters, photographs, other than those relating exclusively to music or to musical recording artists; stationery; gift vouchers; envelopes; wrapping paper; paper; book bindings; magazines other than those relating exclusively to music or to musical recording artists;

- magazines relating to film and video; booklets; manuals; printed advertising material; instructional and teaching material (except apparatus); calendars.
- Class 35. Advertising and promotional services; rental of advertising space; marketing display services for merchandising; advertising via the Internet; organisation, operation and supervision of incentive and loyalty schemes and of sales and promotional incentive schemes; production of screen advertising; business management of cinemas; advertising services relating to the recruitment of personnel; retail store services and on-line retail services connected with the sale of movies, films, motion pictures, pre-recorded video cassettes, DVDs, laser discs, UMDs (Universal Media Disc), and electronic and computerised video games, interactive software and associated hardware featuring entertainment; retail store services and on-line retail services connected with the sale of beauty products, toiletries, machines for household use, hand tools, cameras, domestic electrical and electronic equipment, including white goods, stationery, publications, household containers and utensils, furnishings, textiles, haberdashery, toys and games, sports equipment, foodstuffs and drinks; rental of vending machines; consultancy, information and advisory services relating to all of the aforesaid.
- Class 41. Entertainment services; cinema services; distribution (other than transportation) of films; production, distribution, showing, leasing and rental of motion picture films, videos (other than music videos) and television programmes;
- artistic management and running of cinemas: showing of motion pictures, films, and other cultural and sporting events; showing of concerts in cinemas; providing cinema facilities; services for the organising of games, competitions and quizzes; organisation of bingo games; services for the provision of entertainment in the form of shows or cabaret; theatre, entertainer, nightclub, ballroom, discotheque, entertainment complex, amusement arcade services; club entertainment services; information relating to entertainment provided on-line from a computer database or via the Internet; rental services and on-line rental services of movies, films, motion pictures, DVDs, laser discs, UMDs, video cassettes, electronic books, electronic and computerised video games, interactive software and associated hardware featuring visual entertainment services for the provision of video or games on demand; production and distribution services in the field of visual recordings and entertainment; providing on-line electronic publications (not downloadable) other than those relating exclusively to music or to musical recording artists; information services relating to entertainment and events provided online from a computer database, from the Internet or any other communications network other than information services relating exclusively to music or to musical recording artists; funfair and theme park services; providing recreation facilities, providing games areas; providing computer games areas; arranging and conducting of conferences or

seminars; arranging exhibitions or festivals; educational services; education relating to cinema; provision of training; ticket reservation services relating to entertainment; gaming services for entertainment purposes; organising or hosting awards ceremonies; production of programmes for cinema and television; consultancy, information and advisory services relating to the aforesaid.

Odeon Cinemas Holdings Limited, c/o Shoosmiths LLP, 100 Avebury Boulevard, Milton Keynes MK91FH, United Kingdom. Address for service is c/o Cruickshank, 8A Sandyford Business Centre, Sandyford, Dublin 18, Ireland.

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## POMODORINO

**269913** 03 May 2023

Class 43. Provision of food and drink; bar and restaurant services; food and drink catering services; preparation of foodstuffs or meals for consumption off the premises; carry-out restaurant services; self-service restaurant services; bistro services; snack bar services; bar services; café services; information and advisory services relating to the aforesaid.

Nonna's Pizza Limited, Unit 3, 14 Main Street, Swords, Co Dublin K67 X2C8, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.



**269914** 03 May 2023

Class 43. Provision of food and drink; bar and restaurant services; food and drink catering services; preparation of foodstuffs or meals for consumption off the premises; carry-out restaurant services; self-service restaurant services; bistro services; snack bar services; bar services; café services; information and advisory services relating to the aforesaid.

Nonna's Pizza Limited, Unit 3, 14 Main Street, Swords, Co Dublin K67 X2C8, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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Application is for a Series of 5 Trade Marks.

269915 04 July 2023

- Class 14. Lapel pins; jewellery items promoting awareness of childhood cancer.
- Class 16. Printed matter, newspapers and periodicals, books, booklets, book markers; instructional and teaching material; calendars, charts, diagrams, pamphlets, posters; all in the field of childhood cancer awareness and prevention.
- Class 35. Charitable services, namely business management and administration, advertising and promotional services; Arranging promotion of charitable fundraising events; Promotional communication campaigns in connection with childhood cancer; Provision of information to promote public awareness of childhood cancer and the need for a cure for childhood cancer.
- Class 36. Services for charitable fundraising, namely charitable fundraising and financial management of charitable funds; Arranging charitable fundraising events; organising of charitable collections; financial affairs.
- Class 41. Education, training, information and advisory services relating to education

and training; publication of books and texts; arranging and conducting of seminars, conferences, courses and correspondence courses all in the field of childhood cancer awareness and prevention; Workshops and educational events to support parents and families of those affected by childhood cancer.

Class 44. Provision of information regarding health care services for childhood cancer.

Class 45. Providing personal support services for families and parents of ill children tending to the emotional needs in the manner of pastoral care; staffing and volunteering for childhood cancer support organisations; emotional and practical support services for children and young people with cancer and their families.

Childhood Cancer Foundation, FDW House, Blackthorn Business Park Coes Road, Dundalk Co Louth, Dundalk, Louth, Ireland. Address for service is c/o Stobbs Ireland Limited, Suite 308, The Merrion Buildings, 18 20 Merrion Street Upper, Dublin D02 XH98, Ireland.

The application for registration is proceeding with the consent of the Proprietors of Registered Mark No. 250581 and 250864.

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## RISE OF ANUBIS

**269916** 17 November 2023

Class 9. Computer software being gambling games, games of chance and skill; computer software downloadable from or distributed via the Internet relating to gaming, casino games and services, gambling

and gambling services; computer software downloadable from or distributed via the Internet relating to gaming, casino games and services, poker games, card games, poker tournaments, gambling and gambling services and betting and betting services; gambling software; interactive computer systems relating to gaming, casino games and services, gambling and gambling services and betting and betting services; Electric, electronic or electromechanical apparatus for bingo games, lotteries or video lottery games and for betting offices, networked or unnetworked; Electropneumatic and electric pulling machines being gaming machines; parts and fittings for all the aforesaid goods.

Class 28. Gaming machines for gambling; automatic gaming machines; bill operated gaming machines; lottery scratch cards.

Class 41. Gaming, gambling, betting and casino services including such services provided on a website over computer networks; gambling games, games of chance and skill not downloadable provided on the internet; credit betting, lottery or bookmaking services; provision of electronic information relating to gaming, casino games, gambling services and betting, interactive games and gaming services via a global communications network; interactive games and gaming services via a global communications network; information and advice relating to the aforementioned services; online gambling services; providing casino services; casino, gaming and gambling services.



Blueprint Technologies Limited, Fortune House,  
Northgate Terrace, Northern Road, Newark,  
Nottinghamshire NG24 2EU, United Kingdom.  
Address for service is c/o MICHAEL FITZSIMONS,  
TMR Fitzsimons Trademarks, 44 Laurence Street,  
Drogheda, Co. Louth, Ireland.



**269917** 30 November 2023

Class 41. Education; Education services; Academies [education]; Further education; Vocational education.

Clarín College, Newford, Athenry, Galway H65 KC65, Ireland. Address for service is c/o Clarín College, Newford, Athenry, Galway H65 KC65, Ireland.



**269918** 14 January 2024

Class 35. Online community management services.

Niamh McCormack, 24 Castleknock Laurels, Dublin 15 D15DE40, Ireland. Address for service is c/o Niamh McCormack, 24 Castleknock Laurels, Dublin 15 D15DE40, Ireland.

The mark in use is/will be in the colour(s) Green, blue and white



**269919** 14 December 2023

Class 9. Credit cards; Screensavers; Holographic images; Audio recordings; Audiovisual recordings; Video recordings; Computer games; Recording disks; Audio tapes; Computer programs; Downloadable electronic publications; Encoded cards; Protective clothing for the prevention of accident or injury; Mouth guards for sports; Mouth guards for sports use; Computer mouse pads; Mobile phone covers; Pre-recorded software; Pre recorded computer software;

Computer programs for pre-recorded games;  
 Downloadable computer games; DVDs; Compact discs; Pre-recorded compact discs; Holograms; Protective sports helmets; Magnetically encoded identification bracelets; Encoded programs; Downloadable ebooks; Electronic personal organisers; Downloadable posters; sports helmets; Protective sports helmets; Downloadable digital files authenticated by non-fungible tokens [NFTs]; Downloadable virtual goods, namely, computer programs featuring clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic art), land, buildings and premises, furniture, tickets (including admission tickets), for use online and in online virtual worlds; downloadable multimedia files containing text, video, audio, or combinations thereof, relating to clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic art), land, buildings and premises, furniture, tickets (including admission tickets), authenticated by non-fungible tokens; downloadable multimedia files containing artwork in the fields of clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic art), land, buildings and premises, furniture, tickets (including admission tickets), authenticated by non-fungible tokens; downloadable audio and video recordings relating to clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic

art), land, buildings and premises, furniture, tickets (including admission tickets), authenticated by non-fungible tokens; downloadable image files containing or relating to clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic art), land, buildings and premises, furniture, tickets (including admission tickets), authenticated by non-fungible tokens.

Class 14. Precious metals; Jewellery of precious metals; Jewellery; Key rings of precious metals; Horological instruments; Chronometric instruments; Precious stones; Key chains as jewellery [trinkets or fobs]; Medals; Medals coated with precious metals; Medals made of precious metals; Commemorative medals; Gold medals; Precious metal trophies; Trophies of precious metals; Trophies made of precious metals; Trophies coated with precious metals; Trophies coated with precious metal alloys; Trophies made of precious metal alloys; Ornaments, made of or coated with precious or semi-precious metals or stones, or imitations thereof; Ornaments [jewellery]; Decorative boxes made of non-precious metal; Decorative boxes made of precious metal; Fancy keyrings of precious metals; Works of art of precious metal.

Class 16. Tickets; Entry tickets; Paper; Cardboard; Printed matter; Photographs; Stationery; Instructional and teaching materials; Instructional and teaching material (except apparatus); Plastic materials for packaging; Flags made from paper; Sports trading cards; Magazines; Newspapers; Books; Journals; Event programs; Printed event

- programs; Event albums; Photograph albums; Autograph books; Address books; Diaries; Personal organisers; Printed entry tickets; Bumper stickers; Stickers; Sticker albums; Calendars; Posters; Printed posters; Postcards; Advertising signs of paper or cardboard; Display banners of paper; Display banners made of cardboard; Decals; Holders for notepads; Passport covers; Business Cards.
- Class 18. Leather; Trunks [luggage]; Trunks and traveling bags; Umbrellas; Parasols; Walking sticks; Imitations of leather; Satchels; Briefcases; Document cases; Credit card cases; Business card cases; Wallets; Purses; Key cases; Travel bags; Bags, Canvas Bags, Vanity cases, not fitted; Sports bags; All-purpose sports bags.
- Class 21. Household or kitchen utensils; Household or kitchen containers; Combs; Sponges; Unworked glass; Semi-worked glass; Glassware; Porcelain; Earthenware; Ceramic mugs; Crystal ornaments; Ornamental glass; Ornaments made of glass.
- Class 24. Textiles and textile goods namely household; Textiles and substitutes for textiles; Bed covers; Table covers; Flags, not of paper.
- Class 25. Leather clothing; Clothing; Footwear; Headgear; Football shirts; Football jerseys; Jerseys.
- Class 28. Toys, games, and playthings; Gymnastic and sporting articles; Decorations for Christmas trees; Playing cards; Footballs; Sliotar; Christmas tree ornaments; Bags adapted to carry sports implements; Bags specially adapted for sports equipment.
- Class 35. Providing an online marketplace for buyers and sellers of downloadable digital goods, namely clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic art), land, buildings and premises, furniture, tickets (including admission tickets), authenticated by non-fungible tokens.
- Class 41. Entertainment services, namely, providing virtual environments in which users can interact for recreational, leisure or entertainment purposes; educational and entertainment services, namely in the form of providing online publications [non-downloadable] relating to digital media of all kinds, in particular including virtual works of art, crypto-collectibles and blockchain-based non-fungible valuables; electronic publishing services [e-publishing], namely in the form of publishing digital media of all kinds, in particular including virtual works of art, crypto-collectibles and blockchain-based non-fungible valuables; production and publishing of creative works, films, books, magazines, works of art by means of analog and digital means, including the internet, and by means of non-fungible tokens; entertainment services, namely, providing on-line, non-downloadable virtual goods, namely clothing, footwear, headgear, trading cards, cars, toys (including toy cars), games, artworks (including kinetic art), land, buildings and premises, furniture, tickets (including admission tickets), for use in virtual environments; providing information relating to online digital collectibles for use in digital environments and transaction marketplaces for entertainment purposes by

means of a website, smart contract or distributed registry or blockchain technology; Education; Providing of training; Providing of training, teaching and tuition; Entertainment; Sporting and cultural activities.

- Class 42. Providing temporary use of non-downloadable software for creating, minting, sending, receiving, accepting, trading, storing, tracking, authenticating and transmitting non-fungible tokens (NFTs) and video, images, artwork, tickets, audio, sounds, music, and trading cards for authenticating non-fungible tokens (NFTs); providing temporary use of non-downloadable computer software for use as a digital wallet; software as a service (SAAS) services featuring software for creating, minting, sending, receiving, accepting, trading, storing, tracking, authenticating and transmitting non-fungible tokens (NFTs) and video, images, artwork, tickets, audio, sounds, music, and trading cards for authenticating non-fungible tokens (NFTs); platform as a service [PaaS]; design and development of computer software; design and development of application software for mobile phones; electronic data storage; cloud computing; hosting digital content on the Internet; design of artwork.

IONTAOBHAS CORPARÁIDEACH CHUMANN LÚTHCHLEAS GAEL CUIDEACHTA FAOI THEORAINN RÁTHAÍOCHTA, Croke Park, Jones' Road, Dublin 3 D03 P6K7, Ireland. Address for service is c/o Reddy Charlton LLP, 12 Fitzwilliam Place, Dublin 2 D02 VN56, Ireland.

The mark in use is/will be in the colour(s) Black, Orange, White, Blue, Green and Cool Grey 1

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## Bonder's Blend Library of Flavours

**269920** 28 September 2023

Class 33. Spirits; Whiskey; Whiskey [whisky].

Class 40. Spirits distillery services.

JJ CORRY IRISH WHISKEY, JJ CORRY IRISH WHISKEY, THE SAFE HOUSE, COORACLARE V15 ED23, Ireland. Address for service is c/o JJ Corry Irish Whiskey, C/O Dominic McCarthy, The Safe House, Cooraclare, Kilrush Co Clare V15 ED23, Ireland.



**269921** 09 January 2024

Class 41. Hospitality services (entertainment); Corporate hospitality (entertainment).

Class 43. Catering services for hospitality suites; Hospitality

services [food and drink]; Corporate hospitality (provision of food and drink); Hospitality services [accommodation]; Fast food restaurants; Fast-food restaurant services; Catering in fast-food cafeterias; Take-away fast food services; Restaurant services for the provision of fast food.

Bull Shark Technologies Limited, The Forge, Suttonsrath, Jenkinstown, Co. Kilkenny, Ireland. Address for service is c/o Bull Shark Technologies Limited, The Forge, Suttonsrath, Jenkinstown, Co. Kilkenny, Ireland.

