



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](http://www.rvo.nl/octrooien). Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

### Abonnementsprijzen per (kalender)jaar:

Hoofdblad en Bijblad: verschijnt gratis in elektronische vorm op de website van Octrooicentrum Nederland.

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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](http://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.

### Subscription rates per calendar year:

Patent Bulletin and Official Journal: free of charge in electronic form on the website of the Netherlands Patent Office.

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<b>Rubriek NP1</b> Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	<b>8 Heading NP1</b> Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	<b>8</b>
<b>Rubriek NP2</b> Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	<b>17 Heading NP2</b> Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	<b>17</b>
<b>Rubriek NP3</b> Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	<b>27 Heading NP3</b> Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	<b>27</b>
<b>Rubriek EP1</b> Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	<b>28 Heading EP1</b> Contains data concerning translations of the conclusions of European patent applications.	<b>28</b>
<b>Rubriek EP2</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	<b>29 Heading EP2</b> Contains data concerning European patents granted for The Netherlands.	<b>29</b>
<b>Rubriek EP3</b> Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	<b>287Heading EP3</b> 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.	<b>287</b>
<b>Rubriek EP4</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	<b>331Heading EP4</b> Contains data concerning European patents granted in amended form for the Netherlands.	<b>331</b>
<b>Rubriek EP5</b> Bevat gegevens betreffende voor Nederland verleende gewijzigde	<b>333Heading EP5</b> Contains data concerning European patents granted in amended form for	<b>333</b>

Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
<b>Rubriek SPC</b> Bevat gegevens betreffende ingeschreven en verleende certificaten	<b>334Heading SPC</b> Contains data concerning applications for- or granted Supplementary Protection Certificates.	334
<b>Rubriek VB1</b> Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	<b>335Heading VB1</b> Contains data concerning requests and notices of opposition under the General administrative law.	335
<b>Rubriek VB2</b> Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.	<b>336Heading VB2</b> 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.	336
<b>Rubriek MED</b> Bevat gegevens betreffende overige mededelingen.	<b>337Heading MED</b> Contains data concerning other communications.	337
<b>Rubriek VRV</b> Bevat gegevens betreffende verval of nietigverklaring.	<b>338Heading VRV</b> Contains data concerning lapse or annulment.	338
<b>Rubriek VRB</b> Bevat gegevens betreffende verbeteringen op eerdere publicaties.	<b>360Heading VRB</b> Contains data concerning corrections on earlier publications.	360
<b>Rubriek CO</b> Bevat gegevens betreffende wijzigingen in het octrooiregister.	<b>361Heading CO</b> Contains data concerning changes in the Netherland patent register.	361
<b>Rubriek TVH</b> Bevat gegevens betreffende topografieën van halfgeleiderproducten.	<b>363Heading TVH</b> Contains data concerning depots of original topographies of semi-conductor products.	363

<b>Rubriek UP1</b> Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	<b>364Heading UP1</b> Contains data concerning European patents with registered Unitary Effect.	364
<b>Rubriek UP2</b> Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).	<b>368Heading UP2</b> Contains data concerning European patents with registered request ex article 52a (restoration of validation right).	368
<b>Rubriek UP3</b> Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.	<b>369Heading UP3</b> Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.	369
<b>Rubriek UP4</b> Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.	<b>370Heading UP4</b> Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.	370
<b>Rubriek UP5</b> Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).	<b>371Heading UP5</b> Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).	371
<b>Rubriek UP6</b> Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).	<b>372Heading UP6</b> Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).	372

## 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.
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- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

(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 octrooiën	(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) A01D 46/30 A01D 46/22 B65G 15/30 B65G 47/52	Lihua Fan Fumin Zhang Chengchun Lai (41) 08.08.2023	(72) Joost Arie de Jong (41) 08.08.2023
(21) 2030731 (22) 26.01.2022 (54) MULTI-FUNCTIONAL STRAWBERRY PICKING MACHINE (71) Anhui Science and Technology University (74) ir. M.B. Plaggenborg (72) Xiaoyu Zheng Tao Cheng Chenghao Li Zeze Cao Feng Chen Jiyu Zhong (41) 07.08.2023	(51) A01H 7/00 A01H 6/00 A01H 4/00 (21) 2030708 (22) 25.01.2022 (54) TISSUE CULTURE METHOD OF ANCIENT TREE (71) Research Institute of Forestry Chinese Academy of Forestry (74) ir. M.B. Plaggenborg (72) Xiulian Zhao Ermei Chang Zirui Jia Jianfeng Liu Zeping Jiang (41) 04.08.2023	(51) A23J 3/22 A23J 3/26 A23P 30/20 (21) 2030796 (22) 31.01.2022 (54) A new continuous high shear process (71) Dutch Structuring Technologies B.V. (74) dr. A. Ellens c.s. (72) Huibert Tournois Julian Wilhelmus Maria Lekner Gillis Anne-Maria Victor Lekner Wouter Bernardus Cornelius de Heij
(51) A01G 7/06 A01C 1/00 (21) 2030772 (22) 28.01.2022 (54) METHOD FOR PROMOTING GERMINATION OF SEED OF GENTIANACEAE AFTER STORAGE (71) Kunming Institute of Botany, Chinese Academy of Sciences (74) ir. M.B. Plaggenborg (72) Xiaojian Hu Juan Yang Cheng Liu Xiangyun Yang Meijuan Li Yongjie Guo Lan Yang (41) 08.08.2023	(51) A01K 5/00 A23N 17/02 (21) 2035423 (22) 19.07.2023 (54) FEED MIXING DEVICE (71) INNER MONGOLIA MINZU UNIVERSITY (74) ir. M.B. Plaggenborg (72) Manlin Wei (31) 2023107493333 (32) 25.06.2023 (33) China (51) A01K 31/00 A01K 45/00 A01K 1/00 A01K 29/00 H05B 47/125 (21) 2030751 (22) 27.01.2022 (54) Animal husbandry system (71) Lely Patent N.V. (74) ir. M.J.F.M. Corten (72) Martinus Cornelis Johannes Buijs Karel van den Berg Korstiaan Cornelis Blokland Paulus Jacobus Maria van Adrichem	(51) A23L 13/50 A23B 4/20 A23B 4/24 A23L 13/70 (21) 2030747 (22) 27.01.2022 (54) METHOD FOR IMPROVING MEAT PASTE QUALITY OF CAST LAYER (71) Shenyang Agricultural University (74) ir. W.J.J.M. Kempes (72) Xueyan Cao Yanwei Zhang Xiqing Yue Jinxuan Cao Mei Yang Jingxin Sun Chunqiang Li Junhua Shao Yidan Mu Xiaoying Guo Xin Meng (41) 07.08.2023
(51) A01G 9/24 (21) 2030686 (22) 25.01.2022 (54) PROCESS TO GROW PLANTS IN A GREENHOUSE (71) VAN DER HOEVEN HORTICULTURAL PROJECTS B.V. (74) ir. M. Cramwinckel (72) Gerardus Hugo Antonius van Bergenhengouwen (51) A01G 17/02 (21) 2030792 (22) 31.01.2022 (54) TWO-LEAF PINCHING METHOD FOR PROMOTING DIFFERENTIATION OF GRAPE FLOWER BUDS (71) Institute of Agricultural Engineering Technology, Fujian Academy of Agricultural Sciences (74) ir. M.B. Plaggenborg (72) Gongti Lai	(51) A01M 29/34 A01G 13/02 B65B 25/02 (21) 2030767 (22) 28.01.2022 (54) Handling device for making sleeve assemblies while making use of an automated opening/buffering/positioning station. (71) Joost Arie de Jong (74) ir. J.C. Volmer c.s.	(51) A23L 33/17 A61K 38/01 A61P 1/16 (21) 2030670 (22) 24.01.2022 (54) APPLICATION OF FISH SPAWN GLYCOPROTEIN IN LIVER PRODUCTION PRODUCTS (71) QINGDAO INSTITUTE OF MARINE BIORESOURCES FOR NUTRITION AND HEALTH INNOVATION SHANDONG ZIBO BASHAN WANJIE HOSPITAL OCEAN UNIVERSITY OF CHINA (74) ir. W.J.J.M. Kempes (72) Changhuo Xue Xia Yang Hao Yue Yingying Tian Jingfeng Wang (41) 04.08.2023



