



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

Het Blad de Industriële Eigendom verschijnt op de derde werkdag van een week. Indien Octrooicentrum Nederland op deze dag is gesloten, wordt de verschijningsdag van het blad verschoven naar de eerstvolgende werkdag, waarop Octrooicentrum Nederland is geopend. Het blad verschijnt alleen in elektronische vorm. Elk nummer van het blad bestaat uit 14 rubrieken.

Bijblad

Verschijnt vier keer per jaar (januari, april, juli, oktober) in elektronische vorm via www.rvo.nl/octrooien. Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

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Introduction

Patent Bulletin

The Patent Bulletin appears on the 3rd working day of each week. If the Netherlands Patent Office is closed to the public on the above mentioned day, the date of issue of the Bulletin is the first working day thereafter, on which the Office is open. Each issue of the Bulletin consists of 14 headings.

Official Journal

Appears four times a year (January, April, July, October) in electronic form on the www.rvo.nl/octrooien. The Official Journal contains announcements and other things worth knowing for the benefit of the Netherlands Patent Office and its customers.

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| Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995. | 12 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995. | 12 |
| Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995. | 16 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995. | 16 |
| Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen. | 17 Heading EP1 Contains data concerning translations of the conclusions of European patent applications. | 17 |
| Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien. | 18 Heading EP2 Contains data concerning European patents granted for The Netherlands. | 18 |
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| Europese octrooien waarvoor een gewijzigde vertaling is ingediend. | The Netherlands in which an amended translation was filed. | |
| Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten | 301Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates. | 301 |
| Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995. | 302Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law. | 302 |
| Rubriek VB2 Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995. | 303Heading VB2 Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made. | 303 |
| Rubriek MED Bevat gegevens betreffende overige mededelingen. | 304Heading MED Contains data concerning other communications. | 304 |
| Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring. | 305Heading VRV Contains data concerning lapse or annulment. | 305 |
| Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties. | 324Heading VRB Contains data concerning corrections on earlier publications. | 324 |
| Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister. | 325Heading CO Contains data concerning changes in the Netherland patent register. | 325 |
| Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten. | 328Heading TVH Contains data concerning depots of original topographies of semi-conductor products. | 328 |

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| Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking. | 329Heading UP1 Contains data concerning European patents with registered Unitary Effect. | 329 |
| Rubriek UP2 Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie). | 333Heading UP2 Contains data concerning European patents with registered request ex article 52a (restoration of validation right). | 333 |
| Rubriek UP3 Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie. | 334Heading UP3 Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed. | 334 |
| Rubriek UP4 Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie. | 335Heading UP4 Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation. | 335 |
| Rubriek UP5 Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie). | 336Heading UP5 Contains data concerning European patents with rejected request ex article 52a (restoration of validation right). | 336 |
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Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octrooibulletins. Ze dienen om de verschillende bibliografische gegevens te kunnen begrijpen zonder kennis te hebben van de taal. INID is een acronym van Internationally agreed Numbers for Identification of Data. De definities van INID codes wordt gegeven in de WIPO standaard ST. 9.

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard 16
- (15) Correctie informatie
- (21) Octrooiaanvraagnummer
- (22) Datum van indiening
- (23) Datum tentoonstelling
- (25) Taal van indiening
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorrangsgegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

INID CODES

"INID" Codes are used on the front pages of patent documents and in official gazettes to identify various bibliographic data items without knowledge of the language used and the industrial property laws applied. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". The INID Codes are usually given in parenthesis adjacent to the appropriate bibliographic data item. The definitions of the INID Codes are given in WIPO Standard ST. 9 (as of November 1998) and are listed below:

- (11) Patent number
- (13) Kind of document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing application(s)
- (23) Date of exhibition
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
- (40) Date(s) of making available to the public
- (41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
- (42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

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| (44) Datum van openbaarmaking | (44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date |
| (45) Datum van kracht worden van een Europees octrooi in Nederland | (45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date |
| (46) Inschrijvingsdatum conclusies | (46) Date of publication by printing or similar process of the claim(s) only of a document |
| (47) Verleningsdatum octrooi | (47) Date from which the patent takes effect |
| (48) Datum waarop een verbetering van een octrooi is uitgegeven | (48) Date of issuance of a corrected patent document |
| (51) Internationale Octrooi classificatie | (51) International Patent Classification |
| (54) Korte aanduiding | (54) Title of the invention |
| (62) Nummer moeder aanvraag | (62) Number and, if possible, filing date of the earlier application from which the present document has been divided out |
| (68) Nummer basis octrooi | (68) Number of the basic patent |
| (71) Naam aanvrager(s) | (71) Name(s) of the applicant(s) |
| (72) Naam uitvinder(s) | (72) Name(s) of the inventor(s) if known to be such |
| (73) Naam octrooihouder(s) | (73) Name(s) of grantee(s) |
| (74) Naam gemachtigde | (74) Name(s) of the attorney(s) or agent(s) |
| (75) Naam van uitvinders die tevens aanvrager zijn | (75) Name(s) of inventor(s) who is (are) also application(s) |
| (81) Aangewezen landen volgens de PCT | (81) Designated States(s) according to the PCT |
| (83) Informatie over micro organismen | (83) Information concerning the deposit of microorganisms |
| (84) Aangewezen landen bij regionale octrooien | (84) Designated Contracting States under regional patent conventions |
| (86) Nummer van omgezette aanvraag | (86) Application number of a PCT-application or number of European patent which is converted into a national application |
| (87) Datum en nummer van een PCT aanvraag | (87) Publication date and number of a PCT application |
| (92) Certificaten: nummer en datum van de eerste nationale vergunning voor een geneesmiddel | (92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product |
| (93) Datum en nummer van de eerste EU vergunning voor een geneesmiddel | (93) For an SPC, number and date and where applicable, country of origin, of the first authorization to place the product on the market as a medicinal product within a regional economic community |
| (94) Expiratiedatum voor een topografie | (94) Calculated date of expiry of the topography |
| (95) Certificaten: naam van het product | (95) Name of the product protected by the basic patent and in respect of which the SPC has been applied for or granted |

Rubrieken/Headings

NP1

**Nederlandse octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patent applications which have been entered in the
patent register under the Patents Act 1995.**

| | | |
|--|--|---|
| (51) A01G 22/63 A01G 24/12 A01G 24/20 A01G 24/40 | CONTAINING PHENAMACRIL AND APPLICATION THEREOF | (33) China |
| (21) 2034467 (22) 30.03.2023 (54) Plant growth medium and manufacturing method thereof | (71) Huaiyin Institute of Agricultural Sciences of Xuhuai Region in Jiangsu | (51) B21F 27/02 B65G 15/48 B65G 15/54 B21F 3/04 B21F 27/00 A21B 1/42 B21F 33/00 |
| (71) HSIAO Ying Che (74) ir. J.H. de Hoog (72) Ying Che Hsiao Ya Fang Hsiao Chun Yu Hsiao | (74) ir. M.B. Plaggenborg (72) Zhanzhi Xiong Meixia Li Yousheng Fu Kai Zhang Xin Qian Changyong Zhou Xianghua Chen Hongbao Wang Yali Chen Kaige Cao Shouhua Jiang Guidong Zhao | (21) 2031464 (22) 31.03.2022 (54) werkwijze en inrichting voor het vervaardigen van een transportband voor een bakoven |
| (31) 111203539 111112841 (32) 08.04.2022 01.04.2022 | (41) 20.10.2023 | (71) Unibelt B.V. (74) ir. A. Blokland c.s. (72) Robert Franz Steinhaus |
| (33) Taiwan, Chinese Taipei Taiwan, Chinese Taipei | (41) 20.10.2023 | (51) B23K 26/21 B65B 25/00 B65D 85/67 B29D 29/06 B65G 15/00 F16G 3/16 B65H 5/22 |
| (51) A01K 1/015 A01L 15/00 | (51) A47J 39/02 A47J 47/14 | (21) 2031444 (22) 30.03.2022 (54) Inkjet printing system with a transportation and storage container for web material for forming an air permeable, endless transport belt |
| (21) 2031445 (22) 30.03.2022 (54) BOVENLAAG VAN EEN KLAUWVERZORGINGSMAT, KLAUWVERZORGINGSMAT, WERKWIJZEN VOOR HET VERVAARDIGEN DAARVAN | (21) 1044402 (22) 23.08.2022 (54) MOBILE HEATER (71) Fa. An Arte (72) Artin Essaijan (41) 20.10.2023 (31) 1044286 (32) 28.03.2022 (33) Netherlands | (71) CANON PRODUCTION PRINTING HOLDING B.V. (74) ir. M.J. Groen (72) Rob Ambaum Catharina J.M. Vos van Avezathe |
| (71) Flexxolutions GFS B.V. (74) W.J. Slikker (72) Martin Nieuwmeijer Christian Lansink | (51) A61B 3/00 (21) 2031446 (22) 30.03.2022 (54) Illuminator end part (71) CREA IP B.V. (74) dr. R.C. van Duijvenbode c.s. (72) Jan Wijnand Okkerse (41) 24.10.2023 | (41) 24.10.2023 |
| (51) A01L 15/00 A01K 13/00 | (51) A61K 36/185 A61P 19/06 | (51) B33Y 50/00 G06F 30/20 |
| (21) 2033507 (22) 11.11.2022 (54) BOVENLAAG VAN EEN KLAUWVERZORGINGSMAT, KLAUWVERZORGINGSMAT, WERKWIJZEN VOOR HET VERVAARDIGEN DAARVAN | (21) 2032836 (22) 23.08.2022 (54) EXTRACT FOR TREATING HYPERURICEMIA, AND PREPARATION METHOD AND APPLICATION THEREOF | (21) 2031449 (22) 30.03.2022 (54) Designing brims having a wavy pattern (71) Ultimaker B.V. (74) dr. R.C. van Duijvenbode c.s. (72) Jakobus Josephus van Kessel |
| (71) Flexxolutions GFS B.V. (74) W.J. Slikker (72) Christian Lansink Martin Nieuwmeijer | (71) Shandong University of Technology Shandong Qingyu Jiangxing Biotechnology Co., Ltd. (74) ir. W.J.J.M. Kempes (72) Wenlong Sun Yiping Li Xinhua Song Yuhong Huang Chao Liu Jinyue Sun | (41) 24.10.2023 |
| (41) 25.10.2023 (31) 2031445 (32) 30.03.2022 (33) Netherlands | (71) Shandong University of Technology Shandong Qingyu Jiangxing Biotechnology Co., Ltd. (74) ir. W.J.J.M. Kempes (72) Wenlong Sun Yiping Li Xinhua Song Yuhong Huang Chao Liu Jinyue Sun | (51) B60L 3/04 B60L 3/00 (21) 2031481 (22) 01.04.2022 (54) Een veiligheidsplug voor waterstofvoertuigen en systeem van plug en interface op afstand |
| (51) A01N 37/44 A01P 3/00 A01N 37/50 | (71) Shandong University of Technology Shandong Qingyu Jiangxing Biotechnology Co., Ltd. (74) ir. W.J.J.M. Kempes (72) Wenlong Sun Yiping Li Xinhua Song Yuhong Huang Chao Liu Jinyue Sun | (54) Een veiligheidsplug voor waterstofvoertuigen en systeem van plug en interface op afstand |
| (21) 2031438 (22) 29.03.2022 (54) SYNERGISTIC DECREMENT PESTICIDE COMPOSITION | (31) 202210347356.7 (32) 01.04.2022 | (71) Total Safety Solutions B.V. (74) mr. ir. J. van Breda c.s. (72) Eric Coenraad Huijding Ralf Arnoldus Antonius Adams Hendricus Johannes Bernardus Wijnans |
| | | (41) 25.10.2023 |

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|---|---|--|
| (51) B60L 15/20 B60G 17/0195 B62D 17/00 | Mingzheng Song Zhishuo Zhao Xu Gao | (33) China |
| (21) 2031472 | Dong Han | (51) C12Q 1/6895 |
| (22) 01.04.2022 | (41) 20.10.2023 | (21) 2031429 |
| (54) Active toe angle adjustment of a wheel of an electric vehicle | (51) B66C 1/54 (21) 2031475 | (22) 29.03.2022 |
| (71) Lightyear IPCo B.V. | (22) 01.04.2022 | (54) IDENTIFICATION METHOD OF STEPHANIA TETRANDBRA FROM DIFFERENT REGIONS, AND DNA BARCODE PRIMER, DNA BARCODE, KIT AND USE |
| (74) ir. J.C. Volmer c.s. | (54) A coupling system for lifting a heavy load and a male part | (71) GUANGXI UNIVERSITY OF CHINESE MEDICINE |
| (72) Koen Hildegard Rutgerus Broeksteeg Durandus Kornelius Dijken | (71) IQIP Holding B.V. | (74) ir. W.J.J.M. Kempes |
| (41) 24.10.2023 | (74) ir. A.R. Aalbers | (72) Yaoyan Li |
| (51) B60R 15/04 A47K 11/03 A47K 11/06 | (72) Marius Peerdeman Quintus Wilhelmus Petrus Maria Zuidgeest | (71) Hui Gao Guoyue Yan Yangjiao Xie Chuangyu Mo Guocui Tang Qiumei He Hanya Yao Zhipeng Dong Wenping Lu |
| (21) 1044287 | (41) 24.10.2023 | (41) 20.10.2023 |
| (22) 29.03.2022 | (51) C03B 37/018 | (51) E02B 17/00 |
| (54) Toiletsysteem voor in een truckcabine, omvattende een horizontaal schuifbaar frame met een WC bril | (21) 2031450 | (51) E02D 27/42 |
| (71) Z-R Beheer B.V. | (22) 30.03.2022 | (51) E02D 27/52 |
| (74) ir. A. Blokland c.s. | (54) A PCVD deposition process for manufacturing a primary preform as well as a method for forming optical fibres from such a preform | (51) E04H 12/08 |
| (72) Arend Hendrik Zweers Herman Ribberink | (71) Draka Comteq B.V. | (51) E04H 12/34 |
| (41) 20.10.2023 | (74) ir. A. Blokland c.s. | (21) 2031453 |
| (51) B61K 7/18 A01G 9/14 | (72) Igor Milicevic Mattheus Jacobus Nicolaas van Stralen Antonius Henricus Elisabeth Breuls Gertjan Krabshuis | (22) 30.03.2022 |
| (21) 2031465 | (41) 24.10.2023 | (54) Method and structures for use in mounting a super structure on a foundation pile |
| (22) 31.03.2022 | (51) C05G 3/80 | (71) Sif Holding N.V. |
| (54) An assembly and a greenhouse comprising the assembly | (21) 2034400 | (74) ir. H.A. Witmans c.s. |
| (71) Lenzeel Holding B.V. | (22) 22.03.2023 | (72) Martinus Désiré Lammers |
| (74) ir. A. Blokland c.s. | (54) BIOCHAR—BASED COMPOUND FERTILIZER | (41) 24.10.2023 |
| (72) Eduard Jozef Catharina Zeelen Johannes Gerardus Gertrudis Lenders | (71) Qingdao Yingkunyuan Mineral Technology Co., Ltd | (51) E02D 27/50 |
| (41) 24.10.2023 | (74) ir. W.J.J.M. Kempes | (51) E02D 13/04 |
| (51) B63H 1/16 B63H 23/24 B63H 23/32 | (72) Buyou Liu | (21) 2031428 |
| (21) 2031469 | (31) 202210341812.7 | (22) 29.03.2022 |
| (22) 31.03.2022 | (32) 02.04.2022 | (54) A template |
| (54) RIM DRIVEN THRUSTER AND METHOD FOR PROPELLING A SHIP | (33) China | (71) IQIP Holding B.V. |
| (71) InSuMo B.V. | (51) C12N 15/38 | (74) ir. A.R. Aalbers |
| (74) dr. ir. G.J.C. Verdijck c.s. | C12N 15/869 | (72) Willibrordus Adelbertus Maria Brouwer |
| (72) Bauke Kalma Niels Johannes Antonius Kuipers Niek Kerver Wouter Manenschijn Jelmar Tsjalling Jan Rouwé Robert Cornelis Pijpekamp | C12N 15/66 A61P 31/22 A61K 35/763 C12N 7/01 | (41) 20.10.2023 |
| (41) 24.10.2023 | (21) 2031433 | (51) E02D 33/00 |
| (51) B65G 17/02 C21B 3/04 B65G 23/22 B65G 23/06 B65G 17/38 B65G 69/20 | (22) 29.03.2022 | (21) 2035789 |
| (21) 2031439 | (54) CONSTRUCTION METHOD OF RECOMBINANT PSEUDORABIES VIRUS (PRV) STRAIN rXJ gE/gI-CP204L AND USE THEREOF | (22) 13.09.2023 |
| (22) 29.03.2022 | (71) Sichuan Xinxingao Biotechnology Co., Ltd. Sichuan Agricultural University | (54) STATIC LOAD TEST DEVICE FOR PILE FOUNDATION WITH POST-EMBEDDED STEEL BARS |
| (54) ENTRAINED-FLOW BED TYPE STEEL SLAG COOLING CONVEYOR | (74) ir. M.B. Plaggenborg | (71) Hohhot Sifang Engineering Quality Inspection and Testing Co., Ltd. |
| (71) QINGDAO DANENG ENVIRONMENTAL PROTECTION EQUIPMENT CO., LTD. | (72) Huidan Deng Zhiwen Xu Fengqin Li Ling Zhu Xiaodong Yuan Yubing Zeng | (74) ir. W.J.J.M. Kempes |
| (74) ir. M.B. Plaggenborg | (41) 20.10.2023 | (72) Yonggang Fu Yicong Wang Xiangping Wang |
| (72) Shusheng Li Yong Wang Yanhui Liu | (31) 202111640313.X (32) 29.12.2021 | (31) 202320868764.7 (32) 18.04.2023 (33) China |
| | | (51) E03F 5/04 |
| | | (21) 2031460 |
| | | (22) 30.03.2022 |
| | | (54) A Gully |
| | | (71) Dyka B.V. |
| | | (74) dr. R.C. van Duijvenbode c.s. |