The mark in use is/will be in the colours Black and White.

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## EIRFRYER

**269922** 30 March 2023

Class 11. Cooking, heating, cooling and preservation equipment, for food and beverages.

Dominic Fleming Electrical Accessories Ltd, Unit 2 Damastown Walk, Damastown, Dublin D15PNN4, Ireland. Address for service is c/o Dominic Fleming Electrical Accessories Ltd, Unit 2 Damastown Walk, Damastown, Dublin D15PNN4, Ireland.

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## Signature Hair

**269923** 11 January 2024

Class 44. Hairdressing services; Barber services.

Barry Kieran, 69 clanbrassil street, Dundalk, Louth A91 E726, Ireland. Address for service is c/o Barry Kieran, 69 Clanbrassil street, Dundalk, Louth A91 E726, Ireland.

The mark in use is/will be in the colour(s) Black



**269924** 17 August 2023

Class 16. Printed matter; printed publications; brochures; newsletters; magazines and books.

Class 36. Insurance services; insurance underwriting and appraisals and assessment for insurance purposes; financial valuation, adjustment and settlement services relating to insurance claims; insurance advice and consultancy; financial banking; financial management; financial advice; financial investment; investment advice; investment management services; fund investments; lease-purchase financing; advice and counselling on finance and investment for and during retirement; medical insurance; insurance and medical insurance brokerage; information and advice relating to medical health insurance; occupational and employee health insurance.

Class 42. Medical research services.

Class 44. Medical services; medical treatment services; medical

clinics; medical analysis services; hospital services; healthcare services; dentistry services; surgical services; surgical consultation and advisory services; human fertility consultancy and treatment services; occupational health care; employee health and health care assessment; health and safety audits; advice and information in relation to health, health care and hospitals; assessment and advice in relation to work environment; Medical assistance consultancy provided by doctors and other specialized medical personnel; stress management; health background analysis; employee health assessment programs and strategy; nursing care services; health screening services.

Vhi Group Services DAC, VHI House, Lower Abbey Street, Dublin 1, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

The application for registration is proceeding with the consent of the proprietors of Registered Irish Trade Mark No's 147292, 223871 and 233552.

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## PSYCHOCSC

**269925** 15 January 2024

Class 42. Computer security consultancy; Data security consultancy; Internet security consultancy; Research relating to security; Data security services [firewalls]; Telecommunication network security consultancy;

Computer security system monitoring services; Authentication services for computer security; Computer programming services for electronic data security; Computer security services for protection against illegal network access; Computer security services in the nature of administering digital certificates; Computer security threat analysis for protecting data; Consultancy in the field of security software; Consultancy in the field of computer security; Consultancy in the field of data security; Design and development of electronic data security systems; Design and development of Internet security programs; IT security, protection and restoration; Maintenance of computer software relating to computer security and prevention of computer risks; Monitoring of computer systems for security purposes; Professional consultancy relating to computer security; Programming of Internet security programs; Provision of computer security risk management programs; Provision of security services for computer networks, computer access and computerised transactions; Rental of Internet security programs.

Francesco Bertucci, Via Bottego 17, 00042 Anzio, Italy. Address for service is c/o Francesco Bertucci, Via Bottego 17, 00042 Anzio, Italy.

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## FLASH

**269926** 24 July 2023

- Class 3. Bleaching preparations and other substances for laundry use; cleaning, polishing, scouring and abrasive preparations; soaps; canned pressurized air for cleaning and dusting purposes; creams for leather; waxes for leather; leather bleaching preparations; polishing creams; car polish; car shampoos; cleaning preparations for automobiles; cleaning preparations for leather; windscreen cleaning preparations; washing soda for cleaning; car wax; cleaning foam; waxes for leather; disposable wipes impregnated with a cleaning preparation.
- Class 4. Greases for the preservation of leather; oils for the preservation of leather.
- Class 5. deodorants, other than for human beings or for animals, including but not limited to deodorants for the air, textile and cars; car air freshener; car deodorants; disinfecting preparations and antibacterial preparations.
- Class 11. Air deodorizing apparatus; filters for airconditioning.
- Class 16. Paper wipes for cleaning.
- Class 21. Washing mitts for cleaning; cleaning instruments, hand-operated; articles for cleaning purposes, cloths for cleaning, dusting and polishing, scourers, namely Scouring pads, Scouring cloths, Scouring sponges and Scouring brushes; sponges, dusters, steelwool, mops, cleaning pads, brushes (except paint brushes).

The Procter & Gamble Company, One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

The application for registration is proceeding with the consent of the proprietors of EUTM No. 015958564.



**269927** 11 May 2023

- Class 9. Downloadable software; Platform software; Software.
- Class 45. Software licensing.

Sindice Ltd, 15 Market, Street, Galway H91TCX3, Ireland. Address for service is c/o Sindice Ltd, C/o David Stafford, 15 Market Street, Galway H91TCX3, Ireland.

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Application is for a Series of 3 Trade Marks.

269928 01 September 2023

Class 6. Dispensers, boxes and containers of metal for

Class 7.

dispensing paper cups, paper napkins, and cutlery; ice cream cone holders of metal. Commercial machines and apparatus for dispensing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks; commercial machines and apparatus for processing mixtures for the preparation of ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks; commercial machines and apparatus for preparing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks; commercial automatic machines for preparing and/or dispensing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks; commercial machines, equipment and apparatus for making, preparing and/or processing food and drink; commercial machines, equipment and apparatus for dispensing food and drink; parts and fittings for all the aforesaid goods.

Class 20.

Boxes and containers, not of metal, for dispensing paper cups, paper napkins and cutlery; non-metallic caps, stoppers, nozzles and closures for bottles, point of sale displays; point of sale displays (furniture); point of sale price displays.

Class 21.

Cups, cup lids, tubs, plates, bowls and containers of paper, card or plastics for food and drink; drinking straw dispensers; pump dispensers for drinks and food products; dispensers, not of metal; boxes and containers, not of metal, for dispensing cups, cup lids, tubs, plates, bowls and containers of paper, card or plastics for food and drink; ice cream cone holders, not of metal; tableware, except forks, knives and spoons; ice



- cream scoops; glassware; storage jars; ice cream making apparatus, non-electric; non-electric milkshake makers; bottles (sold empty).
- Class 29. Milkshakes; powders and mixes for making milkshakes and slush drinks; dairy-based sauces and toppings; nut toppings and nut-based toppings; fruit toppings; frosted, candied and crystalized fruits and nuts; dried, processed and preserved fruits and nuts; fruit and nut powders; fruit purees and pulps; nut pastes; jellies, jams, compotes; fruit-based and nut-based fillings for making pastries, desserts, ice creams, frozen yoghurts, sorbets, water ices and frozen confections; chilled and frozen fruit desserts.
- Class 30. Mixtures, pastes, powders, syrups and preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts; base mixes for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; binding agents and preparations for ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts; bases for making milk shakes [flavourings]; flavourings, other than essential oils, for beverages, ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; flavouring syrups; aromatic preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; natural flavouring for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts
- (except etheric essences and essential oils); mixes and powders for making biscuits, cakes, pastry, pastries, puddings, mousses, desserts, cones, wafers and waffles; ice-cream, ice cream confections and ice-cream products; ices; water ices; edible ices; sorbets, granita; non-dairy ice cream, non-dairy ice cream confections and non-dairy ice-cream products; chilled and frozen confectionery and confections; chilled and frozen desserts; frozen lollipops; frozen pastries; frozen yoghurt; yoghurt based ice cream; cones and wafers; waffles; sugar cones; sweet syrups, sauces; fruit coulis; sauces for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections; toppings; toppings for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections; nappage; sweet coatings, dips, gels, glazes custards; custard mixes; pastry cream; edible decorations for ice-creams, cakes and desserts; edible decorations of sugar, candy, confectionery and chocolate; biscuits and cookies, including crumbs, pieces, balls, powder; confectionery and candies; chocolate, chocolate based and flavoured products; caramel, caramel based and flavoured products; toffee, toffee based and flavoured products; aerated toffee; fudge, fudge based and flavoured products; chocolate coated confectionery; chocolate, caramel, fudge, toffee and sugar coated sweets, confectionery, fruits and nuts; butterscotch, butterscotch based and flavoured products; butter crocant; honeycomb; popcorn; sugar sprinkles, nonpareil,

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|           | <p>sugar strands, chocolate vermicelli; liquorice, liquorice flakes; sugar; sugar powders and syrups; sugar nibs, edible pearls, confectionery balls; dragée; sugar and chocolate coated puffed rice; cakes; pastry and pastries; sweets; lollies; puddings and desserts; beverages and drinks flavoured with chocolate, toffee, caramel or fudge.</p>   |  |
| Class 32. | <p>Syrups, cordials, preparations, powders and mixes for making beverages, milkshakes, slush drinks, iced and frozen beverages; slush drinks; part frozen slush drinks; iced and frozen beverages.</p>   | <p>water ices, frozen confections and desserts, binding agents and preparations for ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, aromatic preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, natural flavouring for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts (except etheric essences and essential oils), mixes and powders for making biscuits, cakes, pastry, pastries, puddings, mousses, desserts, cones, wafers and waffles, ice-cream, ice cream confections and ice-cream products, ices, water ices, edible ices, sorbets, granita, non-dairy ice cream, non-dairy ice cream confections and non-dairy ice-cream products, chilled and frozen confectionery and confections, chilled and frozen desserts, chilled and frozen fruit desserts, frozen lollipops, frozen pastries, frozen yoghurt, yoghurt based ice cream, cones and wafers, waffles, sugar cones, sweet syrups, sauces, fruit coulis, sauces for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections, toppings, toppings for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections, nappage, sweet coatings, dips, gels, glazes custards, custard mixes, pastry cream, edible decorations for ice-creams, cakes and desserts, edible decorations of sugar, candy, confectionery and chocolate, biscuits and cookies, including crumbs, pieces, balls, powder, confectionery and candies, chocolate, chocolate based and flavoured</p> |
| Class 35. | <p>Wholesale and retail services in relation to food and drink, food and drink ingredients, additions and inclusions, food colourings and flavourings, mixtures, pastes, powders, syrups and preparations for making food and drink, base mixes for making food and drink, milkshakes, syrups, powders and mixes for making milkshakes, aromatic preparation and natural flavouring for making milkshakes, dairy-based sauces and toppings, nut toppings and nut-based toppings, fruit toppings, frosted, candied and crystalized fruits and nuts, dried, processed and preserved fruits and nuts, fruit and nut powders, fruit purees and pulps, nut pastes, jellies, jams, compotes, fruit-based and nut-based fillings for making pastries, desserts, ice creams, frozen yoghurts, sorbets, water ices and frozen confections, mixtures, pastes, powders, syrups and preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, base mixes for making ice cream, frozen yoghurts, sorbets,</p> |  |

products, caramel, caramel based and flavoured products, toffee, toffee based and flavoured products, aerated toffee, fudge, fudge based and flavoured products, chocolate coated confectionery, chocolate, caramel, fudge, toffee and sugar coated sweets, confectionery, fruits and nuts, butterscotch, butterscotch based and flavoured products, butter croquant, honeycomb, popcorn, sugar sprinkles, nonpareil, sugar strands, chocolate vermicelli, liquorice, liquorice flakes, sugar, sugar powders and syrups, sugar nibs, edible pearls, confectionery balls, dragée, sugar and chocolate coated puffed rice, cakes, pastry and pastries, sweets, lollies, snack bars, puddings and desserts, beverages and drinks flavoured with chocolate, toffee, caramel or fudge, iced beverages, non-alcoholic beverages, cordials, syrups, mixes, powders and other preparations for making non-alcoholic beverages, iced, part frozen and frozen beverages, cordials, syrups, powders and other preparations for making iced, part frozen and frozen beverages, slush drinks, cordials, syrups, powders and other preparations for making slush drinks, smoothies, frozen non-alcoholic cocktails, cordials, syrups, powders and other preparations for making frozen non-alcoholic cocktails, sorbets in the nature of beverages, cordials, syrups, powders and other preparations for making sorbets in the nature of beverages, edible and non-edible decorations for food and drink, containers and articles for packaging, serving, and carrying food and drink, machines, equipment

and apparatus for making, preparing and/or processing food and drink, machines, equipment and apparatus for dispensing food and drink, commercial machines and apparatus for dispensing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, commercial machines and apparatus for processing mixtures for the preparation of ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, commercial machines and apparatus for preparing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, parts and fittings for machines, equipment and apparatus for making, preparing, processing and/or dispensing food and drink, paper napkins, sleeves of paper for ice cream cones, name plates of paper and card, paper parasols for food and drink decoration, paper flags and emblems for food and drink decoration, paper table linen, paper place mats, bags and articles for packaging, wrapping and storage made of paper, cardboard or plastics, cups, cup lids, tubs, plates, bowls and food containers made of paper, card or plastics for food and drink, dispensers, boxes and containers for dispensing paper cups, paper napkins and cutlery, ice cream cone holders, wooden sticks for holding ice cream and confectionery, caps, stoppers, nozzles and closures for bottles, drinking straw dispensers, pump dispensers for drinks and food products, tableware (except forks, knives and spoons), cups and mugs, household or kitchen containers and utensils, ice cream scoops, glassware, porcelain and earthenware,

storage jars, bottles (sold empty), table cutlery, requisites for use in selling food and drink; including the provision of all the aforementioned online, via a website, through the internet, by telephone or mail order; marketing assistance services; provision of business assistance; advertising, marketing and promotional consultancy, advisory and assistance services; promotional consultancy, advisory and assistance services in relation to point of sale advertising materials.

Priority Date Claimed: 15 June 2023 United Kingdom

Nic Ice Limited, Unit 8 Bodmin Park, Launceston Road, Bodmin Cornwall PL31 2RJ, United Kingdom. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.

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The logo for 'Squishies' features the word 'Squishies' in a bold, black, rounded, and slightly irregular font. The letters are thick and have a soft, bubbly appearance, consistent with the brand's theme of soft toys.

**269929** 17 February 2023

- Class 14. Key rings; Key fobs; plush toy key rings.
- Class 28. Toys, games, playthings; soft toys, plush toys; none of the aforesaid relating to Toy vehicles, Scale model kits [toys], Play balloons, Novelties for parties, dances [party favors, favours], Practical jokes [novelties], Pools (Swimming -) [play articles] or Dolls' feeding bottles.

Aldi Stores (Ireland) Limited, 67-68 Fitzwilliam Square, Dublin 2, Ireland. Address for service is c/o FRKelly, Waterways House, Grand Canal Quay, Dublin 2 D02 PD39, Ireland.