- (51) A47B 45/00  
A47B 37/04  
A47B 87/02  
A47B 47/03  
(21) 2030735  
(22) 27.01.2022  
(54) Outdoor kitchen, system and method  
(71) Piet-Jan van den Kommer Holding B.V.  
(74) ir. H.A. Witmans c.s.  
(72) Piet-Jan van den Kommer  
(41) 07.08.2023
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- (51) A47G 7/06  
B65D 85/50  
(21) 2030777  
(22) 28.01.2022  
(54) Foldable vase  
(71) Arena Online Ltd  
(74) dr. R.C. van Duijvenbode c.s.  
(72) Teye Leander Aalt Ubbens  
Casper van Alfen  
Paulus Nicolaas Kapteijn  
(41) 08.08.2023
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- (51) A61B 5/00  
(21) 2030687  
(22) 25.01.2022  
(54) ENDOSCOPIC PHOTOACOUSTIC  
TOMOGRAPHIC IMAGE  
RECONSTRUCTION METHOD AND  
SYSTEM  
(71) NORTH CHINA ELECTRIC POWER  
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(74) ir. W.J.J.M. Kempes  
(72) Huifeng Sun  
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(41) 04.08.2023
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- (51) A61H 1/02  
A61N 1/36  
A63B 23/20  
A61N 2/06  
(21) 2030727  
(22) 26.01.2022  
(54) VAGINAL PELVIC FLOOR MUSCLE  
EXERCISER  
(71) Ningbo College of Health Sciences  
(74) ir. M.B. Plaggenborg  
(72) Jianhong Ma  
Jing Yang  
Kena Weng  
Minhua Feng  
(41) 07.08.2023
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- (51) A61L 27/04  
A61L 27/36  
A61L 27/50  
(21) 2032483  
(22) 14.07.2022  
(54) PREPARATION METHOD FOR SWIM  
BLADDER-BASED MYOCARDIAL  
PATCH  
(71) ZJU-Hangzhou Global Scientific and  
Technological Innovation Center  
(74) ir. M.B. Plaggenborg  
(72) Wei Wang  
Jian Dai  
(41) 07.08.2023  
(31) 202210101495.1  
(32) 27.01.2022  
(33) China
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- (51) A61L 27/50  
A61L 27/46  
A61L 27/36  
(21) 2030793  
(22) 31.01.2022  
(54) Malleable bone repair material  
(71) Access2Bone IP B.V.  
(74) dr. R.C. van Duijvenbode c.s.  
(72) Arnoldus C.M. van de Mortel  
Michael Sickler  
Nienke de Roode-Beuling  
(41) 08.08.2023
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- (51) B01D 1/06  
B01D 1/30  
(21) 2030768  
(22) 28.01.2022  
(54) INDAMPER VOOR HET INDIKKEN  
VAN EEN PRODUCTSTROOM EN  
WERKWIJZE VOOR HET REINIGEN  
VAN EEN DERGELIJKE INDAMPER  
(71) Vreugdenhil Groep B.V.  
(74) dr. ir. G.J.C. Verdijk c.s.  
(72) Nammen Willem van der Meulen  
(41) 08.08.2023
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- (51) B01D 53/85  
B01D 53/72  
(21) 2030762  
(22) 28.01.2022  
(54) Air cleaner for removing volatile organic  
compounds from a flow of process air  
(71) Pure hld B.V.  
(74) drs. P.A. van Essen c.s.  
(72) Albert Waalkens  
(41) 08.08.2023
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- (51) B01F 31/00  
(21) 2030780  
(22) 28.01.2022  
(54) A STORAGE TANK OIL PRODUCT  
BLENDING DEVICE  
(71) Beibu Gulf University  
(74) ir. M.B. Plaggenborg  
(72) Donglin Xie  
Jinlu Liang  
Changgen Xiao  
Haixin Shi  
Xiaoyu Huang  
Liping Fang  
Rongjian Wang  
(41) 08.08.2023
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- (51) B01J 20/02  
(21) 2030707  
(22) 25.01.2022  
(54) METHOD FOR PREPARING  
ADSORBENT BY CO-PYROLYSIS OF  
STEEL SLAG AND SLUDGE  
(71) Qingdao University of Technology  
(74) ir. M.B. Plaggenborg  
(72) Siyi Luo  
Zongliang Zuo  
Dongdong Ren  
(41) 04.08.2023
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- (51) B01J 23/44  
B01J 23/46  
C02F 1/72  
B01J 23/42  
(21) 2030781  
(22) 28.01.2022
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- (54) WET OXIDATION CATALYST,  
PREPARATION METHODS AND  
APPLICATION THEREOF  
(71) XIAMEN UNIVERSITY  
(74) ir. M.B. Plaggenborg  
(72) Wenting Xiong  
Nuowei Zhang  
Binghui Chen  
Jinbao Zheng  
Songshou Ye  
Bingbing Chen  
Jianrong Xie  
Lili Geng  
(41) 08.08.2023
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- (51) B08B 7/00  
B23K 26/082  
B23K 26/362  
B23K 26/364  
B23K 26/08  
(21) 2030738  
(22) 27.01.2022  
(54) Laser apparatus, method and computer  
program  
(71) P-LASER N.V.  
(74) ir. J.C. Volmer c.s.  
(72) Michiel Mertens
- 
- (51) B21C 25/02  
(21) 2030669  
(22) 24.01.2022  
(54) EXTRUSION DEVICE AND FORMING  
METHOD OF HOLLOW HELICAL  
ROTOR PROFILE WITH INTERNAL  
KEYWAY  
(71) Shandong University  
(74) ir. W.J.J.M. Kempes  
(72) Mingfu Liu  
Liang Chen  
Guoqun Zhao  
Zijie Meng  
Cunsheng Zhang
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- (51) B22C 9/04  
B22C 23/02  
(21) 2030702  
(22) 25.01.2022  
(54) FIBER CERAMIC SHELL AND  
PREPARATION METHOD THEREOF  
(71) Wollmann Technology Zhangjiagang Co.  
Ltd  
(74) ir. M.B. Plaggenborg  
(72) Hexu Sun  
Haiming Liu  
Chunming Qin  
Jinfeng Zhang  
(41) 04.08.2023
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- (51) B22D 17/00  
B22D 1/00  
(21) 2030703  
(22) 25.01.2022  
(54) METHOD FOR PREPARING SEMI-  
SOLID METAL SLURRY THROUGH  
PERMANENT MAGNET COMPOSITE  
ELECTROMAGNETIC STIRRING  
(71) Wollmann Technology Zhangjiagang Co.  
Ltd  
(74) ir. M.B. Plaggenborg  
(72) Hexu Sun  
Chunming Qin  
Jinfeng Zhang