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| (72) Johannes Everardus Eek Leendert Adrianus Baijense Gerrit Berend Jan Meppelink Klaas Alexander de Boer Martinus Hendrikus Johannes Blum Johannes Zuurmond Thomas Jan Hesseling Gerard Oosterhof | Zhaolong Yu Guoping Wei Xi Wang (41) 20.10.2023 (51) E21F 7/00 B01D 47/00 B01D 46/18 (21) 2035726 (22) 01.09.2023 | F24T 10/13 (21) 2031422 (22) 28.03.2022 (54) MIDDLE-DEEP UNDERGROUND ROCK-HEAT TYPE HEATING SYSTEM AND HEATING METHOD (71) Gansu Building Materials Academy Co., Ltd. (74) ir. M.B. Plaggenborg |
| (41) 24.10.2023 (51) E03F 5/10 E03F 7/00 (21) 2031458 (22) 30.03.2022 (54) Inrichting voor het ontlasten van een riool (71) Dyka B.V. (74) dr. R.C. van Duijvenbode c.s. (72) Owen Wyn Thomas (41) 24.10.2023 | (54) VENTILATION DEVICE FOR HIGH GAS TUNNEL CONSTRUCTION (71) Chongqing vocational institute of engineering (74) ir. M.B. Plaggenborg (72) Jiangtao Qin (51) F02C 6/12 F02B 37/24 F02C 9/22 (21) 2031474 (22) 01.04.2022 | (74) Xianyu Jin (72) Mingfeng Shen Zhaolong Yu Binshou Tian Jixin Shao Shuanglong Si Xiang Liu Qibin Wei Wenbin Li Bin Liang Miao Zhang (41) 20.10.2023 |
| (51) E04D 13/035 E06B 9/52 (21) 2031476 (22) 01.04.2022 (54) Insectenwerend tuimelvenstersysteem en driedelige horrenset (71) Simone van Veen René van Bommel (74) mr. ir. J. van Breda c.s. (72) Simone van Veen René van Bommel (41) 24.10.2023 | (54) VARIABLE GEOMETRY TURBINE AND METHOD FOR CALIBRATING A VARIABLE GEOMETRY TURBINE (71) DAF Trucks N.V. (74) ir. H.A. Witmans c.s. (72) Bertholomeus van Grimbergen Joep Wolken Kurt Jean-Marie Dubois (41) 24.10.2023 (51) F16L 27/08 F16L 39/04 (21) 2031473 (22) 01.04.2022 | (51) G01C 13/00 G01D 21/02 (21) 2031435 (22) 29.03.2022 (54) TIDE LEVEL FORECASTING DEVICE AND WORKING METHOD THEREOF (71) FIRST INSTITUTE OF OCEANOGRAPHY, MINISTRY OF NATURAL RESOURCES (74) ir. M.B. Plaggenborg (72) Changshui Xia (41) 20.10.2023 |
| (51) E04F 15/024 E04F 15/10 E04F 15/02 (21) 2031459 (22) 30.03.2022 (54) Panel, covering, and method for manufacturing such a panel (71) I4F LICENSING NV (74) ir. H.Th. van den Heuvel c.s. (72) Eddy Alberic Boucké (41) 24.10.2023 | (54) FLUID LOADING COUPLING FOR ROTATABLE COUPLING OF FLUID CONDUITS FOR CRYOGENIC FLUIDS (71) Kanon Loading Equipment B.V. (74) ir. F.A. Geurts c.s. (72) Nico Verkerk (41) 24.10.2023 (51) F23D 1/00 F23C 7/00 F23R 5/00 (21) 2031419 (22) 28.03.2022 | (51) G01R 31/12 (21) 2033452 (22) 03.11.2022 (54) INSULATOR STATE DETECTION METHOD AND SYSTEM BASED ON FUSION OF MULTI-SPECTRAL AND OPTICAL ELECTRIC FIELD DATA (71) Changchun Institute of Technology Tonghua Power Supply Company of State Grid Jilin Electric Power Co., Ltd Baicheng Power Supply Company of State Grid Jilin Electric Power Co., Ltd Liaoyuan Power Supply Company of State Grid Jilin Electric Power Co., Ltd Fushun Power Supply Company of State Grid Liaoning Electric Power Co., Ltd (74) dr. T. Wittop Koning PhD (72) Xiao Zhang Liyang Zhao Yujie Pei Hongxia Ni Li Liu Jingwei Zhang Cheng Li Keyu Yue Minzhen Wang Jun Ma Ruchao Rong Gang Liu Guangxin Zhang Entie Qi Dong Sun |
| (51) E04G 1/15 E04G 7/28 E04G 5/08 (21) 2031420 (22) 28.03.2022 (54) Steigervloer en vloerdeel (71) Brand Energy Holdings B.V. (74) drs. A.A. Jilderda (72) Cas van der Vleuten Ralph Gerardus Franciscus Herman Kweens Dennis Andreas Johannes Theunissen (41) 20.10.2023 | (54) Burner process for iron fuel combustion arrangement (71) Renewable Iron Fuel Technology B.V. (74) ir. A. Blokland c.s. (72) Jeroen Gabriël Franciscus Houtappels Marcus Wilhelmus Petrus Verhagen Marco Anton Frederik Derksen Vincent Jacobus Theodorus Seijger (41) 20.10.2023 (51) F24C 15/20 (21) 2031430 (22) 29.03.2022 | (71) Changchun Institute of Technology Tonghua Power Supply Company of State Grid Jilin Electric Power Co., Ltd Baicheng Power Supply Company of State Grid Jilin Electric Power Co., Ltd Liaoyuan Power Supply Company of State Grid Jilin Electric Power Co., Ltd Fushun Power Supply Company of State Grid Liaoning Electric Power Co., Ltd (74) dr. T. Wittop Koning PhD (72) Xiao Zhang Liyang Zhao Yujie Pei Hongxia Ni Li Liu Jingwei Zhang Cheng Li Keyu Yue Minzhen Wang Jun Ma Ruchao Rong Gang Liu Guangxin Zhang Entie Qi Dong Sun (31) 202210339366.6 (32) 01.04.2022 (33) China |
| (51) E21B 33/13 (21) 2031423 (22) 28.03.2022 (54) PLUGGING METHOD (71) Gansu Building Materials Academy Co., Ltd. (74) ir. M.B. Plaggenborg (72) Mingsheng Xu Binshou Tian Shuanglong Si Shengyou Gao Haihong Yang Jixin Shao | (54) Kitchen Air Extraction Canopy and Extraction Element and Extraction Duct therefor (71) Randolph Beleggingen B.V. (74) dr. R.C. van Duijvenbode c.s. (72) Hendrikus Joseph Vianen (41) 20.10.2023 (51) F25B 30/02 F25B 30/06 F24T 50/00 | |

- (51) G06F 1/16
H04M 1/02
(21) 2031452
(22) 30.03.2022
(54) COMPUTING DEVICE SLIDER PLATE
(71) Microsoft Technology Licensing, LLC
(74) ir. J.C. Volmer c.s.
(72) Devin Samuel Jacob Caplow-Munro
Errol Mark Tazbaz
Denys V. Yaremenko
Brett Andrew Tomky
Luke O. Schwartzel
(41) 24.10.2023
-
- (51) G06F 40/289
G06F 40/30
(21) 2031424
(22) 28.03.2022
(54) COMPUTER SYSTEM BASED
ON WORD CO-OCCURRENCE
BASED VECTOR SPACE MODEL OF
TRADITIONAL CHINESE MEDICINE
PRESCRIPTIONS
(71) Shandong Management University
(74) ir. M.B. Plaggenborg
(72) Feng Yuan
Yang Chen
Shouqiang Chen
Lili Zhao
Xiaowei Chang
(41) 20.10.2023
-
- (51) G06N 3/04
G16H 30/40
G06T 5/00
G01R 33/56
(21) 2031467
(22) 31.03.2022
(54) Deep learning based denoising of MR
images
(71) Koninklijke Philips N.V.
(74) dr. P.E. de Haan c.s.
(72) Nils Thorben Gessert
Christian Wuelker
Tim Nielsen
(41) 24.10.2023
-
- (51) G09B 5/06
G09B 9/00
(21) 2031456
(22) 30.03.2022
(54) FIVE-ELEMENT AND THREE-STEP
INTEGRATED CHEMICAL TRAINING
DEVICE
(71) HENAN TECHNICAL INSTITUTE
(74) ir. M.B. Plaggenborg
(72) Jiayang Zhang
Yang Zhao
Luhong He
Shanshan Wan
Jin Peng
Penghua Zhang
Xiutao Zhang
Hailong Liu
Pengyu Wu
(41) 24.10.2023
-
- (51) H01B 7/08
H01B 7/18
B60L 53/18
(21) 2031426
(22) 29.03.2022
- (54) Vehicle charging cable
(71) Lucas Holding B.V.
(74) ir. J.C. Volmer c.s.
(72) Jan Willem Lucas
(41) 20.10.2023
-
- (51) H03F 3/60
(21) 2034468
(22) 30.03.2023
(54) A PLANAR COMBINER SYSTEM FOR
SOLID STATE POWER AMPLIFIERS
(71) ASELSAN ELEKTRONIK SANAYI VE
TICARET ANONIM SIRKETI
(74) dr. R.C. van Duijvenbode c.s.
(72) Ridvan Sürbahanli
Kagan Berk Tanaydin
Ali Berk Demir
Ahmet Aktug
(31) 2022/005093
(32) 01.04.2022
(33) Türkiye
-
- (51) H03K 17/16
H03K 17/0812
(21) 2031425
(22) 29.03.2022
(54) Control system for controlling a transistor,
electric vehicle comprising the control
system, method for controlling the
transistor
(71) Lightyear IPCo B.V.
(74) ir. J.C. Volmer c.s.
(72) Marald Otten
(41) 20.10.2023
-
- (51) H04Q 1/02
(21) 2031468
(22) 31.03.2022
(54) Parking device, distribution frame and
method for parking a patch cord
(71) B.V. Twentsche Kabelfabriek
(74) ir. F.A. Geurts c.s.
(72) Wouter Frank Mulling
Timo Abbing
(41) 24.10.2023
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NP2

**Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patents which have been entered in the patent
register under the Patents Act 1995.**

| | | |
|---|------------------------------------|--|
| (51) A01F 15/14 | Yousheng Fu | A61K 33/30 |
| (11) 2034168 | Kai Zhang | (11) 1044086 |
| (47) 20.10.2023 | Xin Qian | (47) 20.10.2023 |
| (22) 16.02.2023 | Changyong Zhou | (22) 06.07.2021 |
| (54) INRICHTING EN WERKWIJZE VOOR | Xianghua Chen | (54) Combination of Zn, red ginseng, saw |
| AFBINDEN VAN BALEN IN EEN | Hongbao Wang | palmetto fruit extracts, nicotinamide |
| OPROLPERS | Yali Chen | mononucleotide (NMN) and resveratrol |
| (73) Union nv | Kaige Cao | as a food supplement |
| (72) Gunter Roets | Shouhua Jiang | (73) Dr. Jelena Barjaktarovic, MD |
| Philip Ragolle | Guidong Zhao | (72) Jelena Barjaktarovic |
| (74) ir. J.P.E. Brants | (74) ir. M.B. Plaggenborg | (31) 1043752 |
| (31) 2022/5104 | (51) A47J 39/02 | (32) 12.08.2020 |
| (32) 17.02.2022 | A47J 47/14 | (33) Netherlands |
| (33) Belgium | (11) 1044402 | (51) A61K 36/515 |
| (51) A01K 1/015 | (47) 20.10.2023 | (11) 2027660 |
| A01L 15/00 | (22) 23.08.2022 | (47) 24.10.2023 |
| (11) 2031445 | (54) MOBILE HEATER | (22) 26.02.2021 |
| (47) 24.10.2023 | (73) Fa. An Arte | (54) Post-harvest Processing Method of |
| (22) 30.03.2022 | (72) Artin Essaijan | Gentiana rigescens |
| (54) BOVENLAAG VAN EEN | (31) 1044286 | (73) AGRO-PRODUCTS PROCESSING |
| KLAUWVERZORGINGSMAT, | (32) 28.03.2022 | RESEARCH INSTITUTE YAAS |
| KLAUWVERZORGINGSMAT, | (33) Netherlands | (72) Hao Tian |
| WERKWIJZEN VOOR HET | (51) A61B 3/00 | Xinyi Wu |
| VERVAARDIGEN DAARVAN | (11) 2031446 | Yunhui Qu |
| (73) Flexxolutions GFS B.V. | (47) 24.10.2023 | Hong Li |
| (72) Martin Nieuwmeijer | (22) 30.03.2022 | Daiqin He |
| Christian Lansink | (54) Illuminator end part | Xia Yi |
| (74) W.J. Slikker | (73) CREA IP B.V. | (74) ir. W.J.J.M. Kempes |
| (51) A01L 15/00 | (72) Jan Wijndam Okkerse | (31) 202010203918.1 |
| A01K 13/00 | (74) dr. R.C. van Duijvenbode c.s. | (32) 21.03.2020 |
| (11) 2033507 | (51) A61K 9/06 | (33) China |
| (47) 25.10.2023 | A61K 47/38 | (51) B21F 27/02 |
| (22) 11.11.2022 | A61K 47/18 | B65G 15/48 |
| (54) BOVENLAAG VAN EEN | A61K 47/32 | B65G 15/54 |
| KLAUWVERZORGINGSMAT, | (11) 2029961 | B21F 3/04 |
| KLAUWVERZORGINGSMAT, | (47) 20.10.2023 | B21F 27/00 |
| WERKWIJZEN VOOR HET | (22) 30.11.2021 | A21B 1/42 |
| VERVAARDIGEN DAARVAN | (54) DOPAMINE-COATED CELLULOSE | B21F 33/00 |
| (73) Flexxolutions GFS B.V. | NANOCRYSTAL-AGAROSE | (11) 2031464 |
| (72) Christian Lansink | DRUG-LOADED HYDROGEL AND | (47) 24.10.2023 |
| Martin Nieuwmeijer | PREPARATION METHOD THEREOF | (22) 31.03.2022 |
| (74) W.J. Slikker | (73) NANJING FORESTRY UNIVERSITY | (54) werkwijze en inrichting voor het |
| (31) 2031445 | (72) Chaoqun You | vervaardigen van een transportband voor |
| (32) 30.03.2022 | Fei Wang | een bakoven |
| (33) Netherlands | Dan Li | (73) Unibelt B.V. |
| (51) A01N 37/44 | Yu Zhang | (72) Robert Franz Steinhaus |
| A01P 3/00 | Like Ning | (74) ir. A. Blokland c.s. |
| A01N 37/50 | Xun Li | (51) B23K 26/21 |
| (11) 2031438 | (74) ir. W.J.J.M. Kempes | B65B 25/00 |
| (47) 20.10.2023 | (31) 202110481011.6 | B65D 85/67 |
| (22) 29.03.2022 | (32) 30.04.2021 | B29D 29/06 |
| (54) SYNERGISTIC DECREMENT | (33) China | B65G 15/00 |
| PESTICIDE COMPOSITION | (51) A61K 31/05 | F16G 3/16 |
| CONTAINING PHENAMACRIL AND | A61K 31/706 | B65H 5/22 |
| APPLICATION THEREOF | A61K 36/258 | (11) 2031444 |
| (73) Huaiyin Institute of Agricultural Sciences | A61K 36/889 | (47) 24.10.2023 |
| of Xuhuai Region in Jiangsu | A61P 7/00 | (22) 30.03.2022 |
| (72) Zhanzhi Xiong | A61P 13/08 | (54) Inkjet printing system with a |
| Meixia Li | A61P 43/00 | transportation and storage container |
| | A23L 33/00 | |