**269930** 01 September 2023

- Class 29. Milkshakes; powders and mixes for making milkshakes and slush drinks; natural flavouring for making milkshakes and slush drinks; dairy-based sauces and toppings; nut toppings and nut-based toppings; fruit toppings; frosted, candied and crystalized fruits and nuts; dried, processed and preserved fruits and nuts; fruit and nut powders; fruit purees and pulps; nut pastes; jellies, jams, compotes; fruit-based and nut-based fillings for making pastries, desserts, ice creams, frozen yoghurts, sorbets, water ices and frozen confections; chilled and frozen fruit desserts.
- Class 30. Mixtures, pastes, powders, syrups and preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts; base mixes for making ice cream, frozen

yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; binding agents and preparations for ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts; bases for making milk shakes [flavourings]; flavourings, other than essential oils, for beverages, ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; flavouring syrups; aromatic preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; natural flavouring for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts (except etheric essences and essential oils); mixes and powders for making biscuits, cakes, pastry, pastries, puddings, mousses, desserts, cones, wafers and waffles; ice-cream, ice cream confections and ice-cream products; ices; water ices; edible ices; sorbets, granita; non-dairy ice cream, non-dairy ice cream confections and non-dairy ice-cream products; chilled and frozen confectionery and confections; chilled and frozen desserts; frozen lollipops; frozen pastries; frozen yoghurt; yoghurt based ice cream; cones and wafers; waffles; sugar cones; sweet syrups, sauces; fruit coulis; sauces for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections; toppings; toppings for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections; nappage; sweet coatings, dips,

gels, glazes custards; custard mixes; pastry cream; edible decorations for ice-creams, cakes and desserts; edible decorations of sugar, candy, confectionery and chocolate; biscuits and cookies, including crumbs, pieces, balls, powder; confectionery and candies; chocolate, chocolate based and flavoured products; caramel, caramel based and flavoured products; toffee, toffee based and flavoured products; aerated toffee; fudge, fudge based and flavoured products; chocolate coated confectionery; chocolate, caramel, fudge, toffee and sugar coated sweets, confectionery, fruits and nuts; butterscotch, butterscotch based and flavoured products; butter crocant; honeycomb; popcorn; sugar sprinkles, nonpareil, sugar strands, chocolate vermicelli; liquorice, liquorice flakes; sugar; sugar powders and syrups; sugar nibs, edible pearls, confectionery balls; dragée; sugar and chocolate coated puffed rice; cakes; pastry and pastries; sweets; lollies; puddings and desserts; beverages and drinks flavoured with chocolate, toffee, caramel or fudge.

Class 32. Syrups, cordials, preparations, powders and mixes for making beverages, milkshakes, slush drinks, iced and frozen beverages; slush drinks; part frozen slush drinks; iced and frozen beverages.

Class 35. Wholesale and retail services in relation to food and drink, food and drink ingredients, additions and inclusions, food colourings and flavourings, mixtures, pastes, powders, syrups and preparations for making food and drink, base mixes for making food and drink, milkshakes, syrups, powders and mixes for

making milkshakes, aromatic preparation and natural flavouring for making milkshakes, dairy-based sauces and toppings, nut toppings and nut-based toppings, fruit toppings, frosted, candied and crystalized fruits and nuts, dried, processed and preserved fruits and nuts, fruit and nut powders, fruit purees and pulps, nut pastes, jellies, jams, compotes, fruit-based and nut-based fillings for making pastries, desserts, ice creams, frozen yoghurts, sorbets, water ices and frozen confections, mixtures, pastes, powders, syrups and preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, base mixes for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, binding agents and preparations for ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, aromatic preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, natural flavouring for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts (except etheric essences and essential oils), mixes and powders for making biscuits, cakes, pastry, pastries, puddings, mousses, desserts, cones, wafers and waffles, ice-cream, ice cream confections and ice-cream products, ices, water ices, edible ices, sorbets, granita, non-dairy ice cream, non-dairy ice cream confections and non-dairy ice-cream products, chilled and frozen confectionery and confections, chilled and frozen desserts, chilled and

frozen fruit desserts, frozen lollipops, frozen pastries, frozen yoghurt, yoghurt based ice cream, cones and wafers, waffles, sugar cones, sweet syrups, sauces, fruit coulis, sauces for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections, toppings, toppings for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections, nappage, sweet coatings, dips, gels, glazes custards, custard mixes, pastry cream, edible decorations for ice-creams, cakes and desserts, edible decorations of sugar, candy, confectionery and chocolate, biscuits and cookies, including crumbs, pieces, balls, powder, confectionery and candies, chocolate, chocolate based and flavoured products, caramel, caramel based and flavoured products, toffee, toffee based and flavoured products, aerated toffee, fudge, fudge based and flavoured products, chocolate coated confectionery, chocolate, caramel, fudge, toffee and sugar coated sweets, confectionery, fruits and nuts, butterscotch, butterscotch based and flavoured products, butter crocant, honeycomb, popcorn, sugar sprinkles, nonpareil, sugar strands, chocolate vermicelli, liquorice, liquorice flakes, sugar, sugar powders and syrups, sugar nibs, edible pearls, confectionery balls, dragée, sugar and chocolate coated puffed rice, cakes, pastry and pastries, sweets, lollies, snack bars, puddings and desserts, beverages and drinks flavoured with chocolate, toffee, caramel or fudge, iced beverages, non-alcoholic beverages, cordials, syrups, mixes, powders and other preparations for making

non-alcoholic beverages, iced, part frozen and frozen beverages, cordials, syrups, powders and other preparations for making iced, part frozen and frozen beverages, slush drinks, cordials, syrups, powders and other preparations for making slush drinks, smoothies, frozen non-alcoholic cocktails, cordials, syrups, powders and other preparations for making frozen non-alcoholic cocktails, sorbets in the nature of beverages, cordials, syrups, powders and other preparations for making sorbets in the nature of beverages, edible and non-edible decorations for food and drink, containers and articles for packaging, serving, and carrying food and drink, machines, equipment and apparatus for making, preparing and/or processing food and drink, machines, equipment and apparatus for dispensing food and drink, commercial machines and apparatus for dispensing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, commercial machines and apparatus for processing mixtures for the preparation of ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, commercial machines and apparatus for preparing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, parts and fittings for machines, equipment and apparatus for making, preparing, processing and/or dispensing food and drink, paper napkins, sleeves of paper for ice cream cones, name plates of paper and card, paper parasols for food and drink decoration, paper flags

and emblems for food and drink decoration, paper table linen, paper place mats, bags and articles for packaging, wrapping and storage made of paper, cardboard or plastics, cups, cup lids, tubs, plates, bowls and food containers made of paper, card or plastics for food and drink, dispensers, boxes and containers for dispensing paper cups, paper napkins and cutlery, ice cream cone holders, wooden sticks for holding ice cream and confectionery, caps, stoppers, nozzles and closures for bottles, drinking straw dispensers, pump dispensers for drinks and food products, tableware (except forks, knives and spoons), cups and mugs, household or kitchen containers and utensils, ice cream scoops, glassware, porcelain and earthenware, storage jars, bottles (sold empty), table cutlery, requisites for use in selling food and drink; including the provision of all the aforementioned online, via a website, through the internet, by telephone or mail order; marketing assistance services; provision of business assistance; advertising, marketing and promotional consultancy, advisory and assistance services; promotional consultancy, advisory and assistance services in relation to point of sale advertising materials.

Priority Date Claimed: 15 June 2023 United Kingdom

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## GORTRUSH TRADING

269931 01 September 2023

Class 29. Milkshakes; powders and mixes for making milkshakes and slush drinks; dairy-based sauces and toppings; nut toppings and nut-based toppings; fruit toppings; frosted, candied and crystalized fruits and nuts; dried, processed and preserved fruits and nuts; fruit and nut powders; fruit purees and pulps; nut pastes; jellies, jams, compotes; fruit-based and nut-based fillings for making pastries, desserts, ice creams, frozen yoghurts, sorbets, water ices and frozen confections; chilled and frozen fruit desserts.

Class 30. Mixtures, pastes, powders, syrups and preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts; base mixes for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; binding agents and preparations for ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts; bases for making milk shakes [flavourings]; flavourings, other than essential oils, for beverages, ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; flavouring syrups; flavouring syrups for ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; aromatic preparations for making ice

cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts; natural flavouring for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections, slush drinks, milkshakes and desserts (except etheric essences and essential oils); mixes and powders for making biscuits, cakes, pastry, pastries, puddings, mousses, desserts, cones, wafers and waffles; ice-cream, ice cream confections and ice-cream products; ices; water ices; edible ices; sorbets, granita; non-dairy ice cream, non-dairy ice cream confections and non-dairy ice-cream products; chilled and frozen confectionery and confections; chilled and frozen desserts; frozen lollipops; frozen pastries; frozen yoghurt; yoghurt based ice cream; cones and wafers; waffles; sugar cones; sweet syrups, sauces; fruit coulis; sauces for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections; toppings; toppings for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections; nappage; sweet coatings, dips, gels, glazes custards; custard mixes; pastry cream; edible decorations for ice-creams, cakes and desserts; edible decorations of sugar, candy, confectionery and chocolate; biscuits and cookies, including crumbs, pieces, balls, powder; confectionery and candies; chocolate, chocolate based and flavoured products; caramel, caramel based and flavoured products; toffee, toffee based and flavoured products; aerated toffee; fudge, fudge based and flavoured products; chocolate



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|           | <p>coated confectionery; chocolate, caramel, fudge, toffee and sugar coated sweets, confectionery, fruits and nuts; butterscotch, butterscotch based and flavoured products; butter crocant; honeycomb; popcorn; sugar sprinkles, nonpareil, sugar strands, chocolate vermicelli; liquorice, liquorice flakes; sugar; sugar powders and syrups; sugar nibs, edible pearls, confectionery balls; dragée; sugar and chocolate coated puffed rice; cakes; pastry and pastries; sweets; lollies; puddings and desserts; beverages and drinks flavoured with chocolate, toffee, caramel or fudge.</p>   |  |
| Class 32. | <p>Syrups, cordials, preparations, powders and mixes for making beverages, milkshakes, slush drinks, iced and frozen beverages; slush drinks; part frozen slush drinks; iced and frozen beverages; powders and mixes for making slush drinks.</p>  |  |
| Class 35. | <p>Wholesale and retail services in relation to food and drink, food and drink ingredients, additions and inclusions, food colourings and flavourings, mixtures, pastes, powders, syrups and preparations for making food and drink, base mixes for making food and drink, milkshakes, syrups, powders and mixes for making milkshakes, aromatic preparation and natural flavouring for making milkshakes, dairy-based sauces and toppings, nut toppings and nut-based toppings, fruit toppings, frosted, candied and crystalized fruits and nuts, dried, processed and preserved fruits and nuts, fruit and nut powders, fruit purees and pulps, nut pastes, jellies, jams, compotes, fruit-based and nut-based fillings for making pastries, desserts, ice</p> | <p>creams, frozen yoghurts, sorbets, water ices and frozen confections, mixtures, pastes, powders, syrups and preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, base mixes for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, binding agents and preparations for ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts, aromatic preparations for making ice cream, frozen yoghurts, sorbets, water ices, frozen confections and desserts (except etheric essences and essential oils), mixes and powders for making biscuits, cakes, pastry, pastries, puddings, mousses, desserts, cones, wafers and waffles, ice-cream, ice cream confections and ice-cream products, ices, water ices, edible ices, sorbets, granita, non-dairy ice cream, non-dairy ice cream confections and non-dairy ice-cream products, chilled and frozen confectionery and confections, chilled and frozen desserts, chilled and frozen fruit desserts, frozen lollipops, frozen pastries, frozen yoghurt, yoghurt based ice cream, cones and wafers, waffles, sugar cones, sweet syrups, sauces, fruit coulis, sauces for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections, toppings, toppings for ice-creams, cakes, desserts, frozen yoghurts, sorbets, water ices and frozen confections, nappage, sweet coatings, dips, gels, glazes custards, custard</p> |

mixes, pastry cream, edible decorations for ice-creams, cakes and desserts, edible decorations of sugar, candy, confectionery and chocolate, biscuits and cookies, including crumbs, pieces, balls, powder, confectionery and candies, chocolate, chocolate based and flavoured products, caramel, caramel based and flavoured products, toffee, toffee based and flavoured products, aerated toffee, fudge, fudge based and flavoured products, chocolate coated confectionery, chocolate, caramel, fudge, toffee and sugar coated sweets, confectionery, fruits and nuts, butterscotch, butterscotch based and flavoured products, butter croquant, honeycomb, popcorn, sugar sprinkles, nonpareil, sugar strands, chocolate vermicelli, liquorice, liquorice flakes, sugar, sugar powders and syrups, sugar nibs, edible pearls, confectionery balls, dragée, sugar and chocolate coated puffed rice, cakes, pastry and pastries, sweets, lollies, snack bars, puddings and desserts, beverages and drinks flavoured with chocolate, toffee, caramel or fudge, iced beverages, non-alcoholic beverages, cordials, syrups, mixes, powders and other preparations for making non-alcoholic beverages, iced, part frozen and frozen beverages, cordials, syrups, powders and other preparations for making iced, part frozen and frozen beverages, slush drinks, cordials, syrups, powders and other preparations for making slush drinks, smoothies, frozen non-alcoholic cocktails, cordials, syrups, powders and other preparations for making frozen non-alcoholic cocktails, sorbets in the nature

of beverages, cordials, syrups, powders and other preparations for making sorbets in the nature of beverages, edible and non-edible decorations for food and drink, containers and articles for packaging, serving, and carrying food and drink, machines, equipment and apparatus for making, preparing and/or processing food and drink, machines, equipment and apparatus for dispensing food and drink, commercial machines and apparatus for dispensing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, commercial machines and apparatus for processing mixtures for the preparation of ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, commercial machines and apparatus for preparing ices, flavoured ice, ice cream, frozen yoghurt, frozen desserts, milkshakes and slush drinks, parts and fittings for machines, equipment and apparatus for making, preparing, processing and/or dispensing food and drink, paper napkins, sleeves of paper for ice cream cones, name plates of paper and card, paper parasols for food and drink decoration, paper flags and emblems for food and drink decoration, paper table linen, paper place mats, bags and articles for packaging, wrapping and storage made of paper, cardboard or plastics, cups, cup lids, tubs, plates, bowls and food containers made of paper, card or plastics for food and drink, dispensers, boxes and containers for dispensing paper cups, paper napkins and cutlery, ice cream cone holders, wooden sticks for holding ice cream and confectionery, caps, stoppers,

nozzles and closures for bottles, drinking straw dispensers, pump dispensers for drinks and food products, tableware (except forks, knives and spoons), cups and mugs, household or kitchen containers and utensils, ice cream scoops, glassware, porcelain and earthenware, storage jars, bottles (sold empty), table cutlery, requisites for use in selling food and drink; including the provision of all the aforementioned online, via a website, through the internet, by telephone or mail order; marketing assistance services; provision of business assistance; advertising, marketing and promotional consultancy, advisory and assistance services; promotional consultancy, advisory and assistance services in relation to point of sale advertising materials.

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## The New Scriptorium

**269932** 05 September 2023

Class 9. Audio books; podcasts; webcasts; electronic publications (downloadable); printed publications recorded in electronic, magnetic, digital or optical forms; electronic books, digital books; video and audio entertainment software recorded in

electronic, magnetic, digital or optical forms; Computer software to enable teleconferencing, videoconferencing and videophone services; sound, video and data recordings; downloadable digital media and recordings; downloadable digital media and recordings containing sound, images, text, information, signals or software; audio cassettes; computer games; computer programs; computer software; computer application software for mobile devices; computer software for instructional and educational purposes; computer software for creating templates for home paper crafting; pre-recorded compact discs; pre-recorded DVDs; pre-recorded cassettes and cartridges; films; software downloads, software applications for mobile devices and computers, videotapes, audiotapes, electronic book readers, video podcasts; electronically recorded data; electronic files; databases; audio and visual teaching apparatus; educational computer games; downloadable computer games; parts and fittings for all the aforesaid goods.