Hongmin Xing	Liang Tian	(21) 2030712
(51) B29D 30/26	Lin Zhu	(22) 25.01.2022
(21) 2034320	(31) 2023105758876	(54) METHOD FOR PREPARING GRAPHENE
(22) 13.03.2023	(32) 22.05.2023	(71) BEIJING INSTITUTE OF TECHNOLOGY
(54) Transfer ring, tire building assembly and method for transferring one or more tire components	(33) China	(74) ir. M.B. Plaggenborg
(71) VMI Holland B.V.	(51) B65B 25/02	(72) Youqi Zhu
(74) ir. F.A. Geurts c.s.	B65B 53/02	Chuanbao Cao
(72) Clemens Jozef Anton Elferink Anne-Per Joseph Hendrik van der Kolk Robert Thalen	(21) 1044253	(41) 04.08.2023
(51) B60R 9/06	(22) 27.01.2022	(51) C01F 7/02
B60R 9/10	(54) Werkwijze en inrichting voor het sealen van bloembollen of -knollen door middel van krimpfolie	C04B 30/00
(21) 2034628	(71) Jansen's Overseas B.V.	C04B 38/00
(22) 19.04.2023	(72) Adrianus Petrus Johannes van Duin	(21) 2030750
(54) DOUBLE-OPENING BICYCLE RACK	Dennis Willibrordus Jacobus van der Krog	(22) 27.01.2022
(71) Jianbo Tao	(41) 07.08.2023	(54) METHOD FOR PREPARING WEAR-RESISTANT AND CORROSION-RESISTANT MATERIAL WITH METAL SURFACE BEING MODIFIED BASED ON AEROGEL STRUCTURE
(74) ir. M.B. Plaggenborg	(51) B65D 47/10	(71) Shandong Jiaotong University
(72) Jianbo Tao	B65D 75/58	(74) ir. M.B. Plaggenborg
(31) 202220908990.9	(21) 2030728	(72) Wenchao Cui
(32) 19.04.2022	(22) 26.01.2022	(41) 07.08.2023
(33) China	(54) A COLLAPSIBLE POUCH PROVIDED WITH A PRE-ASSEMBLED CLOSURE ASSEMBLY	(51) C02F 11/06
(51) B61K 9/08	(71) SCHOLLE IPN IP B.V.	C02F 11/145
(21) 2030690	(74) ir. J.C. Volmer c.s.	(21) 2030744
(22) 25.01.2022	(72) Peter-Jan van der Molen	(22) 27.01.2022
(54) Werkwijze en systeem voor het meten van spoorspatting van een deel van een spoorrails.	(41) 07.08.2023	(54) METHOD FOR SLUDGE DEWATERING AND CONDITIONING WITH CALCIUM PEROXIDE
(71) Dual Inventive Holding B.V.	(51) B65D 85/804	(71) Tongji University
(74) ir. A. Blokland c.s.	B65B 29/02	(74) ir. W.J.J.M. Kempes
(72) Lex Josephus Maria van der Poel	(21) 2030718	(72) Xiaohu Dai
(51) B63B 21/66	(22) 26.01.2022	Xiaoli Chai
B63H 9/069	(54) A capsule with a targeted to-remain-attached part and a targeted to-be-opened part of a sealing seam	Ke Ding
B63B 35/16	(71) Euro-Caps Holding B.V.	Boran Wu
B63G 8/42	(74) ir. J.C. Volmer c.s.	Xiuzhong Wang
B63G 8/00	(72) Anthony Kay	Zheng Zhou
A01K 73/04	(41) 07.08.2023	Hao Wang
B63B 35/00	(51) B65G 7/00	(41) 07.08.2023
(21) 2030717	E21B 15/00	(51) C02F 11/14
(22) 26.01.2022	B66F 1/02	(21) 2030723
(54) INRICHTING VOOR HET VANGEN VAN VIS, SYSTEEM DAT GEBRUIK MAAKT VAN DE INRICHTING, WERKWIJZE VOOR HET VANGEN VAN VIS EN BASISCHIP VOOR GEBRUIK DAARBIJ	(21) 2030636	(22) 26.01.2022
(71) HFK ENGINEERING B.V.	(22) 21.01.2022	(54) MAYENITE/SULFOALUMINATE BINDER FOR DEWATERING AND SOLIDIFICATION/STABILIZATION OF SEWAGE SLUDGE WITH HIGH ORGANIC CONTENT AND PREPARATION METHOD AND APPLICATION THEREOF
(74) ir. M.B. Plaggenborg	(54) A skidding system and a method of operating the skidding system	(71) Tongji University
(72) Harmen Klein Woolthuis	(71) IQIP Holding B.V.	(74) ir. W.J.J.M. Kempes
(51) B63B 35/34	(74) ir. A.R. Aalbers	(72) Boran Wu
B63B 35/44	(72) Marius Peerdeman	Danhui Xin
B63B 35/38	Quintus Wilhelmus Petrus Maria Zuijdgeest	Xiaoli Chai
H02S 20/00	(41) 03.08.2023	Linlin Hou
(21) 2035204	(51) B67D 7/04	(41) 07.08.2023
(22) 28.06.2023	(21) 2030668	(51) C04B 24/42
(54) WATER SURFACE FLOATING PHOTOVOLTAIC STRUCTURE	(22) 24.01.2022	(21) 2030667
(71) HUANENG RENEWABLES CORPORATION LIMITED HEBEI BRANCH	(54) DEVICE FOR COLLECTING OIL AND GAS EVAPORATIVE EMISSIONS	(22) 24.01.2022
(74) dr. R.C. van Duijvenbode c.s.	(71) Zhengzhou University	(54) PREPARATION AND APPLICATION OF NOVEL CONCRETE ANTI-CRACKING AND ANTI-SEEPAGE COMPOSITE ADDITIVE
(72) Aihua Jia	(74) ir. W.J.J.M. Kempes	(71) Qingdao University of Technology
Xiangwei Wang	(72) Hui Mei	(74) ir. W.J.J.M. Kempes
Junbin Zheng	Bowen Zhang	(72) Ning Li
Yang Zhang	Lulu Wang	Xiaoying Zhang
Yi Liu	Rongshuo Zhang	
	Ya'nan Fu	
	Rencheng Zhu	
	Yangbing Wei	
	(51) C01B 32/184	

- Xiangke Guo  
Penggang Wang  
Chuansheng Xiong  
Tao Sun  
Yong Yu  
Zuquan Jin  
Xiangbo Xu  
Bo Pang  
(41) 03.08.2023
- 
- (51) C04B 28/14  
(21) 2030726  
(22) 26.01.2022  
(54) PREPARING METHOD OF TWO-COMPONENT PACKING CEMENT  
(71) Shanghai Yueli New Material Technology Co., Ltd.  
(74) ir. W.J.J.M. Kempes  
(72) Zhifei Wang
- 
- (51) C05F 17/00  
(21) 2032312  
(22) 29.06.2022  
(54) Method For Enhancing Carbon And Nitrogen Conversion In Composting Process Based On Magnetic Particles  
(71) Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences  
Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs  
(74) dr. T. Wittop Koning PhD  
(72) Ronghua Li  
Tao Luo  
Yadong Yang  
Bin Xi  
Zengqiang Zhang  
Ling Qiu  
Jianning Zhao  
Lili Wang  
Hongbin Liu  
Dan Wei  
Junting Pan  
Guilong Zhang  
Cheng Yan  
(31) 202210094259.1  
(32) 26.01.2022  
(33) China
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- (51) C05F 17/50  
C05F 17/20  
C05F 17/60  
C05F 5/00  
(21) 2030681  
(22) 25.01.2022  
(54) PROCESS TO BACTERIALLY DECOMPOSE ORGANIC WASTE MATERIAL  
(71) ECO-HABITAT B.V.  
(74) ir. M. Cramwinckel  
(72) Eduard Johannes Christoffel Wielinga  
Servan Kreher  
(41) 04.08.2023
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- (51) C05G 3/00  
C05G 3/40  
C05G 5/12  
C05G 5/30  
(21) 2030771  
(22) 28.01.2022
- (54) CONTROLLED-RELEASE FERTILIZER APPLIED TO PADDY FIELD AND PREPARATION METHOD THEREOF  
(71) ZHEJIANG UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(74) ir. M.B. Plaggenborg  
(72) Hao Wang  
Lingxia Chen  
Shengdao Shan  
Jianju Zhou  
Changai Zhang  
Jin Zhang  
Yuying Tang  
(41) 08.08.2023
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- (51) C07C 5/41  
C10G 45/70  
B01J 29/61  
C07C 15/06  
(21) 2030704  
(22) 25.01.2022  
(54) PREPARATION METHOD AND APPLICATION OF PLATINUM-BASED N-PARAFFIN AROMATIZATION CATALYST  
(71) ENERGY RESEARCH INSTITUTE OF SHANDONG ACADEMY OF SCIENCES  
(74) ir. A. van der Maarl  
(72) Zhao Baofeng  
Di Zhu  
Dan Xu  
Wang Shuyuan
- 
- (51) C07F 9/10  
C08K 5/101  
(21) 2030753  
(22) 27.01.2022  
(54) METHOD FOR PREPARING ASPHALT REGENERANT FOR VEGETABLE OIL RESIDUES  
(71) HARBIN INSTITUTE OF TECHNOLOGY  
Harbin Qu'an Transportation Technology Co., Ltd.  
(74) ir. M.B. Plaggenborg  
(72) Decheng Feng  
Wenyi Zhou  
Junyan Yi  
Zhongshi Pei  
Meng Xu  
Dongsheng Wang
- 
- (51) C07G 99/00  
C08H 99/00  
C08H 7/00  
(21) 2030790  
(22) 31.01.2022  
(54) EXTRACTING SOLUTION FOR WATER-SOLUBLE HUMATE IN WEATHERED COAL AND EXTRACTING METHOD THEREOF  
(71) Shandong Academy of Agricultural Sciences  
(74) ir. M.B. Plaggenborg  
(72) Yang Liu  
Haitao Lin  
Wenjing Fan  
Yuwen Shen  
Xiaozong Song  
Ping Liu  
(41) 08.08.2023
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- (51) C08B 15/02  
C08B 31/18  
(21) 2030671  
(22) 24.01.2022  
(54) A production process for dialdehyde carbohydrates  
(71) Rodenburg Productie B.V.  
(74) dr. R.C. van Duijvenbode c.s.  
(72) Tobias Graßl  
Ronny Davidse  
Philippe Elisabeth M. Willems  
Thijs Rodenburg  
Linda Heesch  
Joost Rodenburg  
Rieke Neuber  
Simon de Die  
(41) 04.08.2023
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- (51) C08F 220/34  
C08G 83/00  
C02F 1/56  
C02F 1/52  
B01D 21/01  
C08F 220/56  
C08F 230/08  
(21) 2030794  
(22) 31.01.2022  
(54) PREPARATION METHOD AND APPLICATION OF ORGANIC-INORGANIC COVALENT BOND COMPOSITE COAGULANT FOR STRENGTHENING COAGULATION  
(71) Anhui University of Technology  
(74) ir. M.B. Plaggenborg  
(72) Yong Nie  
Rui Zhang  
Jiangya Ma  
Lei Ding  
Huiwen Zhang  
Yanli Kong  
(41) 08.08.2023
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C09D 175/08  
C09D 163/02  
C08G 18/48  
C08G 18/66  
C08G 18/34  
C09D 5/18  
C09D 7/62  
C09D 7/65  
D06N 3/14  
(21) 2030773  
(22) 28.01.2022  
(54) METHOD FOR PREPARING POWDERABLE SELF-HEALING FLAME-RETARDANT LOW-VOC POLYURETHANE COATING AND APPLICATION IN CAR SEAT LEATHER  
(71) YANTAI UNIVERSITY  
(74) ir. M.B. Plaggenborg  
(72) Lianxiang Feng  
Guorong Li  
Lecheng Hu  
Yonggen Weng  
Zhihai Tang  
Han Yu  
Xiangmin Wang  
Lulu Gu  
Quanjie Wang  
Baorong Duan