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|---|---|--|
| for web material for forming an air permeable, endless transport belt | B63H 23/32 | (22) 29.03.2022 |
| (73) CANON PRODUCTION PRINTING HOLDING B.V. | (11) 2031469 | (54) CONSTRUCTION METHOD OF RECOMBINANT PSEUDORABIES VIRUS (PRV) STRAIN rXJ gE/gI-CP204L AND USE THEREOF |
| (72) Rob Ambaum | (47) 24.10.2023 | (73) Sichuan Xinxingao Biotechnology Co., Ltd. |
| Catharina J.M. Vos van Avezathe | (22) 31.03.2022 | Sichuan Agricultural University |
| (74) ir. M.J. Groen | (54) RIM DRIVEN THRUSTER AND METHOD FOR PROPELLING A SHIP | (72) Huidan Deng |
| (51) B33Y 50/00 | (73) InSuMo B.V. | Zhiwen Xu |
| G06F 30/20 | (72) Bauke Kalma | Fengqin Li |
| (11) 2031449 | Niels Johannes Antonius Kuipers | Ling Zhu |
| (47) 24.10.2023 | Niek Kerver | Xiaodong Yuan |
| (22) 30.03.2022 | Wouter Manenschijn | Yubing Zeng |
| (54) Designing brims having a wavy pattern | Jelmar Tsjalling Jan Rouwé | (74) ir. M.B. Plaggenborg |
| (73) Ultimaker B.V. | Robert Cornelis Pijpekamp | (31) 202111640313.X |
| (72) Jakobus Josephus van Kessel | (74) dr. ir. G.J.C. Verdijck c.s. | (32) 29.12.2021 |
| (74) dr. R.C. van Duijvenbode c.s. | (51) B65G 17/02 | (33) China |
| (51) B60L 3/04 | C21B 3/04 | (51) C12Q 1/6895 |
| B60L 3/00 | B65G 23/22 | (11) 2031429 |
| (11) 2031481 | B65G 23/06 | (47) 20.10.2023 |
| (47) 25.10.2023 | B65G 17/38 | (22) 29.03.2022 |
| (22) 01.04.2022 | B65G 69/20 | (54) IDENTIFICATION METHOD OF STEPHANIA TETRANDRA FROM DIFFERENT REGIONS, AND DNA BARCODE PRIMER, DNA BARCODE, KIT AND USE |
| (54) Een veiligheidsplug voor waterstofvoertuigen en systeem van plug en interface op afstand | (11) 2031439 | (73) GUANGXI UNIVERSITY OF CHINESE MEDICINE |
| (73) Total Safety Solutions B.V. | (47) 20.10.2023 | (72) Yaoyan Li |
| (72) Eric Coenraad Huijding | (22) 29.03.2022 | Hui Gao |
| Ralf Arnoldus Antonius Adams | (54) ENTRAINED-FLOW BED TYPE STEEL SLAG COOLING CONVEYOR | Guoyue Yan |
| Hendricus Johannes Bernardus Wijnans | (73) QINGDAO DANENG ENVIRONMENTAL PROTECTION EQUIPMENT CO., LTD. | Yangjiao Xie |
| (74) mr. ir. J. van Breda c.s. | (72) Shusheng Li | Chuangyu Mo |
| (51) B60L 15/20 | Yong Wang | Guocui Tang |
| B60G 17/0195 | Yanhui Liu | Qiumei He |
| B62D 17/00 | Mingzheng Song | Hanya Yao |
| (11) 2031472 | Zhishuo Zhao | Zhipeng Dong |
| (47) 24.10.2023 | Xu Gao | Wenping Lu |
| (22) 01.04.2022 | Dong Han | (74) ir. W.J.J.M. Kempes |
| (54) Active toe angle adjustment of a wheel of an electric vehicle | (74) ir. M.B. Plaggenborg | (51) E02B 17/00 |
| (73) Lightyear IPCo B.V. | (51) B66C 1/54 | E02D 27/42 |
| (72) Koen Hildegard Rutgerus Broeksteeg | (11) 2031475 | E02D 27/52 |
| Durandus Kornelius Dijken | (47) 24.10.2023 | E04H 12/08 |
| (74) ir. J.C. Volmer c.s. | (22) 01.04.2022 | E04H 12/34 |
| (51) B60R 15/04 | (54) A coupling system for lifting a heavy load and a male part | (11) 2031453 |
| A47K 11/03 | (73) IQIP Holding B.V. | (47) 24.10.2023 |
| A47K 11/06 | (72) Marius Peerdeman | (22) 30.03.2022 |
| (11) 1044287 | Quintus Wilhelmus Petrus Maria | (54) Method and structures for use in mounting a super structure on a foundation pile |
| (47) 20.10.2023 | Zuijdgeest | (73) Sif Holding N.V. |
| (22) 29.03.2022 | (74) ir. A.R. Aalbers | (72) Martinus Désiré Lammers |
| (54) Toiletsysteem voor in een truckcabine, omvattende een horizontaal schuifbaar frame met een WC bril | (51) C03B 37/018 | (74) ir. H.A. Witmans c.s. |
| (73) Z-R Beheer B.V. | (11) 2031450 | (51) E02D 27/50 |
| (72) Arend Hendrik Zweers | (47) 24.10.2023 | E02D 13/04 |
| Herman Ribberink | (22) 30.03.2022 | (11) 2031428 |
| (74) ir. A. Blokland c.s. | (54) A PCVD deposition process for manufacturing a primary preform as well as a method for forming optical fibres from such a preform | (47) 20.10.2023 |
| (51) B61K 7/18 | (73) Draka Comteq B.V. | (22) 29.03.2022 |
| A01G 9/14 | (72) Igor Milicevic | (54) A template |
| (11) 2031465 | Mattheus Jacobus Nicolaas van Stralen | (73) IQIP Holding B.V. |
| (47) 24.10.2023 | Antonius Henricus Elisabeth Breuls | (72) Willibrordus Adelbertus Maria Brouwer |
| (22) 31.03.2022 | Gertjan Krabshuis | (74) ir. A.R. Aalbers |
| (54) An assembly and a greenhouse comprising the assembly | (74) ir. A. Blokland c.s. | (51) E03F 5/04 |
| (73) Lenzeel Holding B.V. | (51) C12N 15/38 | (11) 2031460 |
| (72) Eduard Jozef Catharina Zeelen | C12N 15/869 | (47) 24.10.2023 |
| Johannes Gerardus Gertrudis Lenders | C12N 15/66 | (22) 30.03.2022 |
| (74) ir. A. Blokland c.s. | A61P 31/22 | (54) A Gully |
| (51) B63H 1/16 | A61K 35/763 | |
| B63H 23/24 | C12N 7/01 | |
| | (11) 2031433 | |
| | (47) 20.10.2023 | |