Class 16. Almanacs; Books; Brochures; Bulletins; Business cards; Catalogues; Educational publications; Forms, printed; Information booklets; Instruction sheets; Instructional manuals; Instructional manuals for teaching purposes; Leaflets; Manuals for instructional purposes; Photographs; Photographs [printed]; Price lists; Printed books; Printed awards; Printed brochures; Printed flyers; Printed information sheets; Printed informational cards; Printed informational flyers; Printed informational folders; Printed

informational sheets; Printed leaflets; Printed lectures; Printed lessons; Printed manuals; Printed matter for instructional purposes; Printed newsletters; Printed publications; Printed questionnaires; Printed research reports; Printed stationery; Printed teaching material; Printed teaching materials; Professional magazines; Publications (Printed -); Teaching manuals; Training manuals.

Class 38. Webcasting services.

Class 41. Arranging and conducting of educational events; Audio-visual display presentations; Audio-visual display presentation services for educational purposes; Conducting guided tours of cultural sites for educational purposes; Education and instruction services; Education and instruction; Education and training; Education and training services; Educational and training services; Educational services provided by schools; Fetes (Organisation of -) for educational purposes; Loan of books; Loaning of books; Loans of books; Organisation and presentation of shows; Organisation of conferences, exhibitions and competitions; Organisation of Webinars; Preparation of texts for publication; Providing on-line reviews of books; entertainment services for sharing audio and video recordings.

Aedamar Kirrane, 28 Oatlands Manor, Blackrock, Dublin A94F9W2, Ireland. Address for service is c/o Aedamar Kirrane, 28 Oatlands Manor, Blackrock, Dublin A94F9W2, Ireland.

## LyteFlyte

**269933** 13 May 2023

Class 32. Sports drinks containing electrolytes.

Murossi LTD, 13 Seabury Crescent, Malahide, Dublin K36 CF80, Ireland. Address for service is c/o Murossi LTD, c/o Alessio Roselli, Riverdale 4 Spittal Hill, Lissenhall, Swords, Dublin K67 ET20, Ireland.

The mark in use is/will be in the colour(s) Navy

## MGI

**269934** 11 September 2023

Class 3. Shaving sets comprising of shaving cream and aftershave; Cosmetics; Shaving cream; Aftershave; Shampoo; Conditioners; Shaving oil; Moisturisers; Beard balm; Hair styling dust; Cosmetics in the form of powders; Hair styling cream, hair styling preparations, hair styling waxes, hair styling sprays and hair styling lotions; Styling paste for the hair; Mousses.

Class 16. Gift vouchers; Vouchers, vouchers of value; Printed vouchers.

Class 35. Online retail store services relating to the sale of razors, razor blades, shaving brushes, shaving cream, cosmetics.

Class 41. Training; Training services; Training courses; Providing training; Advanced training; Staff training services; Practical training services; Providing of training;

Education, teaching and training; Workshops for training purposes; Training and education services; Demonstrating of hairdressing products for training purposes.

Class 44. Barber services; Barbers' shops; Barber shop services; Services of a barber; Mobile call out hairdressing services for weddings and events.

Andrey Kozlov, 7 Old Dublin Road, Stillorgan, Co. Dublin A94 HF63, Ireland. Address for service is c/o Tomkins & Co, 5 Dartmouth Road, Dublin 6 D06 F9C7, Ireland.

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## 7EVEN

**269935** 22 December 2023

Class 25. Clothing; Footwear; Headwear; Sportswear; T-shirts; Jackets [clothing]; Jackets.

BEN COLGAN, 9 GLENDALE DRIVE, Bray A98 Y5Y3, Ireland. Address for service is c/o BEN COLGAN, 9 GLENDALE DRIVE, BRAY A98 Y5Y3, Ireland.

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## GOLDEN BAKE

**269936** 02 January 2024

Class 30. Partially and fully prepared bakery products, pastry, pastries and confectionery; pastries containing sweet or savoury ingredients.

Golden Bake Limited, 4 Newtown Park, Malahide Road Industrial Park, Coolock, Dublin 17, Ireland. Address for service is c/o MICHAEL FITZSIMONS, TMR Fitzsimons Trademarks, 44 Laurence Street, Drogheda, Co. Louth, Ireland.



**269937** 17 July 2023

Class 9. Software.

YUBIX LIMITED, The Capel Building, Mary's Abbey, North City, Dublin, Dublin D07 N4C6, Ireland. Address for service is c/o Gonçalo Cerejeira Namora, Solicitor, Rua Dr Joaquim Pires de Lima, 388, 4200-348 Porto, Portugal.

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## Opposition(s) under Section 43 of the 1996 Act

**268972** Fitt Meals Catering Services LLC. Opposition filed 22 January 2024

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## Revocation of Trade mark(s) under Section 51 of the Trade Marks Act, 1996

**1148220** TAIZHOU GRANDFAR INTERNATIONAL TRADING CO., LTD  
Registration revoked with effect from 27 February 2019 following proceedings under Section 51 of the Trade Marks Act, 1996.

## Application(s) Amended after Advertisement under the 1996 Act following Opposition

Any person who desires to oppose the registration of these trade marks may within three months from the date of this Journal give notice to the Controller, Patents Office, Government Buildings, Hebron Road, Kilkenny, in accordance with the provisions of Rule 18.

- 265431** Advertised in Journal No. 2444 dated 18/08/2021  
Specification of goods amended to read:
- Class 9:** Pre-recorded media; downloadable publications; computer software; mobile application software; all of the aforesaid goods being provided in the fields of alcoholic and non-alcoholic beverages, beers, wines and spirits; all of the aforesaid goods provided in the course of a business importing, selling, wholesaling and retailing wine and other alcoholic and non-alcoholic beverages.
- Class 16:** Printed matter; printed publications; books; periodicals, publications, magazines and journals; decalcomanias and calendars; instructional and teaching materials; advertising material and promotional material; all of the aforesaid goods relating to the fields of alcoholic and non-alcoholic beverages, beers, wines and spirits; all of the aforesaid goods provided in the course of a business importing, selling, wholesaling and retailing wine and other alcoholic and non-alcoholic beverages.
- Class 32:** Beer; ale; porter; stout; lager; beer based beverages; mineral and aerated waters; non-alcoholic beverages; fruit drinks and fruit juices; syrups, mixers and other preparations for making beverages; shandy; de-alcoholised drinks; non-alcoholic beers and wines; tonic water.
- Class 33:** Alcoholic beverages (except beers); alcoholic wines; still wines; sparkling wines; champagne; port; ciders; spirits; liqueurs; alcopops; aperitifs; alcoholic cocktails.
- Class 35:** Advertising and marketing services in the field of alcoholic and non-alcoholic drinks; auctioneering of

alcoholic drinks; demonstration of goods, namely alcoholic and non-alcoholic drinks; distribution of samples, namely alcoholic and non-alcoholic drinks; sales promotion in the field of alcoholic and non-alcoholic drinks; retail services relating to alcoholic and non-alcoholic beverages; wholesale services relating to alcoholic and non-alcoholic beverages; dissemination of advertising material in the field of alcoholic and non-alcoholic drinks; arranging of trading transactions and commercial contracts; procurement services; import and export services; sourcing and selection of alcoholic and non-alcoholic beverages; sourcing, selecting and purchasing of alcoholic and non-alcoholic beverages; business administration; office functions; public relations services; publicity services; writing, publication and distribution of publicity material; digital marketing; on-line advertising and marketing services; search engine marketing services; search engine optimisation services; social media strategy and marketing services; market research and market analysis; media research and consultancy; advertising media management services; media buying services; brand consultancy and brand creation services; brand positioning; brand strategy; trade fairs; organisation, arrangement and conducting of conferences, conventions, seminars, events, displays, exhibitions and presentations for commercial or advertising purposes; business consultancy and advice relating to events marketing and management; business network events; arranging of product launches; copy writing; advice, information and consultancy services in relation to all of the aforesaid services; compiling and managing databases; business management; all of the aforesaid services being provided in relation to alcoholic and non-alcoholic beverages, beers, wines and spirits; all of the aforesaid services provided in the course of a business importing, selling, wholesaling and retailing wine and other alcoholic and non-alcoholic beverages.

**Class 39:** Distribution and delivery services; warehousing of retail goods; warehousing storage services; all of the aforesaid services provided in the course of a business importing, selling,

wholesaling and retailing wine and other alcoholic and non-alcoholic beverages.  
**Class 41:** Education in the field of alcoholic drinks, particularly wines; providing of training in the field of alcoholic drinks, particularly wines; arranging and conducting of wine tasting events for entertainment and education purposes; organisation of wine tasting events; advice, information and consultancy in relation to all of the aforesaid services; educational testing services namely, preparing, administering and scoring tests related to wine; educational services, namely, the offering of web based and live training for certification of others; arranging and conducting of conferences, conventions and exhibitions relating to wine, wine related products and printed publications; publishing services, electronic publishing services, provision of education, cultural and entertainment information by electronic means including the Internet, mobile phones and electronic devices all relating to goods and services provided in the course of a business importing, selling, wholesaling and retailing wine and other alcoholic and non-alcoholic beverages; publications of electronic magazines and journals and articles regarding wines, wine reviews, wine matching, wine availability, dining or travel experiences accessible via the Internet and mobile phones and electronic devices; providing of educational information about wine including wine characteristics, vineyards, wine producers, wine vintages, grape types, food pairings and wine reviews that are accessible via the Internet and mobile phones and electronic devices; information and advisory services relating to all the aforesaid services; all of the aforesaid services provided in the course of a business importing, selling, wholesaling and retailing wine and other alcoholic and non-alcoholic beverages.

## Application(s) deemed to be Withdrawn under Section 45(2) of the 1996 Act

|               |                       |
|---------------|-----------------------|
| <b>268321</b> | Andrew McAllister     |
| <b>268324</b> | Yaser Alhariri        |
| <b>268326</b> | Peter Snee            |
| <b>268330</b> | Mark Leen             |
| <b>268338</b> | Peak Learning Limited |
| <b>268356</b> | Katonkole Kazadi      |
| <b>268359</b> | Joshua Calamai        |
| <b>268371</b> | James Carry           |

## Trade Marks Registered under the 1996 Act

|               |   |
|---------------|---|
| <b>266043</b> | (2452) Cl. 29 30 39 43. Giraffe Concepts Limited        |
| <b>268540</b> | (2494) Cl. 41. Marcella O'Connor                        |
| <b>268567</b> | (2494) Cl. 16 35. Patricia McCrossan                    |
| <b>268648</b> | (2496) Cl. 5. Swiss Pharma International AG             |
| <b>268656</b> | (2496) Cl. 41. William Whitford                         |
| <b>268657</b> | (2496) Cl. 3. Flowerceutica LTD                         |
| <b>268665</b> | (2496) Cl. 3 4 16 21. Ryan Scott                        |
| <b>268696</b> | (2496) Cl. 9 16 25 35 41. Nadine McCarthy               |
| <b>268739</b> | (2496) Cl. 37 39 45. Excellerate Holdings (Pvt) Limited |
| <b>268741</b> | (2496) Cl. 43. Irakli Bregvadze                         |
| <b>268744</b> | (2496) Cl. 42. Gemeng Electric Consulting Limited       |
| <b>268752</b> | (2497) Cl. 30. AHOLD DELHAIZE LICENSING SARL            |
| <b>268767</b> | (2497) Cl. 35 36. Jennifer O'Connell                    |
| <b>268812</b> | (2498) Cl. 16. Linda Monahan                            |
| <b>268832</b> | (2498) Cl. 3. MIZENSIR                                  |
| <b>268843</b> | (2498) Cl. 25. Sole Footwear Ltd                        |
| <b>268858</b> | (2499) Cl. 35. Alan Gray, t/a Indecon                   |
| <b>268861</b> | (2499) Cl. 35. Alan Gray, t/a Indecon                   |
| <b>268862</b> | (2499) Cl. 35. Alan Gray, t/a Indecon                   |
| <b>268863</b> | (2499) Cl. 35. Alan Gray, t/a Indecon                   |
| <b>268877</b> | (2499) Cl. 37. Excellerate Holdings (Pvt) Limited       |
| <b>268906</b> | (2500) Cl. 25 28. LSI - Netherlands B.V.                |
| <b>268908</b> | (2500) Cl. 33. Marks and Spencer plc                    |
| <b>268910</b> | (2500) Cl. 1. ORIGIN UK OPERATIONS LIMITED              |
| <b>268911</b> | (2500) Cl. 39 42. BUS ÁTHA CLIATH / DUBLIN BUS          |
| <b>268914</b> | (2500) Cl. 20. United Hardware Dac                      |