(41) 08.08.2023	(54) METHOD OF ENHANCING CARBON	INHIBITOR AND PREPARATION
(51) C08G 65/28	PRODUCT PERFORMANCE IN	METHOD THEREOF
C10G 33/04	ELASTOMERS	(71) Taiyuan University of Technology
(21) 2030766	(62) 2033781 (21.12.2022)	(74) ir. W.J.J.M. Kempes
(22) 28.01.2022	(71) Beyond Lotus LLC	(72) Yijun Jia
(54) BROAD-SPECTRUM POLYETHER	(74) ir. H.A. Witmans c.s.	Yifan Jia
CRUDE OIL DEMULSIFIER AND	(72) Michael Zhang	Maolin Jia
PREPARATION METHOD THEREOF	Frederick H. Rumpf	Chuanbo Cui
(71) Fushun Taimiao Chemical Technology	Michael Beaulieu	Shuguang Jiang
Co., Ltd.	Michael D. Morris	Cunbao Deng
(74) ir. M.B. Plaggenborg	Jincheng Xiong	Zhiqiang Song
(72) Lili Wang	(31) 63/292,049	Jianping Lei
Zi'ang Wang	(32) 21.12.2021	(41) 07.08.2023
Mengyao Ma	(33) United States of America	(51) C10B 57/00
Hongguo Wang	(51) C09D 5/02	C10G 1/00
(41) 08.08.2023	C09D 5/14	B01J 19/08
(51) C09C 1/50	C09D 5/36	C10L 1/02
(21) 2034035	C09D 7/61	C10L 1/04
(22) 27.01.2023	C09D 7/63	C10B 53/02
(54) METHODS OF PRODUCING CARBON	(21) 2030722	(21) 2030697
BLACKS FROM LOW-YIELDING	(22) 26.01.2022	(22) 25.01.2022
FEEDSTOCKS AND PRODUCTS MADE	(54) MULTI-FUNCTIONAL INTERIOR WALL	(54) METHOD AND DEVICE FOR
FROM SAME UTILIZING PLASMA OR	ART PAINT WITH FORMALDEHYDE	ENHANCING HEAT CONVERSION
ELECTRICALLY HEATED PROCESSES	REMOVAL, MOSQUITO REPELLENCE,	AND UTILIZATION OF BIOMASS VIA
(71) Cabot Corporation	AND NEGATIVE ION RELEASE	MAGNETIC FIELD
(74) ir. H.A. Witmans c.s.	(71) Hunan Guocai New Material Co., Ltd.	(71) ENERGY RESEARCH INSTITUTE OF
(72) Frederick H. Rumpf	(74) ir. W.J.J.M. Kempes	SHANDONG ACADEMY OF SCIENCES
William M. Porteous	(72) Heng Liu	(74) ir. A. van der Maarl
David S. Crocker	Liyong Chen	(72) Ren Wei
Akshay Gopan	Boping Liu	Sun Laizhi
Thomas E. McElwain	Wei Chen	Guan Haibin
David M. Matheu	Yuanqiu Jiang	Zhu Di
Geoffrey D. Moeser	Lindao He	Yang Shuangxia
Theis F. Clarke	(41) 07.08.2023	Wang Jingwei
(31) 63/323,343	(51) C09D 5/29	Chen Lei
63/304,098	C09D 133/04	Huajian Yang
(32) 24.03.2022	(21) 2030724	Xu Dan
28.01.2022	(22) 26.01.2022	Zhao Baofeng
(33) United States of America	(54) REFLECTIVE HEAT-INSULATING	(51) C12G 3/02
United States of America	WATER-IN-WATER MULTICOLOR	(21) 2030701
(51) C09C 1/58	PAINT	(22) 25.01.2022
C08J 3/22	(71) Shanghai Lvtedan Thermal Insulation	(54) METHOD FOR PREPARING TEA WINE
C08K 3/04	Engineering Co.,Ltd.	BY ENZYMATIC HYDROLYSIS OF TEA
C08L 7/00	(74) ir. W.J.J.M. Kempes	STALKS WITH BIO-ENZYMES
C08L 9/06	(72) Zhifei Wang	(71) TEA RESEARCH INSTITUTE, CHINESE
(21) 2035375	(41) 07.08.2023	ACADEMY OF AGRICULTURAL
(22) 21.12.2022	(51) C09K 11/58	SCIENCES
(54) METHOD OF ENHANCING CARBON	G01N 21/64	(74) ir. M.B. Plaggenborg
PRODUCT PERFORMANCE IN	(21) 2030741	(72) Chun Zou
ELASTOMERS	(22) 27.01.2022	Yongquan Xu
(62) 2033781 (21.12.2022)	(54) FLUORESCENCE TEST REAGENT,	Junfeng Yin
(71) Beyond Lotus LLC	PREPARATION METHOD AND	Jianxin Chen
(74) ir. H.A. Witmans c.s.	PROTAMINE OR HEPARIN TEST	(41) 04.08.2023
(72) Michael D. Morris	METHOD	(51) C12N 5/0787
Michael Zhang	(71) Jilin University	(21) 2035425
Frederick H. Rumpf	(74) ir. W.J.J.M. Kempes	(22) 19.07.2023
Michael Beaulieu	(72) Shiyong Teng	(54) METHOD FOR ISOLATING AND
Jincheng Xiong	Zhenzhen Huang	CULTURING BONE MARROW-
(31) 63/292,049	Min Wang	DERIVED MAST CELLS OF NEWBORN
(32) 21.12.2021	Yue Li	PIGLETS
(33) United States of America	Bohui Duan	(71) China Agricultural University
(51) C09C 1/58	(51) C09K 21/08	(74) ir. M.B. Plaggenborg
C08J 3/22	E21F 5/08	(72) Lei Zhou
C08K 3/04	C09K 21/02	Yanxin Hu
C08L 7/00	(21) 2030749	Yuli Li
C08L 9/06	(22) 27.01.2022	Jiawei Xu
(21) 2035376	(54) PHASE-CHANGE MATERIAL THERMO-	(51) C12P 21/06
(22) 21.12.2022	SENSITIVE COATING, COMPOSITE	A23L 33/18