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| (73) Dyka B.V. | Yetman Liu | (54) Kitchen Air Extraction Canopy and |
| (72) Johannes Everardus Eek | Thomas J. Marusak | Extraction Element and Extraction Duct |
| Leendert Adrianus Baijense | (74) ir. J.C. Volmer c.s. | therefor |
| Gerrit Berend Jan Meppelink | (31) 63/266,107 | (73) Randolph Beleggingen B.V. |
| Klaas Alexander de Boer | (32) 29.12.2021 | (72) Hendrikus Joseph Vianen |
| Martinus Hendrikus Johannes Blum | (33) United States of America | (74) dr. R.C. van Duijvenbode c.s. |
| Johannes Zuurmond | (51) E21B 33/13 | (51) F25B 30/02 |
| Thomas Jan Hesseling | (11) 2031423 | F25B 30/06 |
| Gerard Oosterhof | (47) 20.10.2023 | F24T 50/00 |
| (74) dr. R.C. van Duijvenbode c.s. | (22) 28.03.2022 | F24T 10/13 |
| (51) E03F 5/10 | (54) PLUGGING METHOD | (11) 2031422 |
| E03F 7/00 | (73) Gansu Building Materials Academy Co., | (47) 20.10.2023 |
| (11) 2031458 | Ltd. | (22) 28.03.2022 |
| (47) 24.10.2023 | (72) Mingsheng Xu | (54) MIDDLE-DEEP UNDERGROUND |
| (22) 30.03.2022 | Binshou Tian | ROCK-HEAT TYPE HEATING SYSTEM |
| (54) Inrichting voor het ontlasten van een riool | Shuanglong Si | AND HEATING METHOD |
| (73) Dyka B.V. | Shengyou Gao | (73) Gansu Building Materials Academy Co., |
| (72) Owen Wyn Thomas | Haihong Yang | Ltd. |
| (74) dr. R.C. van Duijvenbode c.s. | Jixin Shao | (72) Xianyu Jin |
| (51) E04D 13/035 | Zhaolong Yu | Mingfeng Shen |
| E06B 9/52 | Guoping Wei | Zhaolong Yu |
| (11) 2031476 | Xi Wang | Binshou Tian |
| (47) 24.10.2023 | (74) ir. M.B. Plaggenborg | Jixin Shao |
| (22) 01.04.2022 | (51) F02C 6/12 | Shuanglong Si |
| (54) Insectenwerend tuimelvenstersysteem en | F02B 37/24 | Xiang Liu |
| driedelige horrenset | F02C 9/22 | Qibin Wei |
| (73) Simone van Veen | (11) 2031474 | Wenbin Li |
| René van Bommel | (47) 24.10.2023 | Bin Liang |
| (72) Simone van Veen | (22) 01.04.2022 | Miao Zhang |
| René van Bommel | (54) VARIABLE GEOMETRY TURBINE | (74) ir. M.B. Plaggenborg |
| (74) mr. ir. J. van Breda c.s. | AND METHOD FOR CALIBRATING A | (51) G01C 13/00 |
| (51) E04F 15/024 | VARIABLE GEOMETRY TURBINE | G01D 21/02 |
| E04F 15/10 | (73) DAF Trucks N.V. | (11) 2031435 |
| E04F 15/02 | (72) Bertholomeus van Grimbergen | (47) 20.10.2023 |
| (11) 2031459 | Joep Wolken | (22) 29.03.2022 |
| (47) 24.10.2023 | Kurt Jean-Marie Dubois | (54) TIDE LEVEL FORECASTING DEVICE |
| (22) 30.03.2022 | (74) ir. H.A. Witmans c.s. | AND WORKING METHOD THEREOF |
| (54) Panel, covering, and method for | (51) F16L 27/08 | (73) FIRST INSTITUTE OF |
| manufacturing such a panel | F16L 39/04 | OCEANOGRAPHY, MINISTRY OF |
| (73) I4F LICENSING NV | (11) 2031473 | NATURAL RESOURCES |
| (72) Eddy Alberic Boucké | (47) 24.10.2023 | (72) Changshui Xia |
| (74) ir. H.Th. van den Heuvel c.s. | (22) 01.04.2022 | (74) ir. M.B. Plaggenborg |
| (51) E04G 1/15 | (54) FLUID LOADING COUPLING FOR | (51) G01S 13/34 |
| E04G 7/28 | ROTATABLE COUPLING OF FLUID | G01S 7/00 |
| E04G 5/08 | CONDUITS FOR CRYOGENIC FLUIDS | G01S 7/02 |
| (11) 2031420 | (73) Kanon Loading Equipment B.V. | G01S 13/58 |
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| (54) APPARATUS AND METHOD TO | Vincent Jacobus Theodorus Seijger | Yuval Amizur |
| ADJUST VANE ANGLE OF DOUBLE | (74) ir. A. Blokland c.s. | Leor Banin |
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(74) ir. A. Blokland c.s.
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(73) Microsoft Technology Licensing, LLC
(72) Devin Samuel Jacob Caplow-Munro
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(54) MEMORY MODULE AND CONNECTOR FORM FACTOR TO REDUCE CROSSTALK
(73) Intel Corporation
(72) Xiang Li
James McCall
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(73) Shandong Management University
(72) Feng Yuan
Yang Chen
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Lili Zhao
Xiaowei Chang
(74) ir. M.B. Plaggenborg
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(73) Koninklijke Philips N.V.
(72) Nils Thorben Gessert
Christian Wuelker
Tim Nielsen
(74) dr. P.E. de Haan c.s.
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(54) FIVE-ELEMENT AND THREE-STEP INTEGRATED CHEMICAL TRAINING DEVICE
(73) HENAN TECHNICAL INSTITUTE
(72) Jiayang Zhang
Yang Zhao
Luhong He
Shanshan Wan
Jin Peng
Penghua Zhang
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(54) Vehicle charging cable
(73) Lucas Holding B.V.
(72) Jan Willem Lucas
(74) ir. J.C. Volmer c.s.
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(54) Multi-beam charged particle system and method of controlling the working distance in a multi-beam charged particle system
(73) Carl Zeiss MultiSEM GmbH
(72) Christof Riedesel
Dirk Zeidler
Michael Behnke
Ulrich Bihl
Arne Thoma
(74) ir. H.A. Witmans c.s.
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(73) Lightyear IPCo B.V.
(72) Marald Otten
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(73) Technetix B.V.
(72) Matthijs Laro
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(31) 2117722.5
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(54) Parking device, distribution frame and method for parking a patch cord
(73) B.V. Twentsche Kabelfabriek
(72) Wouter Frank Mulling
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(73) Aktiebolaget SKF
(72) Alberto Javier Herrera Caballero
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(74) J. Hoekstra
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| (73) SICA S.P.A. | (72) Technische Universität Dresden | (72) VAN INGEN, Jaap Willem |
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| B29C 64/241 | B29K 105/10 | CALVERT, Peter |
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| CORE ELEMENTS OR VOIDS | MECHANICALLY PRODUCING A | (ZHANGJIAGANG) CO., LTD. |
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| METHODS FOR FORMING SUCH A | AND PACKING STATION | Liu, Haiyang |
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| BY FOLDING CARDBOARD PANELS | B32B 5/06 | C09D 123/26 |
| AND CORRESPONDING METHOD | B32B 5/18 | C09D 163/00 |
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| (72) RODOT, Vincent | B32B 5/24 | C09J 163/00 |
| DUPONT, Jeremy | B32B 5/26 | C23C 26/00 |
| DUCHEMIN, Guillaume | B32B 7/12 | B32B 7/12 |
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| (73) Marcus, Etgar | B32B 5/10 | YAMAMOTO, Tetsuya |
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| (22) 12.11.2020 | MILHAU, Yohan | METHOD FOR ADJUSTING AN AIR |
| (54) VEHICLE WITH TORQUE | ROCQ, Gaetan | INFLUENCING ELEMENT WITH AN |
| DISTRIBUTION CONTROL IN THE | HABBANI, Ridouane | ADJUSTMENT DEVICE, MOTOR |
| EVENT OF INSTABILITY, AND | (31) 1913790 | VEHICLE PROVIDED WITH AN AIR |
| ASSOCIATED CONTROL METHOD | (32) 05.12.2019 | INFLUENCING ELEMENT WITH AN |
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AND A DEVICE IN A DRILL STRING
(73) National Oilwell Varco UK Limited
(72) VERHOEF, Richard
APPLEWHITE, John Bradley
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(32) 10.04.2015
(33) United Kingdom
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(22) 14.05.2020
(54) A CONNECTOR FOR WELLBORE
TUBULARS
(73) Well Engineering Technology FZCO
(72) LAPLANTE, Anthony
NICOL, Steven Duthie
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(33) United Kingdom
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(54) MOBILE UTILITY ARTICULATING
BOOM SYSTEM
(73) Helmerich & Payne, Inc.
(72) FERLAND, Joel
COOK, Bernard
SPEER, DeWayne
STAUDER, Robert Lee
EVANS, Anthony James
DAVIS, Gary Don
GUSTAFSON, Patrick L.
GARCIA, Victor Arthur
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(22) 03.12.2020
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ELEMENTS, DRILLING ELEMENTS
AND METHOD FOR ASSEMBLING
THE VALVE ELEMENT TO DRILLING
ELEMENTS
(73) Drillmec S.p.A.
(72) CALDERONI, Angelo
(31) 201900022971
(32) 04.12.2019
(33) Italy
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(47) 25.10.2023
(22) 15.07.2011
(54) POSITIVE RETRACTION LATCH
LOCKING DOG FOR A ROTATING
CONTROL DEVICE
(73) Weatherford Technology Holdings, LLC
(72) RIOS, Aristeo III
CHAMBERS, James W.
BAILEY, Thomas F.
WAGONER, Danny W.
HARRALL, Simon J.
(31) 36528810 P
(32) 16.07.2010
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(54) EXTRUSION PREVENTING DEVICE
FOR INCORPORATION INTO A
SEALING ELEMENT AND A WELL
TOOL DEVICE COMPRISING A
SEALING ELEMENT IN WHICH SUCH
AN EXTRUSION PREVENTING DEVICE
IS INCORPORATED
(73) Interwell Norway AS
(72) GLAD, Anders
HIORTH, Thomas
(31) 20191057
(32) 03.09.2019
(33) Norway
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(73) Ardyne Holdings Limited
(72) WARDLEY, Michael
TELFER, George
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(33) United Kingdom
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CONFIGURING SUPER-STAGES FOR
FRACTURING DOWNHOLE EARTH
FORMATIONS
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(72) PRASAD, Umesh
STOLYAROV, Sergey
GADZHIMIRZAEV, David
HURT, Robert Samuel
CAZENEUVE, Eduardo Adrian
WALLES, Frank
CAVE, Geoffrey
SADYKHOV, Said D.
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G01N 22/04
G01N 33/28
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| (72) KARIMI, Muhammad Akram | (31) 102017112743 | SHAPED COOLING CHANNEL |
| SHAMIM, Atif | (32) 09.06.2017 | (73) Raytheon Technologies Corporation |
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| MODELS FOR PHASE EQUILIBRIA | (32) 28.12.2018 | STRUCTURE, AND COMPRESSOR |
| CALCULATIONS IN COMPOSITIONAL | (33) Italy | (73) Gree Electric Appliances (Wuhan) Co., |
| RESERVOIR SIMULATIONS | (51) F01D 5/00 | Ltd. |
| (73) Saudi Arabian Oil Company | F01D 5/14 | Gree Electric Appliances, Inc. of Zhuhai |
| (72) RAMAN, Vinay | B23P 6/00 | (72) LIU, Zengyue |
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| E21D 9/08 | (21) EP19190609.8 | JIANG, Caiyun |
| E21D 9/093 | (47) 25.10.2023 | ZHOU, Yi |
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| ARBITRARY CROSS SECTION | (32) 24.07.2019 | (54) BLADE PROVIDED WITH A COOLING |
| (73) China Railway Engineering Equipment | 13.08.2018 | CIRCUIT |
| Group Co., Ltd. | (33) United States of America | (73) SAFRAN AIRCRAFT ENGINES |
| (72) JIANG, Lijie | United States of America | (72) SLUSARZ, Michel |
| LI, Jianbin | (51) F01D 5/06 | ENEAU, Patrice |
| HE, Fei | (11) EP3301258 | DUJOL, Charlotte, Marie |
| JIA, Lianhui | (21) EP17192907.8 | (31) 1908825 |
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| (31) 201811259349 | A DISK | B22C 9/10 |
| (32) 26.10.2018 | (73) SAFRAN AIRCRAFT ENGINES | B22C 9/24 |
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| (72) XU, JinQuan | AND METHOD FOR COMMUNICATING | F04D 25/06 |
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| (32) 24.04.2012 | COMPONENT | F04D 29/58 |
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| (51) F01D 5/20 | (72) LORICCO, Nicholas M. | F25B 31/02 |
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| AND METHOD OF FORMING A GAS | (21) EP19701908.6 | (21) EP21700483.7 |
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| (73) Rolls-Royce Corporation | (87) IB2019050226 | (87) EP2021025004 |
| (72) Henderkott, Joseph | 01.08.2019 | 22.07.2021 |
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| Weaver, John | (54) TURBOMACHINE PROVIDED WITH | (54) INTEGRATED EXPANDER AND |
| Wood, Michael | FLUID SEALING DEVICE | MOTOR-COMPRESSOR ASSEMBLY |
| (31) 201815972725 | (73) Turboden S.p.A. | AND CLOSED LOOP COOLING |
| (32) 07.05.2018 | (72) GAIA, Mario | CIRCUIT COMPRISING SUCH AN |
| (33) United States of America | BINI, Roberto | ASSEMBLY |
| (51) F01D 5/20 | MONTERISI, Andrea | (73) Thermodyn SAS |
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| WONG, Li, Shing | TURBINE ENGINE | (54) VANE ANGLE MEASUREMENT |
| SIW, Sin, Chien | (73) Raytheon Technologies Corporation | (73) Raytheon Technologies Corporation |
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| (22) 13.09.2019 | (47) 25.10.2023 | (21) EP19790650.6 |
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| AND AIRCRAFT TURBOMACHINE | (54) TURBINE RING ASSEMBLY | (22) 16.09.2019 |
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| FANELLI, Jérémy, Jacques, Attilio | EVAIN, Gaël | (73) SAFRAN AIRCRAFT ENGINES |
| FRANCOIS, Etienne, Léon | PLANCKEEL, Aline | (72) DENEUVE, Sébastien Jean Fernand |
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| (72) ISHIBASHI, Koji | XU, Liming | (21) EP20703254.1 |
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| F04D 29/70 | F01P 3/12 | FENILI, Francesco |
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| F01L 1/18 | (54) COVER ASSEMBLY AND METHOD FOR MANUFACTURING A COVER ASSEMBLY FOR AN EXHAUST SYSTEM OF A COMBUSTION ENGINE | (51) F01P 3/18 |
| F01L 1/245 | | B60K 11/02 |
| (11) EP3901426 | (73) Purem GmbH | F01N 3/10 |
| (21) EP18943790.8 | (72) Gorke, Peter | B60K 11/04 |
| (47) 25.10.2023 | Hempel, Frank | F01P 1/00 |
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| (72) JIA, Demin | F01N 13/00 | (22) 18.11.2019 |
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| LI, Zhijie | F01N 3/20 | (73) CLAAS Selbstfahrende Erntemaschinen GmbH |
| ZHAN, Qiang | B01F 23/213 | (72) von Teschenhausen-Uckelmann, Ulrich |
| WANG, Bo | B01F 25/313 | (31) 102019000845 |
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| (87) CN2018090304 | (72) INOUE Tsuyoshi | (72) KAGAWA, Hiroki |
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| F01P 11/00 | (51) F02B 75/04 | (22) 27.11.2020 |
| B60L 3/00 | F02D 15/02 | (54) GAS TURBINE ENGINE, PART |
| F16L 41/08 | F02B 25/04 | THEREOF, AND ASSOCIATED |
| F01P 11/02 | F16N 7/38 | METHOD OF OPERATION |
| F01P 11/14 | F01B 9/02 | (73) Pratt & Whitney Canada Corp. |
| B60K 11/02 | (11) EP3760852 | (72) MORADI, Niloofer |
| F01P 11/18 | (21) EP19760087.7 | (31) 201916699041 |
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| (54) COOLING DEVICE | (73) Mitsui E&S DU Co., Ltd. | (21) EP20182212.9 |
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| (72) KADOI, Shun | HAYASHI, Mitsuaki | (22) 25.06.2020 |
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| HADA, Masatoshi | (32) 28.02.2018 | TURBINE ENGINES |
| HANE, Nobuteru | (33) Japan | (73) The Boeing Company |
| KUMAGAI, Satoru | (51) F02B 77/11 | (72) LIU, Shengyi |
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| F02D 13/02 | (72) OKAMURA, Kazumi | ENGINE CONTROL |
| F02B 19/14 | AOKI, Motoi | (73) Raytheon Technologies Corporation |
| F02B 23/02 | SHINHAMA, Makoto | (72) KARPMAN, Boris |
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| AFTERTREATMENT | F02C 7/36 | (21) EP22153804.4 |
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| (54) GENERATOR SET | (33) United States of America | F02B 23/06 |
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| (72) MUSICK, Eric | F01D 25/08 | (21) EP20194001.2 |
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| (73) Raytheon Technologies Corporation (72) SCHWARZ, Frederick M. SHERIDAN, William G. | (73) Renault s.a.s (72) LACOUR, Marc DEBROIS, Olivier | (31) 17172212 (32) 22.05.2017 (33) European Patent Office (EPO) |
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| (73) SAFRAN AIRCRAFT ENGINES (72) TESSIEREAU, Antonin, Etienne, Diego MATHIAS, Cyrille, François, Antoine BALK, Wouter | (73) Steve Leigh & Associates Limited (72) LEIGH, Steve LIVINGSTONE, Amelia BAKER, James NAYLOR, Stuart COHEN, Philip | (31) 16187660 (32) 07.09.2016 (33) European Patent Office (EPO) |
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| GENERATOR SET AND CONNECTING | F04B 49/06 | A47L 15/00 |
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| (54) ROTARY PISTON TYPE ACTUATOR | F16B 37/04 | F16B 41/00 |
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| (73) Saint-Gobain Performance Plastics Corporation | (72) LV, Feng | (73) FLUOR TUBING B.V. |
| (72) ARMITAGE, Mark W. | LIU, Tangqing | Tubigomma Deregibus S.r.l. |
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| F24F 11/52 | CALCULATION AND VISUALIZATION | (51) F24H 9/1818 |
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| APPLICATION | MATHUR, Ashish | G06Q 20/32 |
| (73) Axis AB | CHHABRA, Raja | G06F 21/62 |
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| (54) BACKHAUL-AWARE BASE STATION | H04L 1/00 | (11) EP4140202 |
| SELECTION | (11) EP3826370 | (21) EP21719283.0 |
| (73) Airspan IP Holdco LLC | (21) EP19847169.0 | (47) 25.10.2023 |
| (72) TERRY, Kevin Andrew | (47) 25.10.2023 | (87) IB2021053004 |
| CARTER, Alan | (87) CN2019099988 | 28.10.2021 |
| (31) 201715782051 | 13.02.2020 | (22) 12.04.2021 |
| (32) 12.10.2017 | (22) 09.08.2019 | (54) METHODS AND NODES FOR |
| (33) United States of America | (54) CONFIGURING DIFFERENT | EFFICIENT MAC CE DESIGN FOR |
| (51) H04W 48/20 | QUANTITIES OF LAYERS FOR | INDICATING MAPPING BETWEEN |
| H04W 48/18 | TRANSMITTING DATA THROUGH | PATHLOSS REFERENCE AND |
| (11) EP3820192 | A PDSCH UNDER DIFFERENT | MULTIPLE SRI |
| (21) EP19842127.3 | CONDITIONS | (73) Telefonaktiebolaget LM Ericsson (publ) |
| (47) 25.10.2023 | (73) HUAWEI TECHNOLOGIES CO., LTD. | (72) MÄÄTTÄNEN, Helka-Liina |
| (87) CN2019094828 | (72) HUANG, Wenwen | FOLKE, Mats |
| 30.01.2020 | HUA, Meng | (31) 202063014470 P |
| (22) 05.07.2019 | TIE, Xiaolei | (32) 23.04.2020 |
| (54) COMMUNICATION METHOD, ACCESS | (31) 201910028357 | (33) United States of America |
| NETWORK DEVICE, AND TERMINAL | 201810911048 | (51) H04W 52/14 |
| DEVICE | (32) 11.01.2019 | H04W 52/34 |
| (73) Huawei Technologies Co., Ltd. | 10.08.2018 | H04W 52/36 |
| (72) JIN, Yinghao | (33) China | (11) EP3811691 |
| HAN, Feng | China | (21) EP19739818.3 |
| TAN, Wei | (51) H04W 52/02 | (47) 25.10.2023 |
| (31) 201810844820 | H04L 5/00 | (87) US2019038964 |

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| 02.01.2020 | 29.03.2019 | (54) CONVEYING HYPOTHESES THROUGH RESOURCE SELECTION OF SYNCHRONIZATION AND BROADCAST CHANNELS |
| (22) 25.06.2019 | 29.03.2019 | (73) QUALCOMM Incorporated |
| (54) DUAL CONNECTIVITY TRANSMISSION TECHNIQUES | (33) Korea (Republic) | (72) ISLAM, Muhammad Nazmul |
| (73) QUALCOMM Incorporated | Korea (Republic) | ABEDINI, Navid |
| (72) HOSSEINI, Seyedkianoush | Korea (Republic) | LUO, Tao |
| WANG, Xiao Feng | (51) H04W 52/34 | SUBRAMANIAN, Sundar |
| LEE, Heechoon | H04W 52/24 | CEZANNE, Juergen |
| CHEN, Wanshi | H04W 52/32 | SAMPATH, Ashwin |
| GAAL, Peter | H04W 52/38 | GOROKHOV, Alexei Yurievitch |
| (31) 201916449307 | H04W 4/40 | LI, Junyi |
| 201862689825 P | H04W 92/18 | SADIQ, Bilal |
| (32) 21.06.2019 | H04W 52/16 | (31) 201715608887 |
| 25.06.2018 | H04W 52/42 | 201662410073 P |
| (33) United States of America | (11) EP3955657 | 201662350171 P |
| United States of America | (21) EP20799588.7 | 201662344381 P |
| (51) H04W 52/32 | (47) 25.10.2023 | (32) 30.05.2017 |
| H04W 52/14 | (87) KR2020005346 | 19.10.2016 |
| (11) EP3769567 | 05.11.2020 | 29.09.2016 |
| (21) EP19716046.8 | (22) 23.04.2020 | 14.06.2016 |
| (47) 25.10.2023 | (54) METHOD AND DEVICE FOR CONTROLLING SIDELINK TRANSMISSION POWER IN NR V2X | 01.06.2016 |
| (87) US2019023722 | (73) LG Electronics Inc. | (33) United States of America |
| 26.09.2019 | (72) HWANG, Daesung | United States of America |
| (22) 22.03.2019 | SEO, Hanbyul | United States of America |
| (54) POWER CONTROL TECHNIQUES FOR UPLINK CONTROL INFORMATION TRANSMISSIONS IN WIRELESS COMMUNICATIONS | LEE, Seungmin | United States of America |
| (73) QUALCOMM INCORPORATED | (31) 201962938247 P | United States of America |
| (72) HUANG, Yi | 201962937163 P | United States of America |
| WANG, Xiao Feng | 201962839762 P | (51) H04W 56/00 |
| GAAL, Peter | (32) 20.11.2019 | H04J 11/00 |
| (31) 201916361137 | 18.11.2019 | H04L 5/00 |
| 201862647547 P | 28.04.2019 | (11) EP3593575 |
| (32) 21.03.2019 | (33) United States of America | (21) EP18770655.1 |
| 23.03.2018 | United States of America | (47) 25.10.2023 |
| (33) United States of America | United States of America | (87) KR2018003555 |
| United States of America | (51) H04W 52/42 | 27.09.2018 |
| (51) H04W 52/32 | H04W 52/54 | (22) 26.03.2018 |
| H04W 52/40 | H04W 52/14 | (54) APPARATUS AND METHOD FOR ENHANCED SYNCHRONIZATION SIGNALS FOR COVERAGE ENHANCEMENTS OF LOW COST USER EQUIPMENT |
| H04W 52/14 | H04W 16/28 | (73) Samsung Electronics Co., Ltd. |
| H04W 52/36 | H04B 7/0413 | (72) SI, Hongbo |
| H04B 7/06 | (11) EP3913995 | LIN, Qiongjie |
| H04B 7/0413 | (21) EP20756201.8 | LIU, Le |
| H04B 7/024 | (47) 25.10.2023 | PAPASAKELLARIOU, Aris |
| H04W 72/04 | (87) KR2020002174 | (31) 201815927800 |
| H04W 72/12 | 20.08.2020 | 201862640360 P |
| (11) EP3930388 | (22) 14.02.2020 | 201762588006 P |
| (21) EP20782112.5 | (54) METHOD FOR TRANSMITTING/RECEIVING DATA IN WIRELESS COMMUNICATION SYSTEM, AND DEVICE THEREFOR | 201762532908 P |
| (47) 25.10.2023 | (73) LG Electronics Inc. | 201762479859 P |
| (87) KR2020002094 | (72) PARK, Haewook | 201762476299 P |
| 08.10.2020 | KANG, Jiwon | (32) 21.03.2018 |
| (22) 14.02.2020 | PARK, Jonghyun | 08.03.2018 |
| (54) METHOD FOR DETERMINING TRANSMISSION BLOCK SIZE AND TRANSMITTING AND RECEIVING DATA IN WIRELESS COMMUNICATION SYSTEM, AND DEVICE FOR SAME | KIM, Kijun | 17.11.2017 |
| (73) LG Electronics Inc. | YOON, Sukhyon | 14.07.2017 |
| (72) KIM, Kyuseok | (31) 20190017458 | 31.03.2017 |
| KIM, Hyungtae | (32) 14.02.2019 | 24.03.2017 |
| KANG, Jiwon | (33) Korea (Republic) | (33) United States of America |
| (31) 20190100022 | (51) H04W 56/00 | United States of America |
| 20190100023 | (11) EP3466164 | United States of America |
| 20190037391 | (21) EP17729990.6 | United States of America |
| 20190037390 | (47) 25.10.2023 | United States of America |
| (32) 15.08.2019 | (87) US2017035289 | United States of America |
| 15.08.2019 | 07.12.2017 | (51) H04W 56/00 |
| | (22) 31.05.2017 | H04W 16/14 |