|  |  |               |   |
|--|--|---------------|---|
| <b>268915</b>  | (2500) Cl. 35 38 41 42. HouseBuild   | <b>108403</b> | Cl. 3. LEONARD PARFUMS  |
| <b>268917</b>  | (2500) Cl. 5 32. Tirlán Limited  | <b>109073</b> | Cl. 33. DIAGEO SCOTLAND LIMITED   |
| <b>268918</b>  | (2500) Cl. 5 32. Tirlán Limited  | <b>109373</b> | Cl. 4. WD-40 COMPANY  |
| <b>268920</b>  | (2500) Cl. 30 43. Marks and Spencer plc  | <b>109374</b> | Cl. 4. WD-40 COMPANY  |
| <b>268926</b>  | (2500) Cl. 29 30. Savage Cabbage   | <b>115062</b> | Cl. 3. FD MANAGEMENT, INC.  |
| <b>268929</b>  | (2500) Cl. 10 35 37 41 42 44. VillageCare Health Service LtdC/o William Buckley          | <b>228668</b> | Cl. 1. GOULDING SOIL NUTRITION LIMITED  |
| <b>268931</b>  | (2500) Cl. 37. Alan Parkes   | <b>228917</b> | Cl. 16, Cl. 36, Cl. 38, Cl. 41, Cl. 44. THE IRISH SOCIETY FOR THE PREVENTION OF CRUELTY TO CHILDREN |
| <b>268932</b>  | (2500) Cl. 33. Marks and Spencer plc   | <b>228950</b> | Cl. 36. Mobile Mortgages Ltd  |
| <b>268934</b>  | (2500) Cl. 35 41. RSS Global Central Services Limited                                    | <b>229008</b> | Cl. 16, Cl. 41. Ms. MARGARET FINEGAN  |
| <b>268935</b>  | (2500) Cl. 12 37. Garry Sweeney  | <b>229009</b> | Cl. 35. DUN LAOGHAIRE-RATHDOWN COUNTY COUNCIL   |
| <b>268940</b>  | (2500) Cl. 35 41 43. BORD GÁIS ENERGY LIMITED  | <b>229174</b> | Cl. 16, Cl. 36. EAGLE STAR LIFE ASSURANCE COMPANY OF IRELAND LIMITED                                |
| <b>268942</b>  | (2500) Cl. 1 30 40 43. Naimul Hossain  | <b>229175</b> | Cl. 16, Cl. 36. EAGLE STAR LIFE ASSURANCE COMPANY OF IRELAND LIMITED                                |
| <b>268943</b>  | (2500) Cl. 9 35. Happy Marketing & Media Ltd T/A Buymedia                                | <b>229192</b> | Cl. 6. NK FENCING LTD   |
| <b>268947</b>  | (2500) Cl. 36. ANTONIO MUREDDU   | <b>229205</b> | Cl. 20, Cl. 37. Elizabeth Flynn   |
| <b>268948</b>  | (2500) Cl. 42. Michael Russotti  | <b>229266</b> | Cl. 14. MYCIN OF IRELAND LIMITED  |
| <b>268949</b>  | (2500) Cl. 14 35. Ivy's Attic Jewellery Limited  | <b>229495</b> | Cl. 5. Kenvue Inc.  |
| <b>268950</b>  | (2500) Cl. 36 41. National Breast Cancer Research Institute Company Limited By Guarantee | <b>229559</b> | Cl. 5. JOHNSON & JOHNSON  |
| <b>268954</b>  | (2500) Cl. 30 32. Aldi Stores (Ireland) Limited  | <b>229944</b> | Cl. 44. UNA McGURK  |
| <b>268958</b>  | (2500) Cl. 35 36 45. LEESON CLAIMS SERVICES LIMITED                                      | <b>230114</b> | Cl. 29. LA ROUSSE FOODS LIMITED   |
| <b>268961</b>  | (2500) Cl. 35 36 45. LEESON CLAIMS SERVICES LIMITED                                      | <b>230465</b> | Cl. 35, Cl. 37, Cl. 39. WOOD CONCEPTS LIMITED   |
| <b>268963</b>  | (2500) Cl. 43. Paul Geaney & Co Limited  | <b>230685</b> | Cl. 35. BRANDS GLOBAL LIMITED   |
| <b>268964</b>  | (2500) Cl. 3 5 30 44. Trua Hair Ltd  | <b>231411</b> | Cl. 16, Cl. 36. Zurich Life Assurance PLC   |
| <b>268965</b>  | (2500) Cl. 41 43. Dave & Buster's I, L.P.  | <b>231654</b> | Cl. 1, Cl. 16, Cl. 29, Cl. 30, Cl. 31, Cl. 35, Cl. 39, Cl. 43. IAWS GROUP PLC                       |
| <b>Renewal of Registrations Under Section 48 of the 1996 Act</b> |  | <b>236788</b> | Cl. 5, Cl. 29, Cl. 30. Kenvue Inc.  |
| <b>51438</b>   | Cl. 33. Irish Distillers International Limited   | <b>241865</b> | Cl. 3, Cl. 5. THE CLOROX COMPANY  |
| <b>64530</b>   | Cl. 30. Kraft Foods Sverige Intellectual Property AB                                     | <b>250131</b> | Cl. 12. HANKOOK TIRE WORLDWIDE CO., LTD   |
| <b>64594</b>   | Cl. 27. Weseler Teppich GmbH & Co. KG  | <b>250133</b> | Cl. 1. GOULDING SOIL NUTRITION LIMITED  |
| <b>64982</b>   | Cl. 16. KOH-I-NOOR HARDTMUTH A.S.  | <b>250134</b> | Cl. 1. GOULDING SOIL NUTRITION LIMITED  |
| <b>74636</b>   | Cl. 3, Cl. 5, Cl. 9. JNTL Consumer Health I (Switzerland) GmbH                           | <b>250136</b> | Cl. 1. GOULDING SOIL NUTRITION LIMITED  |
| <b>75649</b>   | Cl. 1. Emery Oleochemicals GmbH  | <b>250197</b> | Cl. 14. CHANEL LIMITED  |
| <b>106869</b>  | Cl. 25. Monsoon TM Limited   | <b>250230</b> | Cl. 5. 3M DEUTSCHLAND GMBH  |
| <b>107398</b>  | Cl. 5. American Regent, Inc.   | <b>250271</b> | Cl. 1, Cl. 12. Sony Group Corporation   |
| <b>108359</b>  | Cl. 5. Neuraxpharm Pharmaceuticals S.L.  | <b>250386</b> | Cl. 37. 365 Fire & Security   |
|  |  | <b>250506</b> | Cl. 29, Cl. 30. SOHIL MOHAMMED  |
|  |  | <b>250512</b> | Cl. 39, Cl. 43. ARROW TOURS (2000) LTD  |
|  |  | <b>250515</b> | Cl. 30. LIDL STIFTUNG & CO. KG  |
|  |  | <b>250538</b> | Cl. 5. BEELINE HEALTHCARE   |



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| <b>250545</b>  | Cl. 4. PATRICK MURPHY AND SONS FUELS LTD   | <b>107373</b> | Cl. 30. 01 December 2023. Mars Food Ireland Limited             |
| <b>250576</b>  | Cl. 35. EZLiving Furniture   | <b>107374</b> | Cl. 30. 01 December 2023. Mars Food Ireland Limited             |
| <b>250583</b>  | Cl. 31, Cl. 41. BRIDGET O'CONNELL  | <b>107568</b> | Cl. 34. 12 December 2023. MIGNOT & DE BLOCK B.V.                |
| <b>250588</b>  | Cl. 33. Teeling Whiskey Company Ltd  | <b>108251</b> | Cl. 5. 15 December 2023. ICN Pharmaceuticals, Inc.              |
| <b>250662</b>  | Cl. 38, Cl. 42, Cl. 45. PROTOCOL INTERNET TECHNOLOGY LIMITED T/A HOSTING IRELAND | <b>108260</b> | Cl. 25. 19 December 2023. Söfft Shoe Company, Inc.              |
| <b>250738</b>  | Cl. 35. Dun Laoghaire-Rathdown County Council                                    | <b>108261</b> | Cl. 10. 19 December 2023. Covidien AG                           |
| <b>250828</b>  | Cl. 29, Cl. 30, Cl. 31, Cl. 43. PETROGAS GLOBAL LIMITED                          | <b>111076</b> | Cl. 16. 21 December 2023. General Media Communications, Inc.    |
| <b>250985</b>  | Cl. 33. Irish Distillers International Limited                                   | <b>111241</b> | Cl. 9. 19 December 2023. ALLOY RODS CORPORATION                 |
| <b>251270</b>  | Cl. 32, Cl. 33. ALDI STORES (IRELAND) LIMITED                                    | <b>112030</b> | Cl. 7. 29 December 2023. KRUPS GmbH                             |
| <b>251338</b>  | Cl. 44. Beacon Medical Group Limited   | <b>116159</b> | Cl. 9. 19 December 2023. ALLOY RODS CORPORATION                 |
| <b>251442</b>  | Cl. 29, Cl. 30. MOLKEREI ALOIS MÜLLER GMBH & CO. KG                              | <b>116631</b> | Cl. 30. 16 December 2023. Jacobs Douwe Egberts DE GmbH          |
| <b>254164</b>  | Cl. 5, Cl. 10. ANDOVER HEALTHCARE, INC.  | <b>228384</b> | Cl. 5. 17 December 2023. ALDI STORES (IRELAND) LIMITED          |
| <b>264331</b>  | Cl. 29, Cl. 31, Cl. 32. BOYER SA   | <b>228387</b> | Cl. 32. 16 December 2023. ALDI STORES (IRELAND) LIMITED         |
| <b>Renewal Fees unpaid at date of expiry of Registration or renewal thereof - Rule 39(1) of the 1996 Rules</b> |  |               |   |
| <b>44923</b>   | Cl. 3. 02 December 2023. Ultimark Products LLC                                   | <b>228389</b> | Cl. 5. 16 December 2023. PINWOOD LABORATORIES LIMITED           |
| <b>46423</b>   | Cl. 25. 28 December 2023. HAMPTON CAPITAL LTD                                    | <b>228419</b> | Cl. 2. 02 December 2023. AKZO NOBEL COATINGS INTERNATIONAL B.V. |
| <b>64014</b>   | Cl. 9. 11 December 2023. UP Global Sourcing UK Limited                           | <b>228420</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
| <b>76056</b>   | Cl. 31. 10 December 2023. HUVEPHARMA JSC   | <b>228421</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
| <b>76311</b>   | Cl. 10. 29 December 2023. BIO-MEDICAL RESEARCH LIMITED                           | <b>228422</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
| <b>106853</b>  | Cl. 1. 20 December 2023. CHEMSON Polymer-Additive AG                             | <b>228430</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
| <b>106854</b>  | Cl. 1. 20 December 2023. CHEMSON Polymer-Additive AG                             | <b>228435</b> | Cl. 33. 03 December 2023. MARKS AND SPENCER P.L.C.              |
| <b>107013</b>  | Cl. 10. 06 December 2023. Kulzer GmbH  | <b>228436</b> | Cl. 33. 03 December 2023. MARKS AND SPENCER P.L.C.              |
| <b>107018</b>  | Cl. 1. 12 December 2023. BASF SE   | <b>228437</b> | Cl. 30. 03 December 2023. ALDI STORES (IRELAND) LIMITED         |
| <b>107019</b>  | Cl. 9. 14 December 2023. DSG RETAIL IRELAND LIMITED                              | <b>228438</b> | Cl. 2. 02 December 2023. AKZO NOBEL COATINGS INTERNATIONAL B.V. |
| <b>107029</b>  | Cl. 5. 29 December 2023. BAXTER INTERNATIONAL INC.                               | <b>228439</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
| <b>107214</b>  | Cl. 16. 21 December 2023. General Media Communications, Inc.                     | <b>228441</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
| <b>107215</b>  | Cl. 16. 21 December 2023. FORUM PRESS LIMITED                                    | <b>228442</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED   |
|  |  | <b>228443</b> | Cl. 2. 02 December 2023. AKZO NOBEL COATINGS INTERNATIONAL B.V. |

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|---------------|--|---------------|---|
| <b>228444</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>229249</b> | Cl. 44. 08 December 2023. CONSTANCE CASSIDY   |
| <b>228445</b> | Cl. 2. 02 December 2023. AKZO NOBEL COATINGS INTERNATIONAL B.V.      | <b>229483</b> | Cl. 16, Cl. 36. 15 December 2023. EAGLE STAR LIFE ASSURANCE COMPANY OF IRELAND LIMITED          |
| <b>228447</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>229523</b> | Cl. 9, Cl. 16, Cl. 35, Cl. 36, Cl. 38, Cl. 42. 11 December 2023. CREDIT AGRICOLE S.A.           |
| <b>228449</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>229778</b> | Cl. 9. 07 December 2023. NEC PLATFORMS, LTD.  |
| <b>228450</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>229920</b> | Cl. 19. 14 December 2023. KNAUF (UK) GMBH   |
| <b>228451</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>230107</b> | Cl. 29, Cl. 30, Cl. 32. 21 December 2023. MOLKEREI ALOIS MÜLLER GMBH & CO. KG                   |
| <b>228452</b> | Cl. 33. 03 December 2023. MARKS AND SPENCER P.L.C.                   | <b>230147</b> | Cl. 30. 17 December 2023. ALDI STORES (IRELAND) LIMITED   |
| <b>228456</b> | Cl. 33. 02 December 2023. FIRST IRELAND SPIRIT COMPANY LIMITED       | <b>249962</b> | Cl. 35. 04 December 2023. ALDAGH MCDONOGH   |
| <b>228474</b> | Cl. 2. 10 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>249974</b> | Cl. 16, Cl. 28. 09 December 2023. KATHLEEN WINIFRED WALSH                                       |
| <b>228478</b> | Cl. 3, Cl. 5. 11 December 2023. JOHNSON & JOHNSON                    | <b>249976</b> | Cl. 21. 10 December 2023. THOMAS BYRNE  |
| <b>228492</b> | Cl. 2. 02 December 2023. IMPERIAL CHEMICAL INDUSTRIES LIMITED        | <b>249981</b> | Cl. 35. 09 December 2023. EZLiving Furniture  |
| <b>228495</b> | Cl. 16. 10 December 2023. High Scope Educational Research Foundation | <b>249982</b> | Cl. 35. 09 December 2023. EZLiving Furniture  |
| <b>228563</b> | Cl. 30. 11 December 2023. DUIBHNE DIOLTOIR LÓIN TEO T/A D.D.L. CAKES | <b>249998</b> | Cl. 16. 16 December 2023. BLOW PHOTO MAGAZINE   |
| <b>228576</b> | Cl. 11. 29 December 2023. Koninklijke Philips Electronics N.V.       | <b>250000</b> | Cl. 35. 04 December 2023. JIM MACDERMOTT  |
| <b>228600</b> | Cl. 33. 03 December 2023. MARKS AND SPENCER P.L.C.                   | <b>250002</b> | Cl. 29. 05 December 2023. MATTHEW BROWNIE (THE NO NONSENSE FOOD COMPANY)                        |
| <b>228605</b> | Cl. 5. 02 December 2023. AstraZeneca AB                              | <b>250003</b> | Cl. 5. 05 December 2023. Pharmaton AG   |
| <b>228621</b> | Cl. 25. 30 December 2023. Aldi Stores (Ireland) Limited              | <b>250006</b> | Cl. 11, Cl. 21. 10 December 2023. KEANE'S WHOLESALE LTD.  |
| <b>228640</b> | Cl. 20. 17 December 2023. EDWARD COLLINS                             | <b>250014</b> | Cl. 24. 18 December 2023. QI SHI  |
| <b>228686</b> | Cl. 3. 11 December 2023. ALDI STORES (IRELAND) LIMITED               | <b>250015</b> | Cl. 16, Cl. 35, Cl. 42. 17 December 2023. NEWSQUEST MEDIA GROUP LIMITED                         |
| <b>228697</b> | Cl. 35. 22 December 2023. RADIX CONSULTANCY LIMITED                  | <b>250018</b> | Cl. 35. 13 December 2023. RACHEL DALTON COMMUNICATIONS LIMITED                                  |
| <b>228758</b> | Cl. 41. 08 December 2023. CONSTANCE CASSIDY                          | <b>250019</b> | Cl. 35. 18 December 2023. GERARD MOLLOY   |
| <b>228759</b> | Cl. 41. 08 December 2023. CONSTANCE CASSIDY                          | <b>250020</b> | Cl. 32. 18 December 2023. SEAN MORAN  |
| <b>228760</b> | Cl. 20. 08 December 2023. CONSTANCE CASSIDY                          | <b>250021</b> | Cl. 1, Cl. 4, Cl. 6, Cl. 7, Cl. 11, Cl. 37, Cl. 39, Cl. 42. 17 December 2023. CALOR GAS LIMITED |
| <b>228761</b> | Cl. 41, Cl. 43. 08 December 2023. CONSTANCE CASSIDY                  | <b>250031</b> | Cl. 4. 06 December 2023. GALTEE FUELS LTD   |
| <b>228762</b> | Cl. 41. 08 December 2023. CONSTANCE CASSIDY                          | <b>250037</b> | Cl. 18, Cl. 25. 02 December 2023. WILLIAM COUGHLAN  |
| <b>228788</b> | Cl. 19. 14 December 2023. Etex Ireland Limited                       | <b>250038</b> | Cl. 11. 30 December 2023. PHILIP MICHAEL BASSETT  |
| <b>229088</b> | Cl. 9. 16 December 2023. PRINCO CORP.                                |               |   |