C07K 14/435	(74) dr. ir. G.J.C. Verdijck c.s.	(54) MULTI-PULSE GAS EXPLOSION
(21) 2030682	(72) Petrus Adrianus Maria van der Heijden	PRE-SPLITTING DEVICE FOR COAL
(22) 25.01.2022	(41) 08.08.2023	MINING
(54) PREPARATION METHOD FOR	(51) E04F 15/02	(71) Qingdao University of Technology
SEA CUCUMBER INTESTINE	B32B 3/26	(74) ir. M.B. Plaggenborg
OSTOSIS PROMOTING PEPTIDE AND	E04F 13/18	(72) Liwei Xin
APPLICATION THEREOF	E04F 13/08	Keming Sun
(71) SHANDONG HAODANGJIA MARINE	E04F 15/10	Qingsheng Zheng
DEVELOPMENT CO., LTD.	(21) 2030694	Wei Wang
QINGDAO INSTITUTE OF MARINE	(22) 25.01.2022	Shucui Zhang
BIORESOURCES FOR NUTRITION	(54) Decorative panel, decorative covering,	Kai Li
AND HEALTH INNOVATION	method and system for producing such a	(41) 04.08.2023
OCEAN UNIVERSITY OF CHINA	panel	(51) F03D 3/06
(74) ir. W.J.J.M. Kempes	(71) NORTHANN BUILDING SOLUTIONS	F03D 9/25
(72) Yingying Tian	LLC	(21) 2030791
Changhu Xue	(74) ir. H.Th. van den Heuvel c.s.	(22) 31.01.2022
Hao Yue	(72) Lin Li	(54) A vertical axis turbine and use of a
Yongjun Sun	(51) E04H 12/08	turbine
Jingfeng Wang	E02B 17/02	(71) Pablo Cabildo Fajardo
Wei Hu	E04H 12/34	(74) ir. H.A. Witmans c.s.
(41) 04.08.2023	G01S 17/89	(72) Pablo Cabildo Fajardo
(51) C22B 1/02	E02B 17/00	(41) 08.08.2023
C01B 7/20	(21) 2030640	(51) F03G 3/08
C22B 26/12	(22) 21.01.2022	(21) 2030734
C22B 59/00	(54) Method for fitting a construction element	(22) 27.01.2022
(21) 2033897	over a foundation pile and foundation pile	(54) ENERGIESAMENSTEL
(22) 02.01.2023	provided with such construction element.	(71) Stichting PatentNed
(54) METHOD FOR SYNCHRONOUSLY	(71) Sif Holding N.V.	(74) ir. J.H. de Hoog
LEACHING RARE EARTH, FLUORINE	(74) ir. H.A. Witmans c.s.	(72) Marinus Willem van de Glind
AND LITHIUM ACID LEACHING	(72) Michel Antoin Marie Kurstjens	(41) 07.08.2023
SOLUTION FROM RARE EARTH	(41) 03.08.2023	(51) F04B 47/00
ELECTROLYTIC MOLTEN SALT SLAG	(51) E06B 11/04	(21) 2030653
(71) JIANGXI UNIVERSITY OF SCIENCE	E05F 15/635	(22) 21.01.2022
AND TECHNOLOGY	(21) 2030633	(54) LOW-SUBMERGENCE COAL-DUST
(74) ir. M.B. Plaggenborg	(22) 21.01.2022	RESISTANT DRAINAGE AND GAS
(72) Hao Wen	(54) AANDRIJVINGSMODULE VOOR	PRODUCTION PUMP FOR COAL-BED
Zhifang Tong	EEN POORT, EEN POORT	METHANE WELL
Jiaying Wang	EN HEKWERK VOORZIEN	(71) Qingdao University of Technology
Chunlin Ye	DAARVAN, EN WERKWIJZEN VOOR	(74) ir. M.B. Plaggenborg
Zhaoxun Xie	HET VERSCHAFFEN VAN EEN	(72) Xinfu Liu
Congcong Xu	DERGELIJKE AANDRIJVING EN	Chao Zhou
Xiaofei Hu	POORT	Bo Li
Huiquan Li	(71) Esedco Beheer B.V.	Guoqiang Liu
(31) 202210105203.1	(74) dr. ir. G.J.C. Verdijck c.s.	Jianjun Wu
(32) 28.01.2022	(72) Edward Wouter Hoog Antink	Hongming He
(33) China	(41) 03.08.2023	(41) 03.08.2023
(51) C23F 11/08	(51) E21B 49/00	(51) F04B 47/00
C02F 5/14	E21B 43/26	(21) 2030654
(21) 2030683	(21) 2030675	(22) 21.01.2022
(22) 25.01.2022	(22) 24.01.2022	(54) HORIZONTAL WELL SELF-CENTERING
(54) PRESERVATIVE FOR SUBSEA	(54) TRIAXIAL MULTI-CRACK HYDRAULIC	MOVABLE PLUG TYPE CONE VALVE
PIPELINE PIGGING PRESSURE TEST	FRACTURING EXPERIMENTAL	PUMP
AND SEALING AND PRODUCTION	DEVICE	(71) Qingdao University of Technology
METHOD THEREOF	(71) Qingdao University of Technology	(74) ir. M.B. Plaggenborg
(71) Shenyang Zhongke Engineering Center	(74) ir. M.B. Plaggenborg	(72) Youqiang Wang
for Corrosion Control Co., Ltd.	(72) Keming Sun	Bangting Yu
(74) ir. W.J.J.M. Kempes	Wei Wang	Jianjun Wu
(72) Yingjian Zhu	Qingsheng Zheng	Xinfu Liu
Fengming Yu	Shucui Zhang	Xiaoning Chen
(41) 04.08.2023	Kai Li	Chao Zhou
(51) E02D 29/045	Xingang Zhang	(51) F16M 11/18
E01F 5/00	(41) 04.08.2023	F16M 11/42
(21) 2030760	(51) E21C 37/12	F16M 11/30
(22) 28.01.2022	(21) 2030677	H01L 41/00
(54) TWEEDELIG EIND-ELEMENT VOOR	(22) 24.01.2022	F16M 11/04
BETONNEN KOKERVORMIGE		(21) 2030678
CONSTRUCTIE		(22) 25.01.2022
(71) Romein Beton B.V.		