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| (11) EP3222094 | H04W 48/12 | (47) 25.10.2023 |
| (21) EP15778160.0 | (11) EP3607786 | (87) CN2019073538 |
| (47) 25.10.2023 | (21) EP18714115.5 | 06.08.2020 |
| (87) US2015052656 | (47) 25.10.2023 | (22) 28.01.2019 |
| 26.05.2016 | (87) US2018021825 | (54) MEASUREMENT CONTROL METHOD, |
| (22) 28.09.2015 | 11.10.2018 | TERMINAL DEVICE, AND NETWORK |
| (54) TECHNIQUES FOR TRANSMITTING | (22) 09.03.2018 | DEVICE |
| SYNCHRONIZATION SIGNALS IN | (54) QUASI CO-LOCATION OF ANTENNA | (73) GUANGDONG OPPO MOBILE |
| A SHARED RADIO FREQUENCY | PORTS USED TO TRANSMIT PAGING | TELECOMMUNICATIONS CORP., LTD. |
| SPECTRUM BAND | MESSAGE AND SYNCHRONIZATION | (72) WANG, Shukun |
| (73) QUALCOMM Incorporated | SIGNALS | (51) H04W 72/04 |
| (72) LUO, Tao | (73) Qualcomm Incorporated | H04L 5/00 |
| DAMNJANOVIC, Aleksandar | (72) ISLAM, Muhammad Nazmul | (11) EP3863351 |
| GAAL, Peter | (31) 201815915591 | (21) EP21155652.7 |
| (31) 201514866381 | 201762521315 P | (47) 25.10.2023 |
| 201462080622 P | 201762502241 P | (22) 12.02.2019 |
| (32) 25.09.2015 | 201762481069 P | (54) OFDM COMMUNICATIONS SYSTEM |
| 17.11.2014 | (32) 08.03.2018 | WITH METHOD FOR DETERMINATION |
| (33) United States of America | 16.06.2017 | OF SUBCARRIER OFFSET FOR OFDM |
| United States of America | 05.05.2017 | SYMBOL GENERATION |
| (51) H04W 56/00 | 03.04.2017 | (73) Huawei Technologies Co., Ltd. |
| H04W 72/04 | (33) United States of America | (72) ABDOLI, Javad |
| H04W 88/06 | United States of America | TANG, Zhenfei |
| (11) EP3473041 | United States of America | (31) 201816199883 |
| (21) EP17816159.2 | United States of America | 201862631144 P |
| (47) 25.10.2023 | (51) H04W 72/04 | (32) 26.11.2018 |
| (87) US2017038599 | H04B 7/06 | 15.02.2018 |
| 28.12.2017 | H04B 7/08 | (33) United States of America |
| (22) 21.06.2017 | H04L 5/00 | United States of America |
| (54) FAST STEERING TIMING AND | (11) EP3809780 | (51) H04W 72/04 |
| RESOURCE ALLOCATION | (21) EP19850667.7 | H04L 5/00 |
| (73) Intel Corporation | (47) 25.10.2023 | H04J 11/00 |
| (72) Alpert, Yaron | (87) CN2019099747 | H04L 27/26 |
| Ghosh, Chittabrata | 20.02.2020 | (11) EP3855836 |
| Stacey, Robert J. | (22) 08.08.2019 | (21) EP19875544.9 |
| (31) 201662352618 P | (54) SIGNAL TRANSMISSION METHOD | (47) 25.10.2023 |
| (32) 21.06.2016 | AND COMMUNICATION APPARATUS | (87) CN2019110591 |
| (33) United States of America | (73) Huawei Technologies Co., Ltd. | 30.04.2020 |
| (51) H04W 64/00 | (72) GUAN, Peng | (22) 11.10.2019 |
| H04W 24/10 | ZHANG, Xi | (54) METHOD AND APPARATUS FOR USE |
| H04W 56/00 | CHEN, Lei | IN WIRELESS COMMUNICATION |
| H04L 5/00 | FAN, Xuyun | NODE |
| G01S 5/02 | (31) 201810943486 | (73) SHANGHAI LANGBO |
| G01S 5/10 | (32) 17.08.2018 | COMMUNICATION TECHNOLOGY |
| G01S 5/12 | (33) China | COMPANY LIMITED |
| (11) EP3911053 | (51) H04W 72/04 | (72) LIU, Zheng |
| (21) EP20756592.0 | H04L 5/00 | ZHANG, Xiaobo |
| (47) 25.10.2023 | (11) EP3780813 | YANG, Lin |
| (87) KR2020002152 | (21) EP19781069.0 | (31) 201811229797 |
| 20.08.2020 | (47) 25.10.2023 | (32) 22.10.2018 |
| (22) 14.02.2020 | (87) CN2019081490 | (33) China |
| (54) METHODS FOR POSITIONING | 10.10.2019 | (51) H04W 72/04 |
| IN WIRELESS COMMUNICATION | (22) 04.04.2019 | H04L 5/00 |
| SYSTEM, AND DEVICES FOR | (54) TIME DOMAINRESOURCE | H04W 72/12 |
| SUPPORTING THE SAME | DETERMINATION METHOD, | (11) EP3651516 |
| (73) LG Electronics Inc. | APPARATUS AND STORAGE MEDIUM. | (21) EP18835258.7 |
| (72) CHA, Hyunsu | (73) ZTE Corporation | (47) 25.10.2023 |
| YOON, Sukhyon | (72) LIU, Xing | (87) CN2018085629 |
| (31) 201962806720 P | HAO, Peng | 24.01.2019 |
| (32) 15.02.2019 | LIANG, Yachao | (22) 04.05.2018 |
| (33) United States of America | BI, Feng | (54) CROSS-FORMAT SCHEDULING |
| (51) H04W 68/02 | (31) 201810301332 | METHOD AND BASE STATION |
| H04L 5/00 | (32) 04.04.2018 | (73) Huawei Technologies Co., Ltd. |
| H04L 5/14 | (33) China | (72) GAO, Quanzhong |
| H04W 52/02 | (51) H04W 72/04 | ZHOU, Lin |
| H04W 56/00 | H04L 5/00 | CHEN, Shuai |
| H04B 7/0413 | (11) EP3879903 | CHEN, Wei |
| H04B 7/06 | (21) EP19913138.4 | ZHENG, Xiaojun |

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| (31) 201710593177 | (47) 25.10.2023 | LU, Qianxi |
| (32) 19.07.2017 | (87) CN2018099417 | (51) H04W 72/51 |
| (33) China | 14.02.2019 | H04W 72/12 |
| (51) H04W 72/04 | (22) 08.08.2018 | H04W 88/06 |
| H04W 72/23 | (54) DATA TRANSMISSION METHOD, BASE | (11) EP3928576 |
| H04L 5/00 | STATION, AND USER EQUIPMENT | (21) EP20783861.6 |
| H04W 72/12 | (73) Huawei Technologies Co., Ltd. | (47) 25.10.2023 |
| H04W 74/08 | (72) Li, Jun | (87) CN2020079527 |
| (11) EP3972368 | TIE, Xiaolei | 08.10.2020 |
| (21) EP21193183.7 | ROLLINGER, Odile | (22) 16.03.2020 |
| (47) 25.10.2023 | SHAN, Baokun | (54) APPARATUS AND METHOD OF |
| (22) 26.08.2021 | JIN, Zhe | WIRELESS COMMUNICATION |
| (54) METHOD AND APPARATUS FOR | (31) 201710687841 | (73) GUANGDONG OPPO MOBILE |
| SMALL DATA TRANSMISSION (SDT) | (32) 11.08.2017 | TELECOMMUNICATIONS CORP., LTD. |
| PROCEDURE IN A WIRELESS | (33) China | (72) LIN, Hwei-Ming |
| COMMUNICATION SYSTEM | (51) H04W 72/121 | (31) 201962827278 P |
| (73) ASUSTek Computer Inc. | H04W 84/12 | (32) 01.04.2019 |
| (72) SHIH, Tun-Huai | (11) EP3818763 | (33) United States of America |
| GUO, Yu-Hsuan | (21) EP19746555.2 | (51) H04W 74/00 |
| OU, Meng-Hui | (47) 25.10.2023 | H04W 74/08 |
| (31) 202063079934 P | (87) US2019040337 | (11) EP3829251 |
| 202063079911 P | 09.01.2020 | (21) EP18927785.8 |
| 202063079897 P | (22) 02.07.2019 | (47) 25.10.2023 |
| 202063079890 P | (54) DATA CHANNEL AND CONTROL/ | (87) CN2018097103 |
| (32) 17.09.2020 | MANAGEMENT CHANNEL | 30.01.2020 |
| 17.09.2020 | SEPARATION | (22) 25.07.2018 |
| 17.09.2020 | (73) QUALCOMM Incorporated | (54) TRANSMISSION CONFIGURATION |
| 17.09.2020 | (72) CHERIAN, George | METHOD AND APPARATUS |
| (33) United States of America | ASTERJADHI, Alfred | (73) Beijing Xiaomi Mobile Software Co., Ltd. |
| United States of America | PATIL, Abhishek Pramod | (72) LI, Mingju |
| United States of America | (31) 201916459307 | (51) H04W 74/00 |
| United States of America | 201862712488 P | H04W 74/08 |
| (51) H04W 72/12 | 201862694428 P | H04W 16/28 |
| (11) EP3911097 | (32) 01.07.2019 | H04L 5/14 |
| (21) EP21170977.9 | 31.07.2018 | H04L 5/00 |
| (47) 25.10.2023 | 05.07.2018 | (11) EP3641472 |
| (22) 28.04.2021 | (33) United States of America | (21) EP18817070.8 |
| (54) MULTI-RADIO FREQUENCY ANTI- | United States of America | (47) 25.10.2023 |
| INTERFERENCE METHOD AND | United States of America | (87) JP2018023013 |
| RELATED DEVICE | (51) H04W 72/23 | 20.12.2018 |
| (73) Huawei Technologies Co., Ltd. | (11) EP3684133 | (22) 15.06.2018 |
| (72) XIE, Jianping | (21) EP17925336.4 | (54) TERMINAL DEVICE, BASE STATION |
| LIU, Fang | (47) 25.10.2023 | DEVICE, COMMUNICATION METHOD, |
| (31) 202010366428 | (87) CN2017101881 | AND INTEGRATED CIRCUIT |
| (32) 30.04.2020 | 21.03.2019 | (73) Sharp Kabushiki Kaisha |
| (33) China | (22) 15.09.2017 | FG INNOVATION COMPANY LIMITED |
| (51) H04W 72/12 | (54) METHOD FOR CONFIGURING | (72) TAKAHASHI, Hiroki |
| H04L 5/00 | SCHEDULING REQUEST, TERMINAL | YAMADA, Shohei |
| H04W 72/23 | DEVICE, AND COMPUTER STORAGE | TSUBOI, Hidekazu |
| H04L 27/00 | MEDIUM | YOKOMAKURA, Kazunari |
| H04W 74/08 | (73) GUANGDONG OPPO MOBILE | (31) 2017117489 |
| (11) EP3896893 | TELECOMMUNICATIONS CORP., LTD. | (32) 15.06.2017 |
| (21) EP21178912.8 | (72) TANG, Hai | (33) Japan |
| (47) 25.10.2023 | (51) H04W 72/23 | (51) H04W 74/04 |
| (22) 07.08.2015 | H04L 5/00 | H04W 52/14 |
| (54) SELF- AND CROSS-CARRIER | H04L 1/1829 | H04L 27/26 |
| SCHEDULING | (11) EP3972360 | H04W 84/12 |
| (73) Panasonic Intellectual Property | (21) EP19945250.9 | H04W 74/00 |
| Corporation of America | (47) 25.10.2023 | H04W 52/04 |
| (72) GOLITSCHKE EDLER VON ELBWART, | (87) CN2019105465 | H04W 52/24 |
| Alexander | 18.03.2021 | H04L 5/00 |
| SUZUKI, Hidetoshi | (22) 11.09.2019 | H04W 72/04 |
| (51) H04W 72/12 | (54) WIRELESS COMMUNICATION | (11) EP3453217 |
| H04W 74/00 | METHOD, TERMINAL DEVICE AND | (21) EP17723897.9 |
| H04W 76/10 | NETWORK DEVICE | (47) 25.10.2023 |
| H04W 74/08 | (73) GUANGDONG OPPO MOBILE | (87) US2017031349 |
| (11) EP3648533 | TELECOMMUNICATIONS CORP., LTD. | 09.11.2017 |
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| (54) TRIGGER FRAME IN WIRELESS LOCAL AREA NETWORK | (21) EP16758258.4 | H04L 65/40 |
| (73) QUALCOMM Incorporated | (47) 25.10.2023 | (11) EP3634078 |
| (72) VERMA, Lochan | (87) GB2016052666 | (21) EP18819999.6 |
| VERMANI, Sameer | 09.03.2017 | (47) 25.10.2023 |
| TIAN, Bin | (22) 26.08.2016 | (87) CN2018090015 |
| YANG, Lin | (54) COLLISION AVOIDANCE METHOD | 27.12.2018 |
| BANERJEA, Raja | AND SYSTEM FOR WIRELESS | (22) 05.06.2018 |
| ASTERJADHI, Alfred | COMMUNICATION SYSTEMS | (54) SESSION MANAGEMENT METHOD |
| (31) 201715587135 | (73) PureLiFi Limited | AND DEVICE |
| 201715587156 | (72) AFGANI, Mostafa | (73) Huawei Technologies Co., Ltd. |
| 201662361968 P | (31) 201515307 | (72) YU, Youyang |
| 201662344350 P | (32) 28.08.2015 | LI, Hancheng |
| 201662332990 P | (33) United Kingdom | (31) 201710477812 |
| (32) 04.05.2017 | (51) H04W 74/08 | (32) 20.06.2017 |
| 04.05.2017 | H04L 5/00 | (33) China |
| 13.07.2016 | (11) EP3771276 | (51) H04W 76/10 |
| 01.06.2016 | (21) EP18911882.1 | H04W 48/12 |
| 06.05.2016 | (47) 25.10.2023 | H04L 41/0806 |
| (33) United States of America | (87) CN2018081398 | (11) EP3844997 |
| United States of America | 03.10.2019 | (21) EP18762518.1 |
| United States of America | (22) 30.03.2018 | (47) 25.10.2023 |
| United States of America | (54) DATA TRANSMISSION METHOD AND | (87) EP2018073515 |
| United States of America | DEVICE | 05.03.2020 |
| (51) H04W 74/08 | (73) Beijing Xiaomi Mobile Software Co., Ltd. | (22) 31.08.2018 |
| (11) EP3975653 | (72) ZHU, Yajun | (54) TECHNIQUE FOR TIME-SENSITIVE |
| (21) EP19945203.8 | (51) H04W 74/08 | NETWORKING OVER A RADIO |
| (47) 25.10.2023 | H04W 52/48 | ACCESS NETWORK |
| (87) CN2019105575 | H04W 52/36 | (73) Telefonaktiebolaget LM Ericsson (publ) |
| 18.03.2021 | H04W 52/50 | (72) MUNZ, Hubertus |
| (22) 12.09.2019 | H04L 1/08 | DUDDA, Torsten |
| (54) RANDOM ACCESS METHOD AND | H04W 52/14 | PATEL, Dhruvin |
| APPARATUS | H04W 52/24 | (51) H04W 76/10 |
| (73) GUANGDONG OPPO MOBILE | (11) EP3982689 | H04W 48/18 |
| TELECOMMUNICATIONS CORP., LTD. | (21) EP20853853.8 | H04W 84/12 |
| (72) SHI, Cong | (47) 25.10.2023 | (11) EP3562257 |
| (51) H04W 74/08 | (87) KR2020010040 | (21) EP17896742.8 |
| (11) EP3952551 | 25.02.2021 | (47) 25.10.2023 |
| (21) EP19923700.9 | (22) 30.07.2020 | (87) CN2017103174 |
| (47) 25.10.2023 | (54) METHOD BY WHICH TERMINAL | 23.08.2018 |
| (87) CN2019080345 | TRANSMITS/RECEIVES SIGNAL FOR | (22) 25.09.2017 |
| 08.10.2020 | PERFORMING RANDOM ACCESS | (54) WIRELESS FIDELITY (WI-FI) |
| (22) 29.03.2019 | CHANNEL PROCEDURE IN WIRELESS | CONNECTION METHOD AND |
| (54) RANDOM ACCESS METHOD AND | COMMUNICATION SYSTEM, AND | RELATED PRODUCT |
| DEVICE, AND COMPUTER READABLE | DEVICE THEREFOR | (73) GUANGDONG OPPO MOBILE |
| STORAGE MEDIUM | (73) LG Electronics Inc. | TELECOMMUNICATIONS CORP., LTD. |
| (73) Beijing Xiaomi Mobile Software Co., Ltd. | (72) LEE, Jeongsu | (72) YU, Yi |
| (72) LIU, Yang | KO, Hyunsoo | JIANG, Shimin |
| (51) H04W 74/08 | (31) 20190100626 | HU, Yadong |
| (11) EP3928586 | (32) 16.08.2019 | CU, Botao |
| (21) EP20713129.3 | (33) Korea (Republic) | (31) 201710090717 |
| (47) 25.10.2023 | (51) H04W 74/08 | (32) 20.02.2017 |
| (87) US2020019397 | H04W 76/19 | (33) China |
| 27.08.2020 | H04B 7/06 | (51) H04W 76/14 |
| (22) 23.02.2020 | (11) EP3737192 | H04W 28/24 |
| (54) ENHANCED LISTEN-BEFORE-TALK | (21) EP18904531.3 | H04W 76/18 |
| (73) Google LLC | (47) 25.10.2023 | (11) EP3955692 |
| (72) WU, Frank | (87) CN2018075673 | (21) EP19926973.9 |
| (31) 201962810200 P | 15.08.2019 | (47) 25.10.2023 |
| 201962809600 P | (22) 07.02.2018 | (87) CN2019085338 |
| (32) 25.02.2019 | (54) METHOD FOR LINK | 05.11.2020 |
| 23.02.2019 | RECONFIGURATION AND TERMINAL | (22) 30.04.2019 |
| (33) United States of America | DEVICE | (54) INFORMATION PROCESSING |
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| (51) H04W 74/08 | TELECOMMUNICATIONS CORP., LTD. | STORAGE MEDIUM |
| H04B 10/116 | (72) SHI, Zhihua | (73) GUANGDONG OPPO MOBILE |
| H04B 10/114 | CHEN, Wenhong | TELECOMMUNICATIONS CORP., LTD. |
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| | (51) H04W 76/10 | ZHAO, Zhenshan |