|               |   |               |   |
|---------------|---|---------------|---|
| <b>250041</b> | Cl. 42. 23 December 2023. ABBVIE INC.   | <b>250825</b> | Cl. 29, Cl. 30. 17 December 2023. MOY PARK LIMITED  |
| <b>250042</b> | Cl. 44. 23 December 2023. ABBVIE INC.   | <b>250835</b> | Cl. 16, Cl. 35, Cl. 36, Cl. 37, Cl. 39, Cl. 40, Cl. 41, Cl. 42, Cl. 44, Cl. 45. 30 December 2023. LIMERICK CITY AND COUNTY COUNCIL                                  |
| <b>250062</b> | Cl. 32. 31 December 2023. THE WICKLOW BREWERY LTD   | <b>250854</b> | Cl. 21. 12 December 2023. KIERAN FLYNN  |
| <b>250073</b> | Cl. 37. 31 December 2023. ROBERT DILLON AND (CREME HOUSE COSMETICS)                                     | <b>250888</b> | Cl. 18, Cl. 22. 23 December 2023. MAMUKKO   |
| <b>250081</b> | Cl. 30. 10 December 2023. ORIEL SEA SALT COMPANY LTD  | <b>250911</b> | Cl. 5, Cl. 29. 06 December 2023. IRISH GOLD INFANT FORMULA LIMITED  |
| <b>250102</b> | Cl. 5, Cl. 16, Cl. 35, Cl. 44. 06 December 2023. UNIPHAR PLC  | <b>250962</b> | Cl. 35. 19 December 2023. BRAND TACTICS LIMITED   |
| <b>250103</b> | Cl. 35, Cl. 42. 19 December 2023. RFID TECHNOLOGIES LTD   | <b>251368</b> | Cl. 9, Cl. 38. 03 December 2023. GENISIS INNOVATION SOFTWARE LIMITED  |
| <b>250107</b> | Cl. 28. 09 December 2023. NIALL MAHER   | <b>251748</b> | Cl. 5, Cl. 8, Cl. 9, Cl. 16, Cl. 21, Cl. 25, Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 33, Cl. 35, Cl. 36, Cl. 38, Cl. 39, Cl. 41. 04 December 2023. TESCO STORES LIMITED |
| <b>250108</b> | Cl. 28. 09 December 2023. NIALL MAHER   | <b>251960</b> | Cl. 1, Cl. 4, Cl. 9, Cl. 35, Cl. 36, Cl. 37, Cl. 38, Cl. 39, Cl. 40, Cl. 42. 19 December 2023. Ervia  |
| <b>250121</b> | Cl. 41. 10 December 2023. RESTAURANTS ASSOCIATION OF IRELAND  | <b>252334</b> | Cl. 9, Cl. 42. 20 December 2023. ADAPTIVE MOBILE SECURITY LIMITED   |
| <b>250132</b> | Cl. 9, Cl. 16, Cl. 25, Cl. 28, Cl. 41. 09 December 2023. AT IT AGAIN!                                   | <b>252335</b> | Cl. 9, Cl. 42. 20 December 2023. ADAPTIVE MOBILE SECURITY LIMITED   |
| <b>250165</b> | Cl. 6, Cl. 8, Cl. 20. 18 December 2023. LLOYD PASCAL & CO LTD   | <b>253087</b> | Cl. 16, Cl. 25, Cl. 41. 23 December 2023. PAUL DAVIS  |
| <b>250170</b> | Cl. 9, Cl. 42. 19 December 2023. GILLEN JOYCE   | <b>254008</b> | Cl. 30. 18 December 2023. CONOR MCGUINNESS  |
| <b>250177</b> | Cl. 16. 10 December 2023. ORLA KERR   | <b>257261</b> | Cl. 9, Cl. 42. 18 December 2023. CATALOGIC SOFTWARE, INC.   |
| <b>250325</b> | Cl. 29, Cl. 30, Cl. 31, Cl. 32, Cl. 35, Cl. 43. 02 December 2023. COMPASS GROUP, UK AND IRELAND LIMITED |               |   |
| <b>250365</b> | Cl. 9, Cl. 38, Cl. 42. 31 December 2023. DROPBOX, INC.  |               |   |
| <b>250411</b> | Cl. 35. 25 December 2023. MARY DALY & ASSOCIATES  |               |   |
| <b>250438</b> | Cl. 3, Cl. 39. 23 December 2023. SANDRA SHEERIN   |               |   |
| <b>250487</b> | Cl. 36. 10 December 2023. NEW IRELAND ASSURANCE COMPANY PLC   |               |   |
| <b>250569</b> | Cl. 35, Cl. 36, Cl. 41, Cl. 42, Cl. 43. 17 December 2023. COWORKINN LIMITED                             |               |   |
| <b>250570</b> | Cl. 35, Cl. 36, Cl. 41, Cl. 42, Cl. 43. 19 December 2023. COWORKINN LIMITED                             | <b>43334</b>  | Cl. 1. GLCC Laurel, LLC   |
| <b>250575</b> | Cl. 14, Cl. 16, Cl. 18, Cl. 25, Cl. 35. 13 December 2023. ALUMNI DESIGNS LTD.                           | <b>43335</b>  | Cl. 2. GLCC Laurel, LLC   |
| <b>250822</b> | Cl. 29, Cl. 30. 17 December 2023. MOY PARK LIMITED  | <b>44484</b>  | Cl. 9. Capitol Records, LLC   |
| <b>250824</b> | Cl. 29, Cl. 30. 17 December 2023. MOY PARK LIMITED  | <b>44632</b>  | Cl. 3. Colgate-Palmolive Company  |
|               |   | <b>46420</b>  | Cl. 3. COLGATE-PALMOLIVE COMPANY  |
|               |   | <b>63397</b>  | Cl. 21. FREUDENBERG HOME AND CLEANING SOLUTIONS GmbH  |
|               |   | <b>63428</b>  | Cl. 23, 25. DRALON GmbH   |

**Trade Marks Removed from  
the Register under Section 48  
and Rule 39(2) of the 1996 Act  
and Rules.**

|               |  |               |   |
|---------------|--|---------------|---|
| <b>63661</b>  | Cl. 29, 30. KNORR-NAHRMITTEL AKTIENGESELLSCHAFT                                | <b>175756</b> | Cl. 9. SOLA INTERNATIONAL INC.  |
| <b>64330</b>  | Cl. 24. DORMEUIL FRERES  | <b>175903</b> | Cl. 3. AVON PRODUCTS, INC.  |
| <b>64333</b>  | Cl. 11. Koninklijke Philips Electronics N.V.                                   | <b>176016</b> | Cl. 3. Avon Products Inc.   |
| <b>73568</b>  | Cl. 1. BK Giulini GmbH   | <b>176045</b> | Cl. 34. IMPERIAL TOBACCO LIMITED  |
| <b>73676</b>  | Cl. 3. Wella International Operations Switzerland Sàrl                         | <b>176238</b> | Cl. 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 17. Denso Corporation                                   |
| <b>73679</b>  | Cl. 5. NOVARTIS AG.  | <b>176323</b> | Cl. 3. Colgate-Palmolive Company  |
| <b>74441</b>  | Cl. 27. IMPERIAL HOME DECOR GROUP MANAGEMENT, INC.                             | <b>176499</b> | Cl. 3. Unilever Global IP Limited   |
| <b>104847</b> | Cl. 5. ASTRAZENECA UK LIMITED  | <b>176752</b> | Cl. 3. Zadafo Verwaltungsgesellschaft mbH   |
| <b>104850</b> | Cl. 1. Siemens Healthcare Diagnostics Inc.                                     | <b>177033</b> | Cl. 9, 16. AUTO TRADER LIMITED  |
| <b>104859</b> | Cl. 5. Ipsen Consumer Healthcare   | <b>177056</b> | Cl. 3, 5, 21. RECKITT BENCKISER (UK) LIMITED  |
| <b>104862</b> | Cl. 33. STELLENBOSCH FARMERS' WINERY LIMITED                                   | <b>177166</b> | Cl. 16. LONDON STOCK EXCHANGE PLC   |
| <b>105415</b> | Cl. 30. Kraft Foods Belgium Intellectual Property                              | <b>227273</b> | Cl. 6. ST. CROIX FORGE, INC   |
| <b>105626</b> | Cl. 1. AGLUKON Spezialdünger GmbH & Co. KG                                     | <b>227274</b> | Cl. 3, 21. Unilever Global IP Limited   |
| <b>106533</b> | Cl. 19. WEN-PLAST LIMITED, (formerly PALGHET LIMITED)                          | <b>227275</b> | Cl. 38. Sky Limited   |
| <b>107327</b> | Cl. 30. JELLY BELLY CANDY COMPANY  | <b>227277</b> | Cl. 9. ADVANCE MAGAZINE PUBLISHERS, INC.  |
| <b>107328</b> | Cl. 30. JELLY BELLY CANDY COMPANY  | <b>227404</b> | Cl. 32. Britvic Ireland Limited   |
| <b>107946</b> | Cl. 12. FIAT AUTO S.p.A.   | <b>227423</b> | Cl. 15. JOHN HORNBY SKEWES & CO LTD   |
| <b>108308</b> | Cl. 21. Mapa Spontex UK Limited  | <b>227424</b> | Cl. 15. JOHN HORNBY SKEWES & CO LTD   |
| <b>110658</b> | Cl. 3. COLGATE-PALMOLIVE COMPANY   | <b>227433</b> | Cl. 33. FINCA LA CELIA S.A.   |
| <b>113010</b> | Cl. 2. POLYCELL PRODUCTS LIMITED   | <b>227438</b> | Cl. 3. Unilever Global IP Limited   |
| <b>114634</b> | Cl. 2. AKZO NOBEL COATINGS INTERNATIONAL B.V.                                  | <b>227439</b> | Cl. 19, 37. GLOBAL WINDOWS (IRELAND) LTD  |
| <b>172351</b> | Cl. 5. Viatris GmbH & Co. KG   | <b>227442</b> | Cl. 25. FL Europe Holdings, Inc.  |
| <b>172664</b> | Cl. 11. WHIRLPOOL EUROPE SRL.  | <b>227443</b> | Cl. 7. JOHN KEHOE   |
| <b>172665</b> | Cl. 5, 32. HERMES FABRIK PHARMAZEUTISCHER PRÄPARATE FRANZ GRADINGER GmbH & Co. | <b>227447</b> | Cl. 5. JOHNSON & JOHNSON  |
| <b>173462</b> | Cl. 12. PIAGGIO & C. S.p.A.  | <b>227453</b> | Cl. 3, 5, 10, 21, 40. GLAXOSMITHKLINE CONSUMER HEALTHCARE S.A.  |
| <b>173616</b> | Cl. 5. NOVARTIS AG   | <b>227484</b> | Cl. 3, 21. HENKEL AG & CO. KGaA   |
| <b>174184</b> | Cl. 3. Zadafo Verwaltungsgesellschaft mbH                                      | <b>227486</b> | Cl. 28. CRAIG O'BRIEN   |
| <b>174545</b> | Cl. 3. Colgate-Palmolive Company   | <b>227488</b> | Cl. 16 TASTE OF DUBLIN  |
| <b>175396</b> | Cl. 5. Biofarma  | <b>227493</b> | Cl. 6, 33. Castle Commercial Enterprises Limited  |
| <b>175430</b> | Cl. 22. SICOR-SOCIEDADE INDUSTRIAL DE CORDOARIA S.A.                           | <b>227498</b> | Cl. 28. ROBERT SCANLAN  |
| <b>175431</b> | Cl. 33. VIÑA SANTA MONICA LTDA   | <b>227969</b> | Cl. 42. ENDA HAYES  |
| <b>175456</b> | Cl. 5. B. BRAUN MELSUNGEN AKTIENGESELLSCHAFT                                   | <b>227998</b> | Cl. 9. Kabushiki Kaisha Buffalo   |
| <b>175477</b> | Cl. 3. Zadafo Verwaltungsgesellschaft mbH                                      | <b>228606</b> | Cl. 9. ARMSTRONG ELECTRONICS LTD  |
| <b>175503</b> | Cl. 5. BASF SE   | <b>229143</b> | Cl. 1, 3, 5, 6, 7, 9, 11, 16, 18, 21, 25, 28, 29, 30, 31, 32, 33, 34, 35. ALDI STORES (IRELAND) LIMITED |
| <b>175507</b> | Cl. 30. A. Nattermann & Cie. GmbH  | <b>229247</b> | Cl. 36. SOCIETY OF MISSIONARY CHILDREN  |
| <b>175508</b> | Cl. 5. A. Nattermann & Cie. GmbH   | <b>229720</b> | Cl. 21. COLGATE-PALMOLIVE COMPANY   |
| <b>175537</b> | Cl. 30. BURTON'S FOODS LIMITED   | <b>231597</b> | Cl. 29, 30. Pilgrim's Food Masters Ireland Limited  |
|               |  | <b>234010</b> | Cl. 4, 35, 37. Dublin Gas & Electric Limited  |