(54) Systeem voor het positioneren van een plat beeldscherm	(32) 24.01.2022	Baoying Zhang
(71) Vogel's IP B.V.	(33) China	(41) 04.08.2023
(74) ir. A. Blokland c.s.	(51) G01N 21/64	(51) G02C 5/04
(72) Remco Johannes Poelstra	G01N 33/487	G02C 9/00
Paul Robbert Grolle	G01N 33/58	G02C 5/20
(51) F24D 10/00	G01N 33/68	(21) 1044252
F24T 10/10	(21) 2030638	(22) 27.01.2022
(21) 2030643	(22) 21.01.2022	(54) Verstelbaar brilmontuur
(22) 21.01.2022	(54) Method for measuring a protein	(71) Josephus Hendrikus Anna Goessens
(54) GESLOTEN BODEMENERGIESYSTEEMCONFIGURATIE VOOR VERWARMEN/KOELEN VAN MEERDERE GEBOUWEN OF GEBOUWDELEN EN GEBRUIK	(71) Technische Universiteit Delft	(72) Josephus Hendrikus Anna Goessens
(71) Uiteigenbodem B.V.	(74) dr. A. Ellens c.s.	(51) G06F 5/10
(74) ir. J.H. de Hoog	(72) Sabina Caneva	(21) 2030739
(72) Dino Gaya Walters	(51) G01N 31/12	(22) 27.01.2022
(51) G01C 21/16	G01N 21/3518	(54) FIFO DATA BUFFER WITH MULTI-LOAD
G01C 21/20	(21) 2030689	(71) Microsoft Technology Licensing, LLC
(21) 2030652	(22) 25.01.2022	(74) ir. J.C. Volmer c.s.
(22) 21.01.2022	(54) ANALYSIS METHOD FOR ONLINE MONITORING OF BIOMASS BLENDED-COMBUSTION RATIO BASED ON STABLE CARBON ISOTOPES	(72) Amiram Hochman
(54) ANGULAR ACCELERATION ESTIMATION METHOD BASED ON KALMAN FILTERING	(71) ENERGY RESEARCH INSTITUTE OF SHANDONG ACADEMY OF SCIENCES	(41) 07.08.2023
(71) BEIHANG UNIVERSITY	(74) ir. A. van der Maarl	(51) G06F 8/38
(74) ir. M.B. Plaggenborg	(72) Xiangyu Feng	(21) 2030795
(72) Peng Tang	Di Zhu	(22) 31.01.2022
Xiaowei Dang	Zhe Shi	(54) Method for building a user interface
Shuna Liu	Shuyuan Wang	(71) Lely Patent N.V.
Chen Zheng	Haibin Guan	(74) ir. M.J.F.M. Corten
(41) 03.08.2023	Yu Peng	(72) Johannes Jacobs
(51) G01F 1/00	Dan Xu	Maria Lucia Elizabeth Boots
E21B 37/06	Zhao Baofeng	(41) 08.08.2023
(21) 2030676	(51) G01N 33/487	(51) G06F 18/214
(22) 24.01.2022	G01N 33/68	G06F 18/2431
(54) DEVICE FOR IMPROVING COAL BED PERMEABILITY BY USING SUPERCRITICAL CO2	G01N 21/64	(21) 2030725
(71) Qingdao University of Technology	G01N 33/58	(22) 26.01.2022
(74) ir. M.B. Plaggenborg	(21) 2030821	(54) COMPUTER-IMPLEMENTED NOISE-RESISTANT ON-LINE MULTI-CLASSIFICATION KERNEL LEARNING ALGORITHM
(72) Wei Wang	(22) 04.02.2022	(71) China University of Petroleum (East China)
Di Wu	(54) Method for characterizing a protein	(74) ir. W.J.J.M. Kempes
Keming Sun	(71) Technische Universiteit Delft	(72) Yaxuan Ma
Kai Li	(74) dr. A. Ellens c.s.	Xiao Gu
Shucui Zhang	(72) Sabina Caneva	Shengjun Zheng
Qingsheng Zheng	(31) 2030638	Ling Jian
(41) 03.08.2023	(32) 21.01.2022	(41) 07.08.2023
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G01N 5/02	(51) G01P 5/22	G06N 3/045
G01N 5/04	G01F 1/712	G06N 3/08
G01N 9/02	G01N 15/02	(21) 2030745
(21) 2033582	G01B 9/02091	(22) 27.01.2022
(22) 21.11.2022	(21) 2030797	(54) COMPUTER SYSTEM FOR SALIENCY DETECTION OF RGBD IMAGES BASED ON INTERACTIVE FEATURE FUSION
(54) APPARATUS AND METHOD FOR RAPIDLY TESTING COARSE AGGREGATE DENSITY AND WATER ABSORPTION RATE	(54) Scanning OCT off-wall particle sizing	(71) Shanghai University of Engineering Science
(71) Jilin Jianzhu University	(71) Technische Universiteit Delft	(74) ir. W.J.J.M. Kempes
(74) ir. M.B. Plaggenborg	(74) dr. A. Ellens c.s.	(72) Zhijun Fang
(72) Yong Wang	(72) Jeroen Kalkman	Xiaoli Zhao
Shiwei Li	Konstantine Cheishvili	Zhuorao Zhang
Wenzhu Song	(41) 08.08.2023	Zheng Chen
Siyuan Wang	(51) G02B 6/10	(41) 07.08.2023
Li Jing	B29C 70/70	(51) G06F 21/64
Ye Yuan	(21) 2030672	G06K 9/62
Chenglin Shi	(22) 24.01.2022	G06Q 10/08
(31) 202210076804.4	(54) OPTICAL WAVEGUIDE COMPOSITE MATERIAL AND MANUFACTURING METHOD THEREOF	G06F 21/60
	(71) XI'AN GAOQIANG INSULATION ELECTRIC CO.,LTD	G06F 16/27
	(74) ir. M.B. Plaggenborg	(21) 2030666
	(72) Di Liu	(22) 24.01.2022