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| LIN, Hwei-Ming | H04W 48/12 | EVERYTHING COMMUNICATION |
| (51) H04W 76/14 | H04L 25/02 | POLICY |
| H04W 72/20 | H04W 48/16 | (73) GUANGDONG OPPO MOBILE |
| H04W 88/06 | (11) EP3834333 | TELECOMMUNICATIONS CORP., LTD. |
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| H04W 16/14 | (47) 25.10.2023 | XU, Yang |
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| (47) 25.10.2023 | REFERENCE SIGNAL TRANSMISSION | (21) EP22167877.4 |
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| (73) Samsung Electronics Co., Ltd. | 201862717641 P | (72) SONG, Hyun Seok |
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| H04W 88/06 | H04W 4/08 | (51) H05B 3/42 |
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| (54) CELLULAR DUAL CONNECTIVITY | DIRECT PROTOCOL, AND METHOD | (73) Nicoventures Trading Limited |
| SETUP | RELATED THERETO | (72) SALEEM, Fozia |
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| United States of America | SPATIAL REUSE BASED ON MULTI- | REUL, Bernhard |
| (51) H04W 76/27 | ACCESS POINT (AP) COORDINATION | RATEICZAK, Mitja |
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| (54) RRC CONNECTION MANAGEMENT | (51) H04W 92/18 | (51) H05B 6/06 |
| METHOD AND APPARATUS, AND | H04W 4/46 | H05B 1/02 |
| DEVICE | (11) EP3873169 | H02M 1/00 |
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| (51) H04W 76/28 | (22) 24.09.2019 | (54) CIRCUIT DEVICE FOR A COOKING |
| H04L 5/00 | (54) METHOD AND APPARATUS | DEVICE, IN PARTICULAR COOKING |
| H04B 7/06 | FOR ACQUIRING VEHICLE TO | HOB, MORE IN PARTICULAR |

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| (73) ELECTROLUX APPLIANCES AKTIEBOLAG | (51) H05B 45/10 H05B 45/3575 H05B 45/3725 | (73) Signify Holding B.V. (72) SQUILLACE, Jorge, Gabriel ALIAKSEYEU, Dzmitry, Viktorovich |
| (72) MENGOZZI, Alan NOSTRO, Massimo URGESE, Emanuel VIROLI, Alex ZANGOLI, Massimo | (11) EP2890220 (21) EP13199557.3 (47) 25.10.2023 (22) 24.12.2013 (54) Bleeder circuit controller | (31) 20176221 (32) 25.05.2020 (33) European Patent Office (EPO) |
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| (22) 12.03.2018 (54) COOKING DEVICE AND METHOD FOR PRODUCING A COOKING DEVICE | (21) EP19831620.0 (47) 25.10.2023 (87) EP2019084975 25.06.2020 | (22) 30.03.2021 (54) CABINET LIGHTING POWER-TAKING SYSTEM |
| (73) BSH Hausgeräte GmbH (72) CEAMANOS GAYA, Jesús GOMEZ BACHILLER, Patricia HERNANDEZ BLASCO, Pablo Jesus MANTILLA CHACÓN, Henry Mauricio MARTIN GOMEZ, Damaso ONDIVIELA SERRANO, Esther OSTA LOMBARDO, Marta RUIZ GRACIA, Jesús Ricardo | (22) 12.12.2019 (54) CURRENT SENSOR AND MEASURING METHOD FOR THE SWITCHED SENSING OF AN ALTERNATING CURRENT | (73) Shenzhen Step Electronic and Lighting Co.,Ltd (72) ZHANG, Huilong TANG, Pengfei HUA, Min |
| (31) 201730441 (32) 28.03.2017 (33) Spain | (73) Tridonic GmbH & Co. KG (72) KLIEN, Dietmar (31) 102018132656 (32) 18.12.2018 (33) Germany | (31) 202010944531 (32) 09.09.2020 (33) China |
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| (11) EP3612003 (21) EP17905133.9 (47) 25.10.2023 (87) KR2017007536 18.10.2018 | (51) H05B 45/20 (11) EP3448126 (21) EP18194160.0 (47) 25.10.2023 (22) 02.03.2007 (54) CONTROL DEVICE FOR CONTROLLING THE COLOR OF LIGHT EMITTED FROM A LIGHT SOURCE | (22) 22.12.2020 (54) OPERATION-CONTROL NODE FOR CONTROLLING LIGHTING DEVICES |
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| (51) H05B 6/66 H05B 6/80 H05H 9/04 H01J 25/50 | (51) H05B 45/20 H05B 47/105 H05B 47/175 H05B 45/325 | (51) H05F 3/04 H01T 23/00 H05H 1/46 H01J 37/32 (11) EP3852503 (21) EP18933511.0 (47) 25.10.2023 (87) JP2018043779 19.03.2020 (22) 28.11.2018 (54) ELECTRICITY REMOVAL DEVICE AND PLASMA GENERATION DEVICE |
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| (73) Elekta Limited (72) ALLEN, John | (73) Yazaki Corporation (72) Yamamoto, Shohei (31) 2021154656 (32) 22.09.2021 (33) Japan | (73) Kasuga Denki, Inc. Japan Aerospace Exploration Agency (72) NOMURA, Nobuo MOGAMI, Tomofumi MINEMURA, Kazuki KODA, Daiki MORISHITA, Takato HOSODA, Satoshi KUNINAKA, Hitoshi |

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| (54) EMBEDDED PROTECTION AGAINST | ON BOTH SIDES | G02B 6/42 |
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| (32) 28.04.2010 | H05K 1/03 | Ltd. |
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| (72) AUBRY, Yves | SAITO, Eiichiro | AMPLIFICATION |
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| (21) EP21172959.5 | (11) EP3490347 | (47) 25.10.2023 |
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| (73) Epinovatech AB | (54) VENT/DRAIN COVERS, VENTED/ | (54) MACHINE CABINET |
| (72) OLSSON, Martin | DRAINED ENCLOSURES, AND | (73) Huawei Digital Power Technologies Co., |
| NORELIUS, Andreas | METHODS OF PROTECTING VENT/ | Ltd. |
| (51) H05K 3/00 | DRAIN FEATURES IN ELECTRONIC | (72) LIAN, Zhisheng |
| H05K 7/14 | ASSEMBLIES | CHEN, Jun |
| (11) EP3262905 | (73) Hamilton Sundstrand Corporation | LI, Quanming |
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| (22) 18.12.2015 | (33) United States of America | (51) H05K 7/20 |
| (54) METHOD OF CALIBRATING A | (51) H05K 5/02 | G11B 33/14 |
| DISPENSER | H05K 7/14 | (11) EP3817531 |
| (73) Illinois Tool Works Inc. | (11) EP3858119 | (21) EP20203698.4 |
| (72) REID, Scott A. | (21) EP19783590.3 | (47) 25.10.2023 |
| KARLINSKI, Thomas J. | (47) 25.10.2023 | (22) 23.10.2020 |
| BLOOM, Jonathan Joel | (87) FR2019052040 | (54) SERVER SYSTEM |
| PRENTICE, Thomas C. | 02.04.2020 | (73) Chenbro Micom Co., Ltd. |
| (31) 201514630366 | (22) 04.09.2019 | (72) WANG, Chien-Wen |
| (32) 24.02.2015 | (54) ASSEMBLY COMPRISING AN | CHIEN, Han-Chung |
| (33) United States of America | ELECTRICAL SUPPLY MODULE AND | LIN, Sheng-Chan |
| (51) H05K 3/40 | A PROTECTION DEVICE FOR SAID | WANG, Pao-Lung |
| G06K 19/077 | MODULE, AIR CONDITIONING UNIT | CHIANG, Tsung-Hsun |
| | EQUIPPED WITH SUCH AN ASSEMBLY | HSU, Hao-Hsiang |

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| (32) 28.10.2019 | (72) YANG, Yixing | (47) 25.10.2023 |
| (33) United States of America | LIU, Zheng | (87) EP2020076308 |
| (51) H05K 13/00 | QIAN, Lei | 01.04.2021 |
| H05K 13/08 | (31) 201611262014 | (22) 21.09.2020 |
| (11) EP3474649 | (32) 30.12.2016 | (54) DISPLAY DEVICE HAVING |
| (21) EP16905505.0 | (33) China | INTEGRATED, OPTICALLY |
| (47) 25.10.2023 | (51) H10K 50/15 | OPERATING PROXIMITY SENSOR |
| (87) JP2016068083 | H10K 85/60 | SYSTEM |
| 21.12.2017 | H10K 85/10 | (73) Behr-Hella Thermocontrol GmbH |
| (22) 17.06.2016 | C08G 61/12 | (72) SANCHEZ CASTILLO, Alberto |
| (54) COMPONENT-MOUNTING DEVICE | H01B 1/12 | SCHWAB, Tobias |
| AND COMPONENT-MOUNTING | C09D 165/00 | HOFMAN, Willem |
| SYSTEM | (11) EP3559078 | WU, Jeah-Sheng |
| (73) Fuji Corporation | (21) EP17821585.1 | SCHMIDT, Rüdiger |
| (72) OIKE, Hiroshi | (47) 25.10.2023 | (31) 102019125671 |
| ESAKI, Hirotake | (87) EP2017083436 | (32) 24.09.2019 |
| SUGIYAMA, Kenji | 28.06.2018 | (33) Germany |
| (51) H05K 13/04 | (22) 19.12.2017 | (51) H10K 59/80 |
| H05K 13/08 | (54) MATERIALS FOR ELECTRONIC | H10K 102/00 |
| (11) EP2903406 | DEVICES | (11) EP3790067 |
| (21) EP12885322.3 | (73) Merck Patent GmbH | (21) EP20193983.2 |
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| (87) JP2012075241 | SCHEIBLE, Katja Maria | (22) 01.09.2020 |
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| (22) 28.09.2012 | HEIL, Holger | (73) Samsung Display Co., Ltd. |
| (54) SYSTEM FOR CORRECTING | (31) 16206079 | (72) Kim, Sunho |
| IMAGE PROCESSING DATA, AND | (32) 22.12.2016 | Lee, Sunhee |
| METHOD FOR CORRECTING IMAGE | (33) European Patent Office (EPO) | Kim, Gunhee |
| PROCESSING DATA | (51) H10K 59/12 | Kim, Hyun |
| (73) FUJI Corporation | H10K 71/00 | (31) 20190108931 |
| (72) ESAKI, Hirotake | H10K 50/844 | (32) 03.09.2019 |
| SANJI, Mitsuru | (11) EP3657565 | (33) Korea (Republic) |
| (51) H10B 63/00 | (21) EP19210914.8 | (51) H10K 85/60 |
| H10N 70/20 | (47) 25.10.2023 | C09K 11/06 |
| (11) EP3646394 | (22) 22.11.2019 | H10K 50/11 |
| (21) EP18823863.8 | (54) METHOD OF PEELING MOTHER | H10K 101/20 |
| (47) 25.10.2023 | PROTECTIVE FILM AND METHOD OF | (11) EP3767698 |
| (87) US2018036985 | MANUFACTURING ORGANIC LIGHT- | (21) EP19768462.4 |
| 03.01.2019 | EMITTING DISPLAY APPARATUS | (47) 25.10.2023 |
| (22) 12.06.2018 | USING THE SAME | (87) JP2019008273 |
| (54) MEMORY CELL ARRAY HAVING | (73) Samsung Display Co., Ltd. | 19.09.2019 |
| RESISTORS AND FORMATION OF THE | (72) JUNG, Jiwon | (22) 04.03.2019 |
| SAME | KIM, Youngji | (54) ORGANIC ELECTROLUMINESCENT |
| (73) Micron Technology, Inc. | UM, Yiseul | ELEMENT |
| (72) PELLIZZER, Fabio | LEE, Younghoon | (73) NIPPON STEEL Chemical & Material |
| REDAELLI, Andrea | (31) 20180145651 | Co., Ltd. |
| PIROVANO, Agostino | (32) 22.11.2018 | (72) SAGARA, Yuta |
| TORTORELLI, Innocenzo | (33) Korea (Republic) | TADA, Masashi |
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| (32) 26.06.2017 | G09G 3/20 | (32) 16.03.2018 |
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| (51) H10K 50/115 | (11) EP4044163 | (51) H10K 85/60 |
| C09K 11/88 | (21) EP20941212.1 | H10K 30/30 |
| C09K 11/56 | (47) 25.10.2023 | H10K 39/32 |
| C09K 11/02 | (87) CN2020096875 | (11) EP4024484 |
| B82Y 20/00 | 23.12.2021 | (21) EP22150131.5 |
| B82Y 30/00 | (22) 18.06.2020 | (47) 25.10.2023 |
| B82Y 40/00 | (54) DISPLAY PANEL AND DISPLAY | (22) 04.01.2022 |
| (11) EP3564340 | APPARATUS | (54) COMPOSITION FOR PHOTOELECTRIC |
| (21) EP17886459.1 | (73) BOE Technology Group Co., Ltd. | DEVICE, AND PHOTOELECTRIC |
| (47) 25.10.2023 | (72) WANG, Li | DEVICE, IMAGE SENSOR, AND |
| (87) CN2017080619 | WANG, Bo | ELECTRONIC DEVICE INCLUDING |
| 05.07.2018 | WANG, Jingquan | THE SAME |
| (22) 14.04.2017 | (51) H10K 59/60 | (73) Samsung Electronics Co., Ltd. |
| (54) QUANTUM DOT MATERIAL, | G06F 3/041 | (72) LIM, Youn Hee |
| PREPARATION METHOD THEREFOR, | G06F 3/042 | PARK, Jeong Il |
| AND SEMICONDUCTOR DEVICE | (11) EP4034975 | KIM, Hyeongju |

PARK, Kyung Bae
FANG, Feifei
YUN, Sung Young
LIM, Seon-Jeong
CHOI, Taejin

(31) 20210000470

(32) 04.01.2021

(33) Korea (Republic)

(51) H10N 60/01

H10N 60/10

G06N 10/00

(11) EP4006997

(21) EP21209987.3

(47) 25.10.2023

(22) 23.11.2021

(54) METHOD FOR MANUFACTURING A
QUANTUM DEVICE

(73) Commissariat à l'Energie Atomique et
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(32) 27.11.2020

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(54) FABRICATION METHOD

(73) Microsoft Technology Licensing LLC

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EP3

Voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 (1, 6) van de Octrooiwet 1995.

Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

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| (22) 08.03.2022 | AND METHOD | (74) ir. W.J.J.M. Kempes |
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| (72) Kachouh, Checrallah | (47) 19.07.2023 | (51) E21B 43/00 |
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| AND HEATING DEVICE COMPRISING | F26B 23/02 | G01S 5/02 |
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| (51) G02B 27/01 | PATTERSON, Roy Matthew | CARRETTE, Pierre Christian Marie |
| (11) EP3717955 | SINGH, Vikramjit | WILLIAMSON, John Martin |
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| (54) HEAD-UP-DISPLAY-SYSTEM | (32) 26.10.2017 | (32) 05.06.2015 |
| (73) Continental Automotive Technologies GmbH | (33) United States of America | (33) United States of America |
| (72) SCHAPER, Thomas | (47) 20.09.2023 | (47) 27.09.2023 |
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| VETSCH, Eugen | G03B 15/05 | (11) EP3479180 |
| (74) ir. W.J.J.M. Kempes | (11) EP3803507 | (21) EP17734243.3 |
| (31) 102017221531 | (21) EP19745786.4 | (22) 20.06.2017 |
| (32) 30.11.2017 | (22) 03.06.2019 | |
| (33) Germany | (54) LED DRIVER AND METHOD OF OPERATING A CAMERA | |
| (47) 26.07.2023 | (73) eldoLAB Holding B.V. | |
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| F21V 8/00 | (74) ir. J.C. Volmer c.s. | |

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| G06N 3/084 | | United States of America |
| G06N 3/044 | | United States of America |
| G06N 3/045 | (73) NetApp, Inc. | (47) 04.10.2023 |
| (11) EP3859508 | (72) Yelheri, Sharankumar | (51) G06F 21/10 |
| (21) EP21151029.2 | Pandit, Atul Ramesh | G06F 21/44 |
| (22) 11.01.2021 | George, Tijin | G06F 21/57 |
| (54) STORAGE CONTROLLERS AND STORAGE SYSTEMS | Srinivasan, Kiran Nenmeli | H04L 41/5061 |
| (73) Samsung Electronics Co., Ltd. | Prem, Jeffrey David | H04L 67/00 |
| (72) SON, Hongrak | (74) dr. R.C. van Duijvenbode c.s. | G06Q 30/04 |
| JANG, Jaehun | (31) 202117242448 | H04L 67/565 |
| (74) ir. H.A. Witmans c.s. | 202117242429 | (11) EP3704834 |
| (31) 20200006560 | 202117242399 | (21) EP18873780.3 |
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| (33) Korea (Republic) | 202117242356 | (54) INTEGRATING CLOUD APPLICATIONS INTO A CLOUD SERVICE BROKER PLATFORM USING AN AUTOMATED, UNIVERSAL CONNECTOR PACKAGE |
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| (51) G06F 3/16 | (32) 28.04.2021 | (72) KHAEROV, Aleksandr |
| G06F 40/35 | 28.04.2021 | FONTANOV, Dmitrii |
| G06F 40/205 | 28.04.2021 | GIDDENS, Taylor, Michael |
| (11) EP3612926 | 28.04.2021 | KUZKIN, Maxim |
| (21) EP18803835.0 | 04.11.2020 | WIPPICH, David |
| (22) 29.10.2018 | (33) United States of America | (74) ir. H.A. Witmans c.s. |
| (54) PARSING ELECTRONIC CONVERSATIONS FOR PRESENTATION IN AN ALTERNATIVE INTERFACE | United States of America | (31) 201762578992 P |
| (73) Google LLC | United States of America | (32) 30.10.2017 |
| (72) MAILEY, Stephen | United States of America | (33) United States of America |
| (74) ir. H.Th. van den Heuvel c.s. | United States of America | (47) 19.07.2023 |
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| G09C 1/00 | G05B 19/042 | (54) METHODS AND SYSTEMS FOR UTILIZING INFORMATION COLLECTED FROM MULTIPLE SENSORS TO PROTECT A VEHICLE FROM MALWARE AND ATTACKS |
| H04L 9/00 | G06F 3/06 | (73) Qualcomm Incorporated |
| (11) EP3391196 | (11) EP3411797 | (72) AHMADZADEH, Seyed Ali |
| (21) EP16876290.4 | (21) EP17747906.0 | GUPTA, Rajarshi |
| (22) 15.11.2016 | (22) 17.01.2017 | KRISHNAMURTHI, Govindarajan |
| (54) INSTRUCTION AND LOGIC FOR SECURE INSTRUCTION EXECUTION PIPELINE | (54) RELAY MECHANISM TO FACILITATE PROCESSOR COMMUNICATION WITH INACCESSIBLE INPUT/OUTPUT (I/O) DEVICE | DAS, Saumitra Mohan |
| (73) Intel Corporation | (73) Honeywell International Inc. | (74) dr. R.C. van Duijvenbode c.s. |
| (72) DESAI, Imran | (72) RACHLIN, Elliott | (31) 201615081450 |
| OULD-AHMED-VALL, Elmoustapha | KRISHNAMURTHY, | (32) 25.03.2016 |
| (74) ir. W.J.J.M. Kempes | Ananthapadmanabha | (33) United States of America |
| (31) 201514974758 | KIRK, David L. | (47) 20.09.2023 |
| (32) 18.12.2015 | (74) ir. W.J.J.M. Kempes | (51) G06F 21/56 |
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| (54) SYSTEM AND METHOD FOR BACKUP SCHEDULING | (11) EP3567487 | LIU, Xiaoxian |
| (73) Huawei Technologies Co., Ltd. | (21) EP19156431.9 | QIU, Feng |
| (72) YEGER, Asaf | (22) 14.07.2014 | (74) dr. R.C. van Duijvenbode c.s. |
| KUVENT, Aviv | (54) TAILORED MESSAGING | (31) 201511001279 |
| (74) ir. W.J.J.M. Kempes | (73) Trading Technologies International, Inc. | (32) 28.12.2015 |
| (47) 04.10.2023 | (72) BROOKFIELD, Bevan Jacob | (33) China |
| (51) G06F 11/14 | (74) ir. W.J.J.M. Kempes | (47) 16.08.2023 |
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(11) EP3937419
(21) EP21181760.6
(22) 25.06.2021
(54) ELECTRONIC DEVICE USING
HOMOMORPHIC ENCRYPTION AND
ENCRYPTED DATA PROCESSING
METHOD THEREOF
(73) Samsung Electronics Co., Ltd.
(72) KIM, Jiyoup
CHOI, Myunghoon
JUNG, Ju-Young
YOON, Pilsang
SEOL, Changkyu
LIM, Jinsoo
(74) ir. H.A. Witmans c.s.
(31) 20200083213
202117347055
(32) 07.07.2020
14.06.2021
(33) Korea (Republic)
United States of America
(47) 19.07.2023
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- (51) G06F 21/60
(11) EP4026291
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(22) 17.06.2020
(54) CONTROL OF THE DELEGATED USE
OF DID-RELATED DATA
(73) Microsoft Technology Licensing, LLC
(72) PATEL, Ankur
MURDOCH, Brandon
(74) dr. R.C. van Duijvenbode c.s.
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(32) 05.09.2019
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(11) EP4111345
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(54) VERIFIABLE CREDENTIAL WITH
DYNAMIC CLAIM
(73) Microsoft Technology Licensing, LLC
(72) MURDOCH, Brandon
PATEL, Ankur
GANESH, Nithya
BJONES, Ronald John Kamiel
Eurphrasia
(74) J.M.H. Duyver lic.
(31) 101756
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APPARATUS AND INTERFERENCE
SUPPRESSION SYSTEM
(73) DENSO WAVE INCORPORATED
(72) MUTO, Eiji
ENOMOTO, Kohei
MASUDA, Yusuke
(74) dr. R.C. van Duijvenbode c.s.
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(54) IDENTIFICATION DEVICE
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(73) Idemia Identity & Security France
(72) MERCIER, Laurent
KERAUTRET, Laurent
HEURTIER, Olivier
(74) ir. W.J.J.M. Kempes
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(54) AUGMENTING NEURAL NETWORKS
WITH EXTERNAL MEMORY
(73) Deepmind Technologies Limited
(72) REYNOLDS, Malcolm Kevin Campbell
HARLEY, Timothy James Alexander
DANIHELKA, Ivo
WAYNE, Gregory Duncan
GRAVES, Alexander Benjamin
(74) ir. H.A. Witmans c.s.
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MEMORY ELEMENTS
(73) International Business Machines
Corporation
(72) SAWADA, Jun
MODHA, Dharmendra
CASSIDY, Andrew, Stephen
ARTHUR, John, Vernon
NAYAK, Tapan
ORTEGA OTERO, Carlos
TABA, Brian, Seisho
AKOPYAN, Filip
DATTA, Pallab
(74) ir. A. Blokland c.s.
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(73) International Business Machines
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(72) ROSENBLATT, Sami
TOPALOGU, Rasit, Onur
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(73) Sony Group Corporation
(72) AMANO, Toru
TAKAHASHI, Teppei
ENOKIDO, Toshio
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(54) METHOD AND APPARATUS FOR
PERSON SUPER RESOLUTION FROM
LOW RESOLUTION IMAGE
(73) INTEL Corporation
(72) ASHKENAZI, Tzach
BORTMAN, Maria
MISHAEV, Roland
SHPALENSKY, Yuri
(74) ir. W.J.J.M. Kempes
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IMAGES USING DARKNESS GAMMA
TRANSFER FUNCTION
(73) INTEL Corporation
(72) GRILIKHES, Dmitry
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| (51) G06T 7/12 | AND APPARATUS, AND COMPUTER | (74) ir. A.R. Aalbers |
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| G06V 10/56 | (73) Hangzhou Hikvision Digital Technology | (32) 29.03.2017 |
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| (72) GUO, Zhizhi | (51) G06V 40/16 | DECODING METHOD AND CODING |
| DONG, Chen | G06T 7/20 | AND DECODING APPARATUS |
| GAO, Wenmei | G06Q 50/22 | (73) Huawei Technologies Co., Ltd. |
| LU, Henghui | A61B 5/11 | (72) GIBBS, Jonathan Alastair |
| (74) ir. W.J.J.M. Kempes | A61B 5/00 | LI, Haiting |
| (47) 16.08.2023 | A61B 5/1171 | SHLOMOT, Eyal |
| (51) G06T 7/80 | A61B 5/0205 | (74) ir. W.J.J.M. Kempes |
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| (73) Magic Leap, Inc. | FORMS FOR THERAPY OF MENTAL | G10L 25/21 |
| (72) LEVINE, Evan Gregory | DISORDERS | (11) EP3848929 |
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| SHARMA, Divya | HABER, Nicholas, Joseph | A TIME-DOMAIN DECODER |
| SWAMINATHAN, Ashwin | WALL, Dennis, Paul | (73) VoiceAge EVS LLC |
| STRELOW, Dennis William | KLING, Aaron, Scott | (72) VAILLANCOURT, Tommy |
| HUANG, Lei | WINOGRAD, Terry, Allen | JELINEK, Milan |
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| PRINT MODELLING | (73) Carrier Corporation | H01L 25/065 |
| (73) Sony Interactive Entertainment Inc. | (72) NALLAPERUMAL, Pirammanayagam | G11C 7/04 |
| (72) BIGOS, Andrew James | UMMADISINGHU, Vijayakumar | H05K 7/20 |
| (74) ir. W.J.J.M. Kempes | RAMOUTAR, Michael | (11) EP3815136 |
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| (33) United Kingdom | (32) 25.10.2018 | (54) DEVICE AND METHOD FOR DIRECT |
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| (00) 21.06.2023 | (00) 21.06.2023 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP4050324 | (11) EP4117300 |
| (00) 21.06.2023 | (00) 21.06.2023 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP4050780 | (11) EP4122364 |
| (00) 21.06.2023 | (00) 21.06.2023 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP4052124 | (11) EP4127366 |
| (00) 21.06.2023 | (00) 21.06.2023 |
| (00) EPV Ceased Effect | (00) EPV Ceased Effect |
| (11) EP4053860 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4054824 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4056835 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4056885 | |
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| (11) EP4059694 | |
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| (00) EPV Ceased Effect | |
| (11) EP4061069 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4063261 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4063880 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4069898 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4076151 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4078078 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4080527 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4080836 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4084228 | |
| (00) 21.06.2023 | |
| (00) EPV Ceased Effect | |
| (11) EP4085225 | |
| (00) 21.06.2023 | |

VRB

**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

(11) 2034193
(48) 25.10.2023
(00) Missing document
(51) C03C 25/1065
 C09D 4/06
 C03C 25/285
 G02B 6/02

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

| | | |
|-------------------------------|-----------------------------------|---------------------------------------|
| (71) H.H. Martens & Zoon B.V. | (73) Proterial, Ltd. | B25J 13/08 |
| (73) H.H. Martens & Zoon B.V. | (11) EP1993112 | B25J 19/02 |
| (11) 2014566 | (00) 03.10.2023 | B65F 5/00 |
| (00) 06.10.2023 | (51) B22F 3/24 | B65G 47/90 |
| (51) E02B 3/14 | C22C 38/00 | G21C 19/32 |
| E01C 19/52 | H01F 1/053 | (00) Assignment |
| E02B 3/12 | H01F 1/08 | (71) GRODAT LLC |
| E02D 19/00 | H01F 41/02 | (73) GRODAT LLC |
| (00) Assignment | (00) Change of owner(s) name | (11) EP2392515 |
| (71) H.H. Martens & Zoon B.V. | (71) Proterial, Ltd. | (00) 12.10.2023 |
| (73) H.H. Martens & Zoon B.V. | (73) Proterial, Ltd. | (51) A24F 17/00 |
| (11) 2004345 | (11) EP2077567 | B65B 11/22 |
| (00) 06.10.2023 | (00) 03.10.2023 | B65D 75/66 |
| (51) E01F 8/00 | (51) C22C 38/00 | B65D 83/08 |
| E02B 3/14 | H01F 1/053 | (00) Assignment |
| (00) Assignment | H01F 1/057 | (71) Proterial, Ltd. |
| (71) H.H. Martens & Zoon B.V. | H01F 1/08 | (73) Proterial, Ltd. |
| (73) H.H. Martens & Zoon B.V. | (00) Change of owner(s) name | (11) EP2538418 |
| (11) 2014571 | (71) Proterial, Ltd. | (00) 03.10.2023 |
| (00) 06.10.2023 | (73) Proterial, Ltd. | (51) C01G 49/00 |
| (51) E02B 3/14 | (11) EP2169689 | C04B 35/40 |
| E01C 5/00 | (00) 03.10.2023 | H01F 1/11 |
| E02B 3/12 | (51) B22F 3/24 | H01F 41/02 |
| E02D 29/00 | C22C 38/00 | (00) Change of owner(s) name |
| (00) Assignment | H01F 1/053 | (71) UCB Biopharma SRL |
| (71) Proterial, Ltd. | H01F 1/08 | (73) UCB Biopharma SPRL |
| (73) Proterial, Ltd. | H01F 41/02 | UCB Biopharma SRL |
| (11) EP1808422 | (00) Change of owner(s) name | (11) 300815 |
| (00) 03.10.2023 | (71) Amunix Pharmaceuticals, Inc. | (00) 12.10.2023 |
| (51) C04B 35/26 | (73) Amunix Pharmaceuticals, Inc. | (00) Change of Legal Entity |
| H01F 1/11 | (11) EP1996220 | (71) Proterial, Ltd. |
| (00) Change of owner(s) name | (00) 10.10.2023 | (73) Proterial, Ltd. |
| (71) Proterial, Ltd. | (51) A61K 38/16 | (11) EP2178096 |
| (73) Proterial, Ltd. | C12N 15/10 | (00) 03.10.2023 |
| (11) EP1662516 | (00) Change of owner(s) name | (51) B22F 3/24 |
| (00) 03.10.2023 | (71) Proterial, Ltd. | C21D 6/00 |
| (51) C22C 38/00 | (73) Proterial, Ltd. | C22C 38/00 |
| H01F 1/04 | (11) EP2184747 | H01F 1/053 |
| H01F 1/057 | (00) 03.10.2023 | H01F 1/08 |
| H01F 1/058 | (51) B22F 3/00 | (00) Change of owner(s) name |
| H01F 1/08 | B22F 3/24 | (71) Landqart AG |
| (00) Change of owner(s) name | C22C 38/00 | (73) Landqart AG |
| (71) Proterial, Ltd. | H01F 1/053 | (11) EP2855772 |
| (73) Proterial, Ltd. | H01F 1/08 | (00) 06.10.2023 |
| (11) EP1953123 | (00) Change of owner(s) name | (51) D21H 17/25 |
| (00) 03.10.2023 | (71) Proterial, Ltd. | D21H 19/34 |
| (51) C04B 35/26 | (73) Proterial, Ltd. | D21H 21/16 |
| C04B 35/40 | (11) EP2244269 | D21H 21/18 |
| H01F 1/11 | (00) 03.10.2023 | D21H 27/00 |
| (00) Change of owner(s) name | (51) C01G 49/00 | (00) Assignment |
| (71) Proterial, Ltd. | H01F 1/11 | (71) Peloton Interactive Taiwan, Inc. |
| (73) Proterial, Ltd. | H01F 1/113 | (73) Peloton Interactive Taiwan, Inc. |
| (11) EP1981043 | H01F 41/02 | (11) EP2682163 |
| (00) 03.10.2023 | (00) Change of owner(s) name | (00) 11.10.2023 |
| (51) B22F 3/24 | (71) MP ZenRobotics Oy | (51) A63B 21/00 |
| H01F 1/053 | (73) MP ZenRobotics Oy | A63B 21/015 |
| H01F 1/08 | (11) EP2585256 | A63B 21/22 |
| H01F 41/02 | (00) 06.10.2023 | A63B 22/06 |
| (00) Change of owner(s) name | (51) B07C 5/36 | G01L 3/14 |
| (71) Proterial, Ltd. | B25J 9/10 | (00) Assignment |
| | B25J 9/16 | (71) Shandon Diagnostics Limited |