|               |   |               |  |
|---------------|---|---------------|--|
| <b>235404</b> | Cl. 30. CADBURY UK LIMITED                                    | <b>249193</b> | Cl. 39. GERRY COLLINS  |
| <b>249034</b> | Cl. 18, 20, 24, 31. JAMES A BARRY & CO                        | <b>249196</b> | Cl. 33. DEIRDRE THERESE HAHN                                 |
| <b>249038</b> | Cl. 16, 21. Boyne Valley Unlimited Company                    | <b>249201</b> | Cl. 44. ANNA SCHULMEISTRAT                                   |
| <b>249046</b> | Cl. 36. ASSET BROK'AIR LIMITED                                | <b>249206</b> | Cl. 2, 9, 42. AKZO NOBEL COATINGS INTERNATIONAL B.V.         |
| <b>249050</b> | Cl. 44. ANIMAL HEALTH IRELAND                                 | <b>249209</b> | Cl. 11. FOXDEN TECHNOLOGIES (IRL) LTD                        |
| <b>249074</b> | Cl. 9. C-FIRST FOR SAFETY LTD                                 | <b>249213</b> | Cl. 31. SEAHORSE ATLANTIC LTD                                |
| <b>249078</b> | Cl. 9, 38. Carphone Warehouse Ireland Mobile Limited          | <b>249214</b> | Cl. 41. THE FESTIVAL OF CURIOSITY LIMITED                    |
| <b>249081</b> | Cl. 19. BRIAN NOLAN   | <b>249216</b> | Cl. 7. ZHENGZHOU YUTONG GROUP CO., LTD.                      |
| <b>249087</b> | Cl. 11, 17, 19, 42. GLOWROUTE PRODUCTS LTD                    | <b>249222</b> | Cl. 33. VIÑA MORANDÉ S.A.                                    |
| <b>249099</b> | Cl. 3. ALDI STORES (IRELAND) LIMITED                          | <b>249224</b> | Cl. 9, 38, 44. FRESENIUS KABI AG                             |
| <b>249100</b> | Cl. 3. HFC Prestige International Operations Switzerland Sarl | <b>249242</b> | Cl. 30. Irish Pride Fine Foods Unlimited Company             |
| <b>249106</b> | Cl. 6. PYRASCAF SAFE SOLUTIONS LTD                            | <b>249243</b> | Cl. 30. Irish Pride Fine Foods Unlimited Company             |
| <b>249108</b> | Cl. 44. ADEPT MEDICAL LIMITED                                 | <b>249247</b> | Cl. 16, 28, 41. VERONICA YEOMANS                             |
| <b>249110</b> | Cl. 30. Unilever IP Holdings B.V.                             | <b>249355</b> | Cl. 9, 16, 25, 28, 41. Dermot Dalton                         |
| <b>249121</b> | Cl. 41. FRANCIS CONWAY  | <b>249369</b> | Cl. 44. ANIMAL HEALTH IRELAND                                |
| <b>249126</b> | Cl. 33. JUICE HUNT LTD  | <b>249374</b> | Cl. 29, 43. HERTERICH ARTISAN BUTCHERS LTD.                  |
| <b>249128</b> | Cl. 29, 30. GLORIOUS KITCHEN                                  | <b>249398</b> | Cl. 16. DAIRYGOLD AGRI BUSINESS LTD                          |
| <b>249142</b> | Cl. 9. CLEVERMILES LIMITED                                    | <b>249421</b> | Cl. 9, 16, 25, 36, 41, 44. IRISH MEN'S SHEDS ASSOCIATION LTD |
| <b>249149</b> | Cl. 33. C&C IP UK LIMITED                                     | <b>249428</b> | Cl. 9. DH2 SOFTWARE LIMITED                                  |
| <b>249157</b> | Cl. 12, 35, 37. MODERN TYRE SERVICE LIMITED                   | <b>249442</b> | Cl. 30. ABC FOOD STORE LTD                                   |
| <b>249159</b> | Cl. 39. O'CONNOR AUTOTOURS LTD                                | <b>249521</b> | Cl. 9. SHANLEY INDUSTRIAL ENGINEERING LTD.                   |
| <b>249165</b> | Cl. 3. JOHNSON & JOHNSON                                      | <b>249577</b> | Cl. 7, 41. JOHN BOURKE ENGINEERING LTD.                      |
| <b>249166</b> | Cl. 25. SHOELINK IRELAND LIMITED                              | <b>249600</b> | Cl. 36, 45. ARNOLD STEVENSON                                 |
| <b>249167</b> | Cl. 3, 5. JOHNSON & JOHNSON                                   | <b>249618</b> | Cl. 29, 30, 43. Pilgrim's Food Masters UK Limited            |
| <b>249168</b> | Cl. 21, 30. ROSCOMMON CHOCOLATE COMPANY LIMITED               | <b>249690</b> | Cl. 9, 38. KM Licensing S.A.R.L.                             |
| <b>249169</b> | Cl. 31. INFORM NUTRITION IRELAND LTD                          | <b>249703</b> | Cl. 16, 41, 43. THE PARK ACADEMY LIMITED                     |
| <b>249170</b> | Cl. 31. INFORM NUTRITION IRELAND LTD                          | <b>249784</b> | Cl. 9, 16, 25, 35, 36, 41, 42. AISLING HURLEY                |
| <b>249173</b> | Cl. 9. ARANTICO LTD   | <b>249815</b> | Cl. 29, 30, 32. MOLKEREI ALOIS MÜLLER GMBH & CO. KG          |
| <b>249174</b> | Cl. 29, 30. Pilgrim's Food Masters UK Limited                 | <b>249855</b> | Cl. 5. DIRK VERHAEGHE  |
| <b>249176</b> | Cl. 35, 38, 41, 42. TOTAL FUNDRAISING LIMITED                 | <b>250194</b> | Cl. 38, 41, 45. Spark Networks Services GmbH                 |
| <b>249177</b> | Cl. 35, 38, 41, 42. TOTAL FUNDRAISING LIMITED                 | <b>250455</b> | Cl. 9, 38. KM Licensing S.A.R.L.                             |
| <b>249183</b> | Cl. 9. PIXCELLDATA LTD.                                       | <b>252820</b> | Cl. 9, 10. Alcon Inc.  |
| <b>249185</b> | Cl. 33. COOMARA IRISH SPIRITS LIMITED                         | <b>254145</b> | Cl. 5, 35. BIKE KIT LIMITED                                  |
| <b>249188</b> | Cl. 32. SHELTA BEER COMPANY LIMITED                           |               |  |
| <b>249191</b> | Cl. 32. SHELTA BEER COMPANY LIMITED                           |               |  |
| <b>249192</b> | Cl. 10. SYNCROPHI SYSTEMS LTD                                 |               |  |

## International Registrations under the Madrid Protocol seeking protection in the State.

Any person desiring to oppose the conferring of protection in the State to the undermentioned marks may, within three months from the date of this Journal give notice to the Controller, in accordance with the provisions of Rule 18.

It should be noted that under the provisions of Rule 63(2) no extension of the opposition period is allowed for lodging opposition under Rule 18.

It is desirable before lodging formal opposition that a communication should be addressed to the holder affording him an opportunity to withdraw his application for protection of the International Registration in the State. In this way cost of opposition proceedings may be avoided.



1333473 01/11/2023

Class 6. Common metals and their alloys and semi-finished products made of these materials; valves of metal other than parts of machines; ironmongery, small hardware of metal; pipes of metal for transportation of liquids and gas and their metal fittings, valves of metal, drilling pipes of metal; metal closures, bottle caps of metal; metal valves, not included in other classes, namely, ball valves, check valves, gate valves, stop valves, mini valves, angle valves; radiator fittings, manifolds of metal for pipelines, metal couplings for pipes, air vents, corrugated stainless steel hoses for gas supply, pipes of metal for liquid and gas transfer, metal hoses for plumbing use, metal hoses for solar heating systems.

KAYALAR PRES DÖKÜM SANAYI VE TİCARET LIMITED SİRKETİ, Eyüp Sultan Mah., Mezarlık Yolu Sok. No: 4/1, Sancaktepe, İstanbul, Türkiye

Colour Claimed: Blue, white, red.

Representative: DIS PATENT MARKA TESCİL VE DANISMANLIK HİZMETLERİ LTD. STI, BAY PLAZA Girne Mah. Elifli Sok. No: 27, Kat:5-6-7 PK, Maltepe İstanbul, TR-34852, Türkiye

## CCIS

1646061 19/06/2023

Class 12. Nautical vehicles, namely boats, ships, freighters, barges, container ships; handling vehicles; trucks; vans; handling carts and frames.

Class 37. Servicing, repair and maintenance of port terminals, nautical vehicles and refrigerated vehicles; servicing, repair and maintenance of containers; fitting out, namely on-board installation in a ship of all

Class 39. equipment necessary for the respective type of navigation. Land transport; loading and unloading of merchandise in the port field; packaging of merchandise in the port field; storage of merchandise, containers in the port field; delivery of merchandise; logistics services with respect to transport; port cargo handling; freight forwarder; information with respect to logistics and transport.

Priority Date Claimed: 27 August 2021 France

CMA CGM INLAND SERVICES, 4 quai d'Arcen, boulevard Jacques Saadé, F-13235 Marseille cedex 02, France

Notings: The request for protection is proceeding with the consent of the Proprietors of European Union Trade Mark No 14343248.

Representative: MIIP - MADE IN IP, 60 rue Pierre Charron, F-75008 Paris, France

Address for service: TOMKINS & CO., 5 Dartmouth Road, Dublin 6, Ireland

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## ROLLERMOUSE

**1662751** 02/02/2022

Class 42. Scientific and technological services and research and design relating thereto; industrial analysis, industrial research and industrial design services; quality control and authentication; design and development of computer hardware and software; professional consultancy relating to ergonomic interior design within the field of

computer work tasks; home office interior design consultation; ergonomic interior design consultation.

Priority Date Claimed: 12 January 2022 Denmark

Contour Design Nordic A/S, Borupvang 5B, st., DK-2750 Ballerup, Denmark

Representative: LØJE IP, Øster Allé 42, 6th, DK-2100 Copenhagen Ø, Denmark



**1731766** 31/03/2023

Class 25. Clothing; footwear; headgear; underwear; socks.

Class 35. Import-export agencies, the bringing together for the benefit of others of a variety of goods, namely, perfumery, cosmetics, sun glasses, jewellery, imitation jewellery, gold, precious stones and jewellery made thereof, clocks, watches, bedspreads, pillow shams, towels of textile, clothing, including underwear and outerclothing, other than special purpose protective clothing, socks, mufflers, shawls, bandanas, scarves, belts, footwear, shoes, slippers, sandals, headgear, hats, berets, caps, enabling customers to conveniently view and purchase those goods.

DIDO KONFEKSIYON TEKSTIL TICARET VE SANAYII LIMITED SİRKETİ, YENİBOSNA MERKEZ MAH., CEMAL ULUSOY CAD. 49, BAĞÇELİEVLER, İSTANBUL, Türkiye

Representative: PATENT-IS SINAI MÜLKİYET HİZMETLERİ LIMITED SİRKETİ, Yesilköy

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Mah. Çekmece Cad., No:48/5  
Yesilköy Bakirköy, TR-34149  
ISTANBUL, Türkiye



1739678 14/03/2023

Class 7. Machines, machine tools and industrial robots for processing and shaping wood, metals, glass, plastics and minerals, 3D printers; construction machines and robotic mechanisms (machines) for use in construction, bulldozers, diggers (machines), excavators, road construction and road paving machines, drilling machines, rock drilling machines, road sweeping machines; lifting, loading and transmission machines and robotic mechanisms (machines) for lifting, loading and transmission purposes, elevators, escalators and cranes; machines and robotic mechanisms (machines) for use in agriculture and animal breeding, machines and robotic mechanisms (machines) for processing cereals, fruits, vegetables and food; engines and motors, other than for land vehicles, parts and fittings therefor, hydraulic and pneumatic controls for engines and motors, brakes other than for vehicles, brake linings for engines, crankshafts, gearboxes, other than for land vehicles, gearboxes, cylinders for engines, pistons for engines, turbines, not for land

vehicles, filters for engines and motors, oil, air and fuel filters for land vehicle engines, exhausts for land vehicle engines, exhaust manifolds for land vehicle engines, engine cylinders for land vehicles, engine cylinder heads for land vehicles, pistons for land vehicle engines, carburetors for land vehicles, fuel conversion apparatus for land vehicle engines, injectors for land vehicle engines, fuel economisers for land vehicle engines, pumps for land vehicle engines, valves for land vehicle engines, starter motors for land vehicles, dynamos for land vehicle engines, sparking plugs for land vehicle engines; bearings (parts of machines), roller or ball bearings; machines for mounting and detaching tires; alternators, current generators, electric generators, current generators operated with solar energy; painting machines, automatic spray guns for paint, electric, hydraulic and pneumatic punching machines and guns, electric adhesive tape dispensers (machines), electric guns for compressed gas or liquid spraying machines, electric hand drills, electric hand saws, electric jigsaw machines, spiral machines, compressed air machines, compressors (machines), vehicle washing installations, robotic mechanisms (machines) with the abovementioned functions; electric and gas-operated welding apparatus, electric arc welding apparatus, electric soldering apparatus, electric arc cutting apparatus, electrodes for welding machines, industrial robots (machines) with the abovementioned functions; printing machines; packaging machines, filling, plugging



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| Class 9. | and sealing machines, labellers (machines), sorting machines, industrial robots (machines) with the abovementioned functions, electric packing machines for plugging and sealing of plastics; machines for textile processing, sewing machines, industrial robots (machines) with the abovementioned functions; aerating pumps, suction pumps, macerator pumps, fuel dispensing pumps for service stations, self-regulating fuel pumps; electric kitchen machines for chopping, grinding, crushing, mixing and mincing foodstuff, washing machines, laundry washing machines, dishwashers, spin driers (not heated), electric cleaning machines for cleaning floors, carpets or floorings, vacuum cleaners and parts thereof; automatic vending machines; galvanizing and electroplating machines; electric door openers and closers; joints (parts of engines).<br>Measurement apparatus and equipment including those for scientific, nautical, topographic, meteorologic, industrial and laboratory purposes, thermometers, not for medical purposes, barometers, ammeters, voltmeters, hygrometers, testing apparatus not for medical purposes, telescopes, periscopes, directional compasses, speed indicators, laboratory apparatus, microscopes, magnifying glasses, stills, ovens and furnaces for laboratory experiments; apparatus for recording, transmission or reproduction of sound or images, cameras, photographic cameras, television apparatus, video recorders, CD and DVD players and recorders, MP3 players, computers, desktop | computers, tablet computers, microphones, loudspeakers, earphones, telecommunications apparatus, apparatus for the reproduction of sound or images, computer peripheral devices, cell phones, covers for cell phones, telephone apparatus, computer printers, scanners [data processing equipment], photocopiers; magnetic and optic data carriers and computer software and programmes recorded thereto, downloadable and recordable electronic publications, encoded magnetic and optic cards; antennas, satellite antennas, amplifiers for antennas, parts of the aforementioned goods; automatic teller machines (ATM); electronic components used in the electronic parts of machines and apparatus, semi-conductors, electronic circuits, integrated circuits, chips [integrated circuits], diodes, transistors [electronic], magnetic heads for electronic apparatus, electronic locks, photocells, remote control apparatus for opening and closing doors, optical sensors; counters and quantity indicators for measuring the quantity of consumption, automatic time switches; clothing for protection against accidents, irradiation and fire, safety vests and life-saving apparatus and equipment; eyeglasses, sunglasses, optical lenses and cases, containers, parts and components thereof; apparatus and instruments for conducting, transforming, accumulating or controlling electricity, electric plugs, junction boxes [electricity], electric switches, circuit breakers, fuses, lighting ballasts, battery starter cables, electrical circuit boards, |
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electric resistances, electric sockets, transformers [electricity], electrical adapters, battery chargers, electric door bells, electric and electronic cables, batteries, electric accumulators; alarms and anti-theft alarms, other than for vehicles, electric bells; signalling apparatus and instruments, luminous or mechanical signs for traffic use; fire extinguishing apparatus, fire engines, fire hose and fire hose nozzles; radar apparatus, sonars, night vision apparatus and instruments.

Class 42. Scientific and industrial analysis and research services, engineering, engineering and architectural design services, testing services for the certification of quality and standards; computer services, namely, computer programming, computer virus protection services, computer system design, creating, maintaining and updating websites for others, computer software design, updating and rental of computer software, providing search engines for the Internet, hosting websites, computer hardware consultancy, rental of computer hardware; industrial design services, other than engineering, computer and architectural design, graphic arts designing.

TEZMAKSAN ROBOT VE OTOMASYON  
TEKNOLOJILERI SANAYI TICARET ANONIM  
SIRKETI, OSMANGAZI MAH. 2647. SK. 15 2,  
Esenyurt, Istanbul, Türkiye

Representative: Lider Fikri Mülkiyet Hizmetleri  
Ticaret Limited Sirketi/Sahin  
SAMUR, Hürriyet Mah.  
Dumlupinar, Cd. Alpar Sitesi.  
Uzun Is, Merkezi NO:30/71,  
Bahçelievler, Istanbul, Türkiye



1749585 28/07/2023

Class 12. Motor land vehicles, motorcycles, mopeds; engines and motors for land vehicles; clutches for land vehicles; transmissions, transmission belts and transmission chains for land vehicles; gearing for land vehicles; brakes, brake discs and brake linings for land vehicles; vehicle chassis, automobile bonnets, vehicle suspension springs, shock absorbers for automobiles, gearboxes for land vehicles, steering wheels for vehicles, rims for vehicle wheels; bicycles and their bodies; handlebars and mudguards for bicycles; vehicle bodies; tipping bodies for trucks; trailers for tractors; frigorific bodies for land vehicles; trailer hitches for vehicles; vehicle seats; head-rests for vehicle seats; safety seats for children, for vehicles; seat covers for vehicles; vehicle covers (shaped); sun-blinds adapted for vehicles; direction signals and arms for direction signals for vehicles; windscreen wipers and wiper arms for vehicles; inner tubes and tires for vehicle wheels; tubeless tires; tire-fixing sets comprised of tire patches and tire valves for vehicles; windows for vehicles, safety windows for vehicles, rearview mirrors and wing

mirrors for vehicles; anti-skid chains for vehicles; luggage carriers for vehicles; bicycle and ski carriers for cars; saddles for bicycles or motorcycles; air pumps for vehicles, for inflating tires; anti-theft alarms for vehicles, horns for vehicles; safety belts for vehicle seats, air bags (safety devices for automobiles); baby carriages, wheelchairs, pushchairs; wheelbarrows; shopping carts; single or multi-wheeled wheelbarrows; shopping trolleys; grocery carts; handling carts; rail vehicles: locomotives; trains; trams; waggons; cable cars; chairlifts; vehicles for locomotion by water and their parts, other than their motors and engines; vehicles for locomotion by air and their parts, other than their motors and engines.