(54) INDUSTRIAL AUTOMATIC INTELLIGENT MANUFACTURING SYSTEM BASED ON BLOCKCHAIN TECHNOLOGY	(74) ir. A. Blokland c.s. (72) Petrus Joannes Wilhelmus van Herp Jeroen Pietryga Arno Adriaan Evert Rood	Niels Festjens Clara Balust Martinez (41) 04.08.2023
(71) Anhui YoChant Network & Technology Co., Ltd	(41) 08.08.2023	(51) H01L 23/485 H01L 25/065
(74) ir. W.J.J.M. Kempes (72) Haijun Ren (41) 03.08.2023	(51) G07F 17/26 G07F 19/00 (21) 2030779 (22) 28.01.2022	(21) 2035118 (22) 04.11.2021 (54) HYBRID MANUFACTURING FOR INTEGRATED CIRCUIT DEVICES AND ASSEMBLIES
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(54) METHOD FOR EVALUATING IMPLEMENTATION EFFECT OF REGIONAL ECOLOGICAL PROTECTION AND RESTORATION PROJECT	(51) G07F 19/00 (21) 2030774 (22) 28.01.2022	(51) H02P 13/06 (21) 2030729 (22) 26.01.2022
(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China	(54) INTELLIGENT SERVICE TERMINAL (71) ZHEJIANG JIANLIN ELECTRONIC Co.,LTD (74) ir. M.B. Plaggenborg (72) Jianjun Zhou Ying Jin Yaqun Wang (41) 08.08.2023	(54) TRANSFORMER VOLTAGE REGULATING DEVICE BASED ON POWER ELECTRONIC TECHNOLOGY (71) Hong Tang (74) ir. M.B. Plaggenborg (72) Nana Song Shaoju Wang Shuchao Wang Qishun Zhang Hong Tang Xinhong Zhang Zhiyin Sun Longbiao Zhang
(74) dr. T. Wittop Koning PhD (72) Changxin Zou Yan Wang Naifeng Lin Delin Xu Jing Liu (31) 202210087172.1 (32) 25.01.2022 (33) China	(51) G08G 5/00 (21) 2030658 (22) 23.01.2022	(54) TRANSFORMER VOLTAGE REGULATING DEVICE BASED ON POWER ELECTRONIC TECHNOLOGY (71) Hong Tang (74) ir. M.B. Plaggenborg (72) Nana Song Shaoju Wang Shuchao Wang Qishun Zhang Hong Tang Xinhong Zhang Zhiyin Sun Longbiao Zhang
(51) G06Q 40/08 (21) 2033995 (22) 20.01.2023	(54) Flow Management Method of FAB Based on Distributed Decision Model (71) Civil Aviation Flight University of China Weijun Pan (74) dr. T. Wittop Koning PhD (72) Li Chen Qinghai Zuo Yuanfei Leng Haotian Luo Xuan Wang Rundong Wang Weijun Pan	(51) H02P 29/00 H02H 3/05 H02H 7/08 (21) 2030720 (22) 26.01.2022 (54) METHOD FOR IMPLEMENTING DOUBLE-PATH TWO-IN-ONE HIGH-POWER SERVO DRIVER
(54) COMPUTER IMPLEMENTED METHOD FOR INSURANCE UNDERWRITING	(71) Allianz Benelux NV (74) dr. E.M.F. Eulaers (72) Nicolas Te Salim Jouili Christopher Grumiau Amit Sethia Jain Jan Doumen Sudaman Thoppan Mohanchandralal (41) 04.08.2023 (31) 2022/5041 (32) 24.01.2022 (33) Belgium	(51) H02P 29/00 H02H 3/05 H02H 7/08 (21) 2030720 (22) 26.01.2022 (54) METHOD FOR IMPLEMENTING DOUBLE-PATH TWO-IN-ONE HIGH-POWER SERVO DRIVER (71) JINAN KEYA ELECTRON AND TECHNOLOGY ., LTD (74) ir. W.J.J.M. Kempes (72) Hongxing Wu Zhongjian Li Xiaowei Pan Fulu Cao (41) 07.08.2023
(51) G06T 7/33 (21) 2030789 (22) 31.01.2022	(54) PAYMENT LABEL FOR PARKING LOT AND METHOD FOR PAYING FOR PARKING (71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY Dongguan Yonghuahao Information Technology Co., Ltd. (74) ir. H.A. Witmans c.s. (72) Linjuan Yan Guangxue Chen Linyi Chen	(51) H03F 3/195 H03F 3/213 H01L 23/66 H03F 1/56 H03F 1/02 (21) 2030764 (22) 28.01.2022 (54) Compact Doherty amplifier having improved video bandwidth (71) Ampleon Netherlands B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Daniel Maassen (41) 08.08.2023
(54) method and device for associating sets of cardiovascular data	(51) G09F 7/00 G07B 15/02 (21) 2030732 (22) 26.01.2022	(51) H03F 3/195 H03F 3/213 H01L 23/66 H03F 1/56 H03F 1/02 (21) 2030764 (22) 28.01.2022 (54) Compact Doherty amplifier having improved video bandwidth (71) Ampleon Netherlands B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Daniel Maassen (41) 08.08.2023
(71) Medis Associated B.V. (74) ir. H.A. Witmans c.s. (72) Hua Ma Pieter Hendrik Kitslaar Johannes Petrus Janssen Johan Hendrikus Christiaan Reiber (41) 08.08.2023	(54) PAYMENT LABEL FOR PARKING LOT AND METHOD FOR PAYING FOR PARKING (71) SOUTH CHINA UNIVERSITY OF TECHNOLOGY Dongguan Yonghuahao Information Technology Co., Ltd. (74) ir. H.A. Witmans c.s. (72) Linjuan Yan Guangxue Chen Linyi Chen	(51) H03F 3/195 H03F 3/213 H01L 23/66 H03F 1/56 H03F 1/02 (21) 2030764 (22) 28.01.2022 (54) Compact Doherty amplifier having improved video bandwidth (71) Ampleon Netherlands B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Daniel Maassen (41) 08.08.2023
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(54) Method of, and system for, effortless check-in for a transaction-based transportation vehicle.	(54) Computer implemented method for providing a case mix schedule (71) DEO N.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Jeroen Willem Rita Dille	(51) H04M 1/02 G06F 1/16
(71) Mobyyou B.V.		

(21) 2030635

(22) 21.01.2022

(54) COMPUTING DEVICE HINGE  
ASSEMBLY

(71) Microsoft Technology Licensing, LLC

(74) ir. J.C. Volmer c.s.

(72) Prasad Raghavendra  
Denys V. Yaremenko

(41) 03.08.2023

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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.**