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|---|---|---|
| (73) Shandon Diagnostics Limited | (00) 06.10.2023 | (73) Lightpoint Surgical LTD |
| (11) EP2030063 | (51) B25J 9/16 | (11) EP2879566 |
| (00) 06.10.2023 | G06K 9/78 | (00) 09.10.2023 |
| (51) B41J 2/22 | G06T 7/11 | (51) A61B 5/00 |
| G01N 35/00 | G06T 7/174 | G01N 21/64 |
| G02B 21/34 | G06T 7/194 | G01T 1/22 |
| B01L 99/00 | (00) Assignment | G01N 23/04 |
| (00) Assignment | (71) Takeda Pharmaceutical Company Limited | G01N 23/046 |
| (71) MP ZenRobotics Oy | (73) Takeda Pharmaceutical Company Limited | (00) Assignment |
| (73) MP ZenRobotics Oy | (11) 300986 | (71) Dale Brubacher-Cressman |
| (11) EP2658691 | (00) 10.10.2023 | (73) Dale Brubacher-Cressman |
| (00) 06.10.2023 | (00) Assignment | (11) EP3233618 |
| (51) G06T 7/70 | (71) Hudson Delta B.V. | (00) 06.10.2023 |
| (00) Assignment | (73) Hudson Delta B.V. | (51) B62M 17/00 |
| (71) Alois Data GmbH | (11) 2022360 | B62M 6/50 |
| (73) Alois Data GmbH | (00) 06.10.2023 | B62M 6/60 |
| (11) EP2675555 | (51) E02F 3/36 | B62M 6/65 |
| (00) 11.10.2023 | E02F 3/43 | B62M 6/70 |
| (51) B01F 7/00 | (00) Assignment | B62K 5/027 |
| B01F 7/28 | (71) HYDRO ALUMINIUM RECYCLING DEUTSCHLAND GMBH | (00) Assignment |
| B01F 11/02 | Austin AI, Inc. | (71) BouMatic Technology B.V. |
| B01F 13/08 | (73) HYDRO ALUMINIUM RECYCLING DEUTSCHLAND GMBH | (73) BouMatic Technology B.V. |
| B01F 15/00 | Austin AI, Inc. | (11) 2025365 |
| C07K 14/47 | (11) EP3352919 | (00) 06.10.2023 |
| (00) Assignment | (00) 11.10.2023 | (51) A01J 5/017 |
| (71) MP ZenRobotics Oy | (51) B07C 5/344 | A01K 1/12 |
| (73) MP ZenRobotics Oy | B07C 5/36 | (00) Assignment |
| (11) EP2758216 | (00) Assignment | (71) H.H. Martens & Zoon B.V. |
| (00) 06.10.2023 | (71) Sprout IP ApS | (73) H.H. Martens & Zoon B.V. |
| (51) B25J 19/00 | (73) Sprout IP ApS | (11) EP3277889 |
| (00) Assignment | (11) EP2885136 | (00) 06.10.2023 |
| (71) Agri Company 251021 B.V. | (00) 09.10.2023 | (51) E01C 5/00 |
| (73) BouMatic Technology B.V. | (51) A01C 1/04 | E01C 19/52 |
| (11) 2021181 | B43K 15/00 | E02B 3/12 |
| (00) 06.10.2023 | B43K 19/02 | E02B 3/14 |
| (51) A01J 5/04 | B43K 19/16 | E02D 29/00 |
| A01J 5/08 | B43K 29/00 | (00) Assignment |
| (00) Change of owner(s) name | B43K 29/02 | (71) H.H. Martens & Zoon B.V. |
| (71) BouMatic Technology B.V. | B43K 29/20 | (73) H.H. Martens & Zoon B.V. |
| (73) BouMatic Technology B.V. | A01G 9/00 | (11) EP3277888 |
| (11) 2021181 | A01G 9/02 | (00) 06.10.2023 |
| (00) 06.10.2023 | (00) Assignment | (51) E01C 19/52 |
| (51) A01J 5/04 | (71) Panasonic Holdings Corporation | E02B 3/12 |
| A01J 5/08 | (73) Panasonic Holdings Corporation | E02B 3/14 |
| (00) Assignment | (11) EP2916318 | E02D 19/00 |
| (71) Stichting de Riethorst Stromenland | (00) 09.10.2023 | (00) Assignment |
| (73) Stichting Mijzo | (51) G10L 19/002 | (71) INSERM (Institut National de la Santé et de la Recherche Médicale) |
| (11) 1043135 | G10L 19/02 | SORBONNE UNIVERSITE |
| (00) 11.10.2023 | G10L 19/032 | UNIVERSITE DE PARIS |
| (51) A63F 1/02 | G10L 19/24 | Assistance Publique - Hôpitaux de Paris |
| (00) Merge | G10L 21/038 | (73) Assistance Publique - Hôpitaux de Paris |
| (71) Stichting Mijzo | (00) Assignment | INSERM (Institut National de la Santé et de la Recherche Médicale) |
| (73) Stichting Mijzo | (71) SYMPHONY HOLDINGS LTD | SORBONNE UNIVERSITE |
| (11) 1043135 | (73) SYMPHONY HOLDINGS LTD | Université Paris Cité |
| (00) 11.10.2023 | (11) EP2193728 | (11) EP3455631 |
| (51) A63F 1/02 | (00) 11.10.2023 | (00) 09.10.2023 |
| (00) Change of owner(s) name | (51) A41D 13/00 | (51) G01N 33/574 |
| (71) ECOsubsea AS | A41D 13/05 | G16H 50/30 |
| (73) ECOsubsea AS | A41D 27/00 | (00) Merge |
| (11) EP2285503 | A41D 27/24 | (71) Assistance Publique - Hôpitaux de Paris |
| (00) 06.10.2023 | A41D 1/08 | INSERM (Institut National de la Santé et de la Recherche Médicale) |
| (51) B08B 3/02 | (00) Assignment | SORBONNE UNIVERSITE |
| B63B 59/00 | (71) Lightpoint Surgical LTD | Université Paris Cité |
| (00) Assignment | | (73) Assistance Publique - Hôpitaux de Paris |
| (71) MP ZenRobotics Oy | | |
| (73) MP ZenRobotics Oy | | |
| (11) EP2629939 | | |

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|--|--|--------------------------------------|
| INSERM (Institut National de la Santé et de la Recherche Médicale) | (71) Thermo King LLC | (00) Assignment |
| SORBONNE UNIVERSITE | (73) Thermo King LLC | (71) Aspen Paradigm Holding LLC |
| Université Paris Cité | (11) EP3460975 | (73) Aspen Paradigm Holding LLC |
| (11) EP3455631 | (00) 10.10.2023 | (11) EP3851881 |
| (00) 09.10.2023 | (51) H02M 3/158 | (00) 10.10.2023 |
| (51) G01N 33/574 | H02M 3/335 | (51) G01V 1/30 |
| G16H 50/30 | H02M 7/48 | (00) Change of owner(s) name |
| (00) Change of owner(s) name | H02M 1/00 | (71) Discovery Purchaser Corporation |
| (71) Markovits Rojas, Alejandro | (00) Assignment | (73) Discovery Purchaser Corporation |
| Härtig Eckman, Steven Lee | (71) Landqart AG | (11) EP3794182 |
| (73) Markovits Rojas, Alejandro | (73) Landqart AG | (00) 11.10.2023 |
| Härtig Eckman, Steven Lee | (11) EP3399096 | (51) E01H 11/00 |
| (11) EP3666867 | (00) 06.10.2023 | A01M 21/04 |
| (00) 06.10.2023 | (51) D21F 1/44 | (00) Assignment |
| (51) A61K 31/56 | (00) Assignment | |
| (00) Assignment | (71) Strix (China) Limited | |
| (71) FLOKK SPÓLKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ | (73) Strix (China) Limited | |
| ODPOWIEDZIALNOŚCIĄ | (11) EP3945953 | |
| (73) FLOKK SPÓLKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ | (00) 09.10.2023 | |
| ODPOWIEDZIALNOŚCIĄ | (51) A47J 27/21 | |
| (11) EP3653082 | A47J 31/40 | |
| (00) 06.10.2023 | (00) Assignment | |
| (51) A47C 1/022 | (71) Universite de Limoges | |
| A47C 1/032 | (73) Universite de Limoges | |
| A47C 7/14 | (11) EP3525593 | |
| (00) Change of owner(s) name | (00) 09.10.2023 | |
| (71) BouMatic Technology B.V. | (51) A01N 65/00 | |
| (73) BouMatic Technology B.V. | A01P 21/00 | |
| (11) 2028641 | (00) Assignment | |
| (00) 06.10.2023 | (71) Lightpoint Surgical LTD | |
| (51) A01J 5/017 | (73) Lightpoint Surgical LTD | |
| A01K 1/12 | (11) EP3716852 | |
| (00) Assignment | (00) 09.10.2023 | |
| (71) FLC TECHNOLOGIES, S.L. | (51) A61B 6/00 | |
| (73) PRODUCTOS CITROSOL, S.A. | H01L 27/146 | |
| (11) EP3146839 | G01T 1/29 | |
| (00) 10.10.2023 | (00) Assignment | |
| (51) A01M 13/00 | (71) Landqart AG | |
| A01N 25/18 | (73) Landqart AG | |
| C06D 3/00 | (11) EP3218546 | |
| (00) Assignment | (00) 06.10.2023 | |
| (71) PRODUCTOS CITROSOL, S.A. | (51) D21F 1/44 | |
| (73) PRODUCTOS CITROSOL, S.A. | (00) Assignment | |
| (11) EP3146839 | (71) The Whitehead Institute for Biomedical Research | |
| (00) 10.10.2023 | (73) The Whitehead Institute for Biomedical Research | |
| (51) A01M 13/00 | (11) EP3359573 | |
| A01N 25/18 | (00) 10.10.2023 | |
| C06D 3/00 | (51) A61K 51/10 | |
| (00) Assignment | C07K 16/28 | |
| (71) Alexander van Tongeren | C07K 16/46 | |
| (73) Alexander van Tongeren | G01N 33/58 | |
| (11) 2028892 | C07K 16/24 | |
| (00) 12.10.2023 | C12P 21/00 | |
| (51) H01R 25/14 | A61K 39/00 | |
| (00) Assignment | A61P 35/00 | |
| (71) OMNIA EUROPE S.A. | (00) Assignment | |
| (73) OMNIA EUROPE S.A. | (71) Lightpoint Surgical LTD | |
| (11) EP3632937 | (73) Lightpoint Surgical LTD | |
| (00) 10.10.2023 | (11) EP3826546 | |
| (51) C08F 118/08 | (00) 09.10.2023 | |
| C08J 3/24 | (51) A61B 17/00 | |
| C08F 261/04 | A61B 90/00 | |
| C08L 31/04 | A61B 17/29 | |
| C08L 29/04 | A61B 8/00 | |
| C08F 8/12 | A61B 6/00 | |
| (00) Assignment | | |

TVH

**Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.**

UP1

**Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.
Contains data concerning European patents with registered Unitary Effect.**

| | | |
|----------------|----------------|----------------|
| (11) EP3662891 | (11) EP3840442 | (11) EP3293736 |
| (11) EP3801800 | (11) EP3527913 | (11) EP3478984 |
| (11) EP3579693 | (11) EP3684704 | (11) EP3274563 |
| (11) EP3957155 | (11) EP3566631 | (11) EP3426262 |
| (11) EP3397339 | (11) EP3741621 | (11) EP3252513 |
| (11) EP3419627 | (11) EP3747415 | (11) EP3482385 |
| (11) EP3728632 | (11) EP3726932 | (11) EP3448243 |
| (11) EP3495001 | (11) EP3647239 | (11) EP3457575 |
| (11) EP3647745 | (11) EP3709111 | (11) EP3405561 |
| (11) EP3837109 | (11) EP3626138 | (11) EP3720533 |
| (11) EP3847480 | (11) EP3941636 | (11) EP3462984 |
| (11) EP3930829 | (11) EP3762621 | (11) EP3537545 |
| (11) EP3809372 | (11) EP3759483 | (11) EP3875831 |
| (11) EP3755993 | (11) EP3749508 | (11) EP3431015 |
| (11) EP3640431 | (11) EP3936715 | (11) EP3632489 |
| (11) EP3970270 | (11) EP3762258 | (11) EP3612228 |
| (11) EP3625579 | (11) EP3743671 | (11) EP3559896 |
| (11) EP3595441 | (11) EP2880586 | (11) EP3627087 |
| (11) EP3568101 | (11) EP3817833 | (11) EP3354597 |
| (11) EP3990207 | (11) EP3811056 | (11) EP3481058 |
| (11) EP3998843 | (11) EP3721736 | (11) EP3662366 |
| (11) EP3613890 | (11) EP3858448 | (11) EP3616391 |
| (11) EP3931348 | (11) EP3744886 | (11) EP3709968 |
| (11) EP2389221 | (11) EP3419293 | (11) EP3581001 |
| (11) EP2772207 | (11) EP3763188 | (11) EP2640256 |
| (11) EP3119292 | (11) EP3927475 | (11) EP2858617 |
| (11) EP4041093 | (11) EP3939184 | (11) EP3601786 |
| (11) EP3117254 | (11) EP3862523 | (11) EP3709969 |
| (11) EP3190899 | (11) EP3732826 | (11) EP3052980 |
| (11) EP1903531 | (11) EP3878688 | (11) EP3056144 |
| (11) EP3277342 | (11) EP3972735 | (11) EP3178653 |
| (11) EP3297724 | (11) EP3730840 | (11) EP3645502 |
| (11) EP3113038 | (11) EP3921220 | (11) EP3334996 |
| (11) EP3254103 | (11) EP3897836 | (11) EP3377474 |
| (11) EP3362035 | (11) EP4084639 | (11) EP3655341 |
| (11) EP3319417 | (11) EP2587968 | (11) EP3445588 |
| (11) EP3403608 | (11) EP2895999 | (11) EP3721656 |
| (11) EP3312214 | (11) EP3915827 | (11) EP3557935 |
| (11) EP3518735 | (11) EP3890811 | (11) EP3449239 |
| (11) EP3488425 | (11) EP3912528 | (11) EP3636058 |
| (11) EP3472337 | (11) EP3943856 | (11) EP3458011 |
| (11) EP3630699 | (11) EP3836675 | (11) EP3466435 |
| (11) EP3519550 | (11) EP3943858 | (11) EP3728612 |
| (11) EP3752260 | (11) EP3912532 | (11) EP3631571 |
| (11) EP3363351 | (11) EP3125686 | (11) EP3463549 |
| (11) EP3568857 | (11) EP3152453 | (11) EP3513110 |
| (11) EP3600074 | (11) EP3974544 | (11) EP3548325 |
| (11) EP3814623 | (11) EP3960133 | (11) EP3483136 |
| (11) EP3704228 | (11) EP4100411 | (11) EP3643214 |
| (11) EP3714172 | (11) EP3154657 | (11) EP3495316 |
| (11) EP3730130 | (11) EP3192448 | (11) EP3583420 |
| (11) EP3609312 | (11) EP3202418 | (11) EP3583870 |
| (11) EP3700546 | (11) EP4021589 | (11) EP3839754 |
| (11) EP3617893 | (11) EP2864436 | (11) EP3655082 |
| (11) EP3652732 | (11) EP3301597 | (11) EP3676689 |
| | (11) EP3312073 | (11) EP3883427 |

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| (11) EP3888241 | (11) EP3911501 | (11) EP3600883 |
| (11) EP3593079 | (11) EP3969854 | (11) EP3501497 |
| (11) EP3593153 | (11) EP3987619 | (11) EP3580399 |
| (11) EP3645511 | (11) EP4055856 | (11) EP3758568 |
| (11) EP3811724 | (11) EP4009981 | (11) EP3592653 |
| (11) EP3732823 | (11) EP3566543 | (11) EP3986567 |
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UP2

Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with registered request ex article 52a (restoration of validation right).

UP3

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.

Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.

UP4

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.

Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.

UP5

Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).

UP6

Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).