Priority Date Claimed: 27 March 2023 Türkiye

EVRY ELEKTRIKLI ARAÇLAR VE ULASIM ÇÖZÜMLERİ ANONİM SİRKETİ, ÇIFTE HAVUZLAR MAH., ESKİ LONDRA ASFALTI CAD. KULUÇ, KA MRK. D2 BLOK 151 /1F 2B03, Esenler, Istanbul, Türkiye

Representative: BERKE FUNDA  
NORMPATENT MARKA  
PATENT TASARIM ve DAN.  
TIC. LTD. STI., ERZENE  
MAH. 53 SOK., BARIS APT.  
NOI:8/2, BORNOVA/IZMIR,  
Türkiye

Address for  
service: Murgitroyd & Company, 2nd  
Floor, 57 Adelaide Road,  
Dublin 2 DO2 Y3C6, Ireland

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**UNKNOWN RETREATS**

**1762613** 25/09/2023

- Class 35. Commercial business management, organization and administration; office functions; administrative management of hotels, country houses and restaurants; business management of hotels, country houses and restaurants; business administration of companies; professional management of hotel establishments, restaurants and hotels; advertising services; marketing services; business operation of hotels, country houses and restaurants; retail services for dresses, T-shirts, shirts, jerseys, sweatshirts, trousers, footwear, headwear, stationery products, cups, plates, goblets, vases, pitchers, tablecloths, place mats, table mats, napkins, napkin rings, aprons, magnets, calendars, key rings and USB flash drives; promotional services; marketing; product marketing; commercial business management; business assistance, management and administration services; company advisory and consultancy services; promotion of sales; business promotion management assistance.
- Class 36. Leasing of farms; buying and selling of shares; land rental; land acquisition services; financing of real estate development projects; financing of real estate development projects; procurement of financing for real estate promotions; financial securities; underwriting of securities and shares; advice regarding securities and shares; management of securities and shares; trading of securities; securities investment services;

management of transferable securities portfolios; financial administration of shares; stock portfolio management; financial management of shares and participation in own and third-party companies; investment company services; real estate affairs; real property management; real estate business services; consulting in connection with real estate business; financial management of real estate projects; real estate sale services; real estate purchase services.

Priority Date Claimed: 12 September 2023 European Union Intellectual Property Office(EUIPO)

LOVELACE ESTATES SLU, Mas Roure Vell, s/n, E-17853 Tortella, Girona, Spain

Representative: Maria Eugenia Mateu Prades, Serrano, 19, 4º Derecha, E-28004 Madrid, Spain

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## FINERGY

**1765021** 18/07/2023

Class 42. Information technology, internet security, and technical consulting services in the field of cloud computing, on-premises computer software, and off-premises computer software; information technology and internet security consultation for banks and financial institutions; technical consulting services in the field of cloud computing for banks and financial institutions; technical consulting services in the field of on-premises and off-premises computer

software for banks and financial institutions; technical consulting services in the fields of public and private cloud computing solutions, and evaluation and implementation of internet security technology and services, for banks and financial institutions; computer software consultancy for banks and financial institutions; computer technology consultancy for banks and financial institutions; consulting services in the field of selection, implementation and use of computer hardware and software systems for banks and financial institutions.

Priority Date Claimed: 21 January 2023 India

Oracle Financial Services Software Limited, Oracle Park, Off Western Express Highway Goregaon (East), Mumbai, Maharashtra 400063, India

Representative: Fidus Law Chambers, Flat No. 021, Mahagun Maestro, Plot F21A, Sector-50, Noida, UP 201301, India

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## OUTPACING CHANGE

**1765068** 29/09/2023

Class 9. Downloadable electronic publications provided on-line from databases, the Internet or other telecommunications connection, all relating to legal and business consulting services; computer software including software enabling document exchange, electronic file maintenance and communications; computer software for

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- collecting, processing, storing, sharing, reviewing, searching, retrieving, managing, categorizing, coding and producing records, documents, emails, and other materials and information, whether generated or stored electronically or otherwise.
- Class 16. Printed matter, printed publications, pamphlets, brochures, manuals, books, instructional and teaching materials (other than apparatus), all relating to the law and the provision of legal services and business consulting services; printed matter, printed publications, pamphlets, brochures, manuals, books; stationery and writing instruments; publications providing business information.
- Class 35. Business research, compilation and provision of business information; advisory services relating to business information; advisory services relating to business management, business organisation, acquisitions and mergers, franchising, preparation of business reports, provision of information and advisory services all relating to the aforesaid services; business consultancy; the provision of commercial and business information and costs analysis; business project advice, business risk management, business risk (including privacy and data risk) management, business process management; personnel management, selection and recruitment, outplacement services; tax consulting and advisory services; business consulting and advisory services relating to personnel management and health, safety and wellbeing risk, and the development, organization and implementation of related policies and programs for others; business statistical information, data processing; commercial consultancy; business consultancy and providing business information via publications; consultancy on international business management, business consulting and advisory services relating to operational and supply chain management and the development, organisation and implementation of policies and programs in relation to such services; business consulting and advisory services relating to the development, organisation and implementation of policies and programs in relation to technology, cyber and ICT risk.
- Class 36. Financial services provided by solicitors; investment, actuarial and pension services; trusteeship services; financial aspects of taxation, tax planning and tax assessment services; debt recovery and collection; financial services relating to insolvency; consultancy, advisory and information services relating to all the aforesaid service; financial risk management and financial crime risk advisory services.
- Class 41. Arranging and conducting of conferences and seminars; education and training services, all relating to the law and the provision of legal services and business consulting services; provision of information relating to the aforesaid services; provision of information relating to the aforesaid services provided on-line from a computer database, the Internet or other telecommunications connection.
- Class 42. Technical research, studies, inspection, writing, surveying

and testing services; consultancy, advisory and information services relating to all the aforesaid services; computer software services, namely developing, supporting, maintaining, and hosting computer software systems and programs, and providing computer software consulting services; all in the field of litigation and record management software, and in connection with legal and business consulting services; software as a service; consulting and advisory services relating to technology, cyber and ICT risk.

- Class 45. Legal services; legal research, enquiry and investigation services; company formation and registration services; establishment, maintenance and management of intellectual property rights, patent agency and trade mark agency services; legal advocacy, mediation and other dispute resolution services; legal services relating to business; consultancy, advisory and information services relating to all the aforesaid services; legal services relating to governance advisory services; consulting services connected to regulatory change and regulatory enforcement risks; litigation and dispute resolution support services; litigation and dispute support services; legal information services.

Priority Date Claimed: 29 March 2023 Australia

Ashurst LLP, London Fruit & Wool Exchange, 1 Duval Square, London E1 6PW, United Kingdom

Representative: Ashurst Australia, GPO Box 9938, SYDNEY NSW 2001, Australia

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## INBANK

**1766839** 10/11/2023

- Class 36. Finance services; monetary services; financial services relating to insurance; provision of loans; credit services; financial services relating to savings; mortgage loans and financing services; administration of funds and investments; financial management of funds; provision of funds; financial consultancy; insurance information; hire-purchase financing; provision of funds for hire purchase and for leasing; bank card, credit card, debit card and electronic payment card services; financial payment services; processing of payment transactions via the Internet; mobile banking services; banking; factoring; factoring agency services.

Priority Date Claimed: 28 June 2023 Estonia

AS Inbank, Niine tn 11, Pohja-Tallinna linnaosa, EE-10414 Tallinn, Harju maakond, Estonia

Representative: Anna Kosar, Advokaadibüroo COBALT OÜ, Pärnu mnt 15, EE-10141 Tallinn, Estonia

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## Vigor Doctor

**1766850** 03/08/2023

- Class 3. Shampoos; stain removers; polishing wax; perfumery; cosmetics; toothpaste; mouthwashes, not for medical purposes; cosmetics for animals; air fragrancing preparations; incense.
- Class 21. Glass flasks [containers]; pottery; works of art of glass; drinking bottles for sports; drinking vessels; toothbrushes; toothpicks; cosmetic utensils; crystal [glassware]; fly swatters.

Zhang Gan, No. H3-26781 Yiwu International Trade Mart, Zhejiang, China

Representative: ZHEJIANG TOURIN CONSULTANCY LTD., Room 2205, Dachang Building, No. 8 Guangnan Road, Jindong District, Jinhua, Zhejiang, China

## KULISA

**1767432** 18/10/2023

- Class 5. Preparations for destroying vermin; fungicides; herbicides; insecticides.

GALENIKA FITOFARMACIJA a.d., Batajnicki drum bb, 11080 Beograd - Zemun, Serbia

Representative: Dr Ivan Todorovic, avocat, Zmaj Jovina 8-10, 11000 Beograd, Serbia

## International Trade Marks protected in the State

- 0591601** (2498) Cl. 1, 19  
PAGEL Spezial-Beton GmbH & Co. KG of Germany
- 1100016** (2498) Cl. 33  
Australian Vintage Limited of Australia
- 1564345** (2498) Cl. 36  
THE BLACK SANDS PROPERTIES LIMITED of Cyprus
- 1622635** (2498) Cl. 30  
Martin's Famous Pastry Shoppe, Inc. of United States of America
- 1633464** (2498) Cl. 9  
PCS Software, Inc. of United States of America
- 1647102** (2498) Cl. 9, 18, 25, 35, 38, 41, 42, 45  
BeReal of France
- 1657225** (2498) Cl. 38, 42, 45  
MINYASAS DMCC of United Arab Emirates
- 1669343** (2498) Cl. 5  
LABORATOIRE NATIVE of France
- 1695827** (2498) Cl. 3, 5, 32  
Kiva Health Brands LLC of United States of America
- 1708835** (2498) Cl. 36  
HYUNDAI MOTOR COMPANY of Republic of Korea
- 1709766** (2498) Cl. 3, 9, 14  
ROLAND MOURET (HK) LIMITED of China
- 1710232** (2498) Cl. 8, 9, 17, 20, 35, 42, 44  
APTAR FRANCE SAS of France
- 1717756** (2498) Cl. 9  
Voigtländer Gesellschaft mit beschränkter Haftung of Germany
- 1717795** (2498) Cl. 35, 39, 42  
The Martin-Brower Company, L.L.C. of United States of America

**1724654** (2498) Cl. 3, 5, 6, 7, 11, 20,  
22, 23, 27, 29, 30, 31,  
32, 33, 35, 40,

LOUIS VUITTON MALLETIER of France

**1727146** (2498) Cl. 35  
AMBER BEVERAGE GROUP, SIA of Latvia

**1731837** (2498) Cl. 9, 41, 42  
Dropbox, Inc. of United States of America

**1731838** (2498) Cl. 9, 41, 42  
Dropbox, Inc. of United States of America

**1731851** (2498) Cl. 9, 35, 36, 42  
Element 7 B.V. of The Netherlands

**1732061** (2498) Cl. 9  
RUNBUGGY OMI, INC. of United States of  
America

**1734961** (2498) Cl. 9, 42  
Dropbox, Inc. of United States of America

**1735121** (2498) Cl. 20, 24, 35  
B & T S.P.A. of Italy

**1735180** (2498) Cl. 12  
AYZ YEDEK PARÇA PAZARLAMA  
LIMITED SİRKETİ of Türkiye

**1735242** (2498) Cl. 12  
PINNACLE TRADE VENTURES PTE. LTD.  
of Singapore

**1736707** (2498) Cl. 9, 16, 41  
Change Management Institute Incorporated of  
Australia

**1736795** (2498) Cl. 30  
AKCINE BENDROVE "KAUNO GRUDAI"  
of Lithuania

**1736971** (2498) Cl. 14  
Audemars Piguet Holding SA of Switzerland

**1737474** (2498) Cl. 3, 9, 11, 12, 41, 42  
NIO Deutschland GmbH of Germany

**1737488** (2498) Cl. 12, 35  
ABV KALIP VE PLASTIK İMALATI SAÇ  
İSLEME METAL MAKİNE İMALATI  
TURİZM İNŞAAT İTHALAT İHRACAT  
SANAYİ VE TİCARET LIMITED SİRKETİ  
of Türkiye

**1737529** (2498) Cl. 9, 10, 15, 38, 41,  
42, 44, 45

Tina Gega-Hermans de Heel of Switzerland

**1738048** (2498) Cl. 4  
Lance Shaw of United Kingdom

**1738482** (2498) Cl. 39, 43  
ODEON TURİZM İSLETMECİLİĞİ A.Ş. of  
Türkiye

**1738688** (2498) Cl. 12  
Zero Emission Nautic Ltd. of Malta

**1739015** (2498) Cl. 18, 25  
FILIPPO CHEN HAO of Italy

**1739411** (2498) Cl. 9  
EASTMAN AUTO AND POWER LIMITED  
of India

**1739426** (2498) Cl. 16, 41  
TEH YONG GUANG of Malaysia

**1739494** (2498) Cl. 32, 33  
SLAB Ventures BV of The Netherlands

**1739913** (2498) Cl. 32, 33  
PICCADILY AGRO INDUSTRIES  
LIMITED of India

**1739993** (2498) Cl. 9, 16, 35, 38, 41,  
42  
Dr Frost Learning (charity number 1194954)  
of United Kingdom

**1740148** (2498) Cl. 9  
Xiamen Milesight Iot Co., Ltd. of China

**1740204** (2498) Cl. 10  
Shanghai Biotech application Co., Ltd. of  
China

**1740208** (2498) Cl. 1, 29  
BUNGE SA of Switzerland

**1740295** (2498) Cl. 39  
SIDÓNIO MENDES CORREIA of Portugal

**1740381** (2498) Cl. 36, 41  
CHILDREN OF HEROES OF UKRAINE  
FOUNDATION of United States of America

**1741499** (2498) Cl. 3  
NAOS LIGHTHOUSE of France

**1741853** (2498) Cl. 35, 41



Feldman Yevhen of Ukraine

**Cancellations effected for the following goods/services under the Madrid protocol**

- 0827554** HAPPY DAY  
Goods/Services remaining:  
Class 29.  
Preserved, dried and cooked fruits and vegetables; jellies; jams.  
Class 30.  
Coffee, tea, cocoa, artificial coffee; ices; honey; treacle; vinegar, sauces (condiments); fructose.  
Date of Recordal of Cancellation:  
22/12/2023
- 1537896** MIMEO  
Cancellation in respect of all goods and services registered at WIPO on 09/01/2024
- 1614541** Cancellation in respect of all goods and services registered at WIPO on 13/12/2023
- 1641724** Cancellation in respect of all goods and services registered at WIPO on 13/12/2023
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