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(51) A01G 7/06 A01C 1/00 (11) 2030772 (47) 08.08.2023 (22) 28.01.2022 (54) METHOD FOR PROMOTING GERMINATION OF SEED OF GENTIANACEAE AFTER STORAGE (73) Kunming Institute of Botany, Chinese Academy of Sciences (72) Xiaojian Hu Juan Yang Cheng Liu Xiangyun Yang Meijuan Li Yongjie Guo Lan Yang (74) ir. M.B. Plaggenborg	(74) ir. M.B. Plaggenborg (31) 202110948532 .8 (32) 18.08.2021 (33) China (51) A01H 7/00 A01H 6/00 A01H 4/00 (11) 2030708 (47) 04.08.2023 (22) 25.01.2022 (54) TISSUE CULTURE METHOD OF ANCIENT TREE (73) Research Institute of Forestry Chinese Academy of Forestry (72) Xiulian Zhao Ermei Chang Zirui Jia Jianfeng Liu Zeping Jiang (74) ir. M.B. Plaggenborg	(74) ir. M.B. Plaggenborg (31) 202110948532 .8 (32) 18.08.2021 (33) China (51) A01H 7/00 A01H 6/00 A01H 4/00 (11) 2030708 (47) 04.08.2023 (22) 25.01.2022 (54) TISSUE CULTURE METHOD OF ANCIENT TREE (73) Research Institute of Forestry Chinese Academy of Forestry (72) Xiulian Zhao Ermei Chang Zirui Jia Jianfeng Liu Zeping Jiang (74) ir. M.B. Plaggenborg
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Jinxuan Cao	(54) ENDOSCOPIC PHOTOACOUSTIC TOMOGRAPHIC IMAGE RECONSTRUCTION METHOD AND SYSTEM	(73) Access2Bone IP B.V.
Mei Yang		(72) Arnoldus C.M. van de Mortel
Jingxin Sun		Michael Sickler
Chunqiang Li		Nienke de Roode-Beuling
Junhua Shao	(73) NORTH CHINA ELECTRIC POWER UNIVERSITY (BAODING)	(74) dr. R.C. van Duijvenbode c.s.
Yidan Mu		(51) A63B 69/00
Xiaoying Guo	(72) Huifeng Sun	(11) 2033585
Xin Meng	Zheng Sun	(47) 08.08.2023
(74) ir. W.J.J.M. Kempes	(74) ir. W.J.J.M. Kempes	(22) 22.11.2022
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A61K 38/01	A61N 1/36	(73) Huaiyin Normal University
A61P 1/16	A63B 23/20	(72) Jianguo Xu
(11) 2030670	A61N 2/06	(74) ir. M.B. Plaggenborg
(47) 04.08.2023	(11) 2030727	(51) B01D 1/06
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(54) APPLICATION OF FISH SPAWN GLYCOPROTEIN IN LIVER PRODUCTION PRODUCTS	(22) 26.01.2022	(11) 2030768
(73) QINGDAO INSTITUTE OF MARINE BIORESOURCES FOR NUTRITION AND HEALTH INNOVATION SHANDONG ZIBO BASHAN WANJIE HOSPITAL	(54) VAGINAL PELVIC FLOOR MUSCLE EXERCISER	(47) 08.08.2023
OCEAN UNIVERSITY OF CHINA	(73) Ningbo College of Health Sciences	(22) 28.01.2022
(72) Changhu Xue	(72) Jianhong Ma	(54) INDAMPER VOOR HET INDIKKEN VAN EEN PRODUCTSTROOM EN WERKWIJZE VOOR HET REINIGEN VAN EEN DERGELIJKE INDAMPER
Xia Yang	Jing Yang	(73) Vreugdenhil Groep B.V.
Hao Yue	Kena Weng	(72) Nammen Willem van der Meulen
Yingying Tian	Minhua Feng	(74) dr. ir. G.J.C. Verdijck c.s.
Jingfeng Wang	(74) ir. M.B. Plaggenborg	(51) B01D 53/85
(74) ir. W.J.J.M. Kempes	(51) A61K 41/13	B01D 53/72
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(22) 27.10.2022	A61K 41/00	(54) Air cleaner for removing volatile organic compounds from a flow of process air
(54) An anti-theft assembly for a wristwatch, a rigid sleeve, a method for forming the same, and a metal casting mold	(11) 2033728	(73) Pure hld B.V.
(73) Davey Oomen	(47) 04.08.2023	(72) Albert Waalkens
(72) Davey Oomen	(22) 15.12.2022	(74) drs. P.A. van Essen c.s.
(74) mr. ir. J. van Breda c.s.	(54) BLOOD PATHOGEN INACTIVATION METHOD	(51) B01F 31/00
(51) A47B 45/00	(73) Institute of Blood Transfusion Chinese Academy of Medical Sciences	(11) 2030780
A47B 37/04	(72) Haixia Xu	(47) 08.08.2023
A47B 87/02	Zhong Liu	(22) 28.01.2022
A47B 47/03	Ling Li	(54) A STORAGE TANK OIL PRODUCT BLENDING DEVICE
(11) 2030735	Yundi Yin	(73) Beibu Gulf University
(47) 07.08.2023	(74) ir. F.A. Geurts c.s.	(72) Donglin Xie
(22) 27.01.2022	(31) 202111584844.1	Jinlu Liang
(54) Outdoor kitchen, system and method	(32) 22.12.2021	Changgen Xiao
(73) Piet-Jan van den Kommer Holding B.V.	(33) China	Haixin Shi
(72) Piet-Jan van den Kommer	(51) A61L 27/04	Xiaoyu Huang
(74) ir. H.A. Witmans c.s.	A61L 27/36	Liping Fang
(51) A47G 7/06	A61L 27/50	Rongjian Wang
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(54) Foldable vase	(73) ZJU-Hangzhou Global Scientific and Technological Innovation Center	(22) 25.01.2022
(73) Arena Online Ltd	(72) Wei Wang	(54) METHOD FOR PREPARING ADSORBENT BY CO-PYROLYSIS OF STEEL SLAG AND SLUDGE
(72) Teye Leander Aalt Ubbens	Jian Dai	(73) Qingdao University of Technology
Casper van Alfen	(74) ir. M.B. Plaggenborg	(72) Siyi Luo
Paulus Nicolaas Kapteijn	(31) 202210101495.1	Zongliang Zuo
(74) dr. R.C. van Duijvenbode c.s.	(32) 27.01.2022	Dongdong Ren
(51) A61B 5/00	(33) China	(74) ir. M.B. Plaggenborg
(11) 2030687	(51) A61L 27/50	(51) B01J 23/44
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(47) 08.08.2023	(54) FIBER CERAMIC SHELL AND	DAARBIJ
(22) 28.01.2022	PREPARATION METHOD THEREOF	(73) HFK ENGINEERING B.V.
(54) WET OXIDATION CATALYST, PREPARATION METHODS AND APPLICATION THEREOF	(73) Wollmann Technology Zhangjiagang Co. Ltd	(72) Harmen Klein Woolthuis (74) ir. M.B. Plaggenborg
(73) XIAMEN UNIVERSITY	(72) Hexu Sun	(51) B65B 25/02
(72) Wenting Xiong	Haiming Liu	B65B 53/02
Nuowei Zhang	Chunming Qin	(11) 1044253
Binghui Chen	Jinfeng Zhang	(47) 07.08.2023
Jinbao Zheng	(74) ir. M.B. Plaggenborg	(22) 27.01.2022
Songshou Ye	(51) B22D 17/00	(54) Werkwijze en inrichting voor het sealen van bloembollen of -knollen door middel van krimpfolie
Bingbing Chen	B22D 1/00	(73) Jansen's Overseas B.V.
Jianrong Xie	(11) 2030703	(72) Adrianus Petrus Johannes van Duin Dennis Willibrordus Jacobus van der Krogt
Lili Geng	(47) 04.08.2023	
(74) ir. M.B. Plaggenborg	(22) 25.01.2022	
(51) B01J 27/043	(54) METHOD FOR PREPARING SEMI- SOLID METAL SLURRY THROUGH	(51) B65D 47/10
(11) 2030279	PERMANENT MAGNET COMPOSITE	B65D 75/58
(47) 08.08.2023	ELECTROMAGNETIC STIRRING	(11) 2030728
(22) 23.12.2021	(73) Wollmann Technology Zhangjiagang Co. Ltd	(47) 07.08.2023
(54) GO@CD1-XZNXS POLYHEDRAL MATERIAL WITH RICH SULPHUR VACANCIES AND HIGH-INDEX FACETS AND PREPARATION METHOD OF MATERIAL	(72) Hexu Sun	(22) 26.01.2022
(73) QINGDAO UNIVERSITY OF SCIENCE AND TECHNOLOGY	Chunming Qin	(54) A COLLAPSIBLE POUCH PROVIDED WITH A PRE-ASSEMBLED CLOSURE ASSEMBLY
(72) Xiaoye Gao	Jinfeng Zhang	(73) SCHOLLE IPN IP B.V.
Caixia Song	Hongmin Xing	(72) Peter-Jan van der Molen
Dan Yang	(74) ir. M.B. Plaggenborg	(74) ir. J.C. Volmer c.s.
Shuhua Lv	(51) B41C 1/14	(51) B65D 85/804
Debao Wang	B41N 1/24	B65B 29/02
(74) ir. M.B. Plaggenborg	H05K 3/12	(11) 2030718
(31) 202110976037.8	(11) 2031709	(47) 07.08.2023
(32) 24.08.2021	(47) 08.08.2023	(22) 26.01.2022
(33) China	(22) 26.04.2022	(54) A capsule with a targeted to-remain- attached part and a targeted to-be- opened part of a sealing seam
(51) B08B 7/00	(54) HETEROGENEOUS PRINTING STENCIL	(73) Euro-Caps Holding B.V.
B23K 26/082	(73) Ziming Wu	(72) Anthony Kay
B23K 26/362	Hubei Aolinka Photoelectric Technology Co., Ltd.	(74) ir. J.C. Volmer c.s.
B23K 26/364	Hanyi Cao	(51) B65G 7/00
B23K 26/08	(72) Ziming Wu	E21B 15/00
(11) 2030738	Hanyi Cao	B66F 1/02
(47) 07.08.2023	(74) ir. M.B. Plaggenborg	(11) 2030636
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(54) Laser apparatus, method and computer program	(32) 07.02.2022	(22) 21.01.2022
(73) P-LASER N.V.	(33) China	(54) A skidding system and a method of operating the skidding system
(72) Michiel Mertens	(51) B61K 9/08	(73) IQIP Holding B.V.
(74) ir. J.C. Volmer c.s.	(11) 2030690	(72) Marius Peerdeman
(51) B21C 25/02	(47) 04.08.2023	Quintus Wilhelmus Petrus Maria Zuijdgeest
(11) 2030669	(22) 25.01.2022	(74) ir. A.R. Aalbers
(47) 03.08.2023	(54) Werkwijze en systeem voor het meten van spoorspatting van een deel van een spoorrails.	(51) B67D 7/04
(22) 24.01.2022	(73) Dual Inventive Holding B.V.	(11) 2030668
(54) EXTRUSION DEVICE AND FORMING METHOD OF HOLLOW HELICAL ROTOR PROFILE WITH INTERNAL KEYWAY	(72) Lex Josephus Maria van der Poel	(47) 03.08.2023
(73) Shandong University	(74) ir. A. Blokland c.s.	(22) 24.01.2022
(72) Mingfu Liu	(51) B63B 21/66	(54) DEVICE FOR COLLECTING OIL AND GAS EVAPORATIVE EMISSIONS
Liang Chen	B63H 9/069	(73) Zhengzhou University
Guoqun Zhao	B63B 35/16	(72) Hui Mei
Zijie Meng	B63G 8/42	Bowen Zhang
Cunsheng Zhang	B63G 8/00	Lulu Wang
(74) ir. W.J.J.M. Kempes	A01K 73/04	Rongshuo Zhang
(51) B22C 9/04	B63B 35/00	Ya'nan Fu
B22C 23/02	(11) 2030717	Rencheng Zhu
(11) 2030702	(47) 07.08.2023	Yangbing Wei
(47) 04.08.2023	(22) 26.01.2022	(74) ir. W.J.J.M. Kempes
	(54) INRICHTING VOOR HET VANGEN VAN VIS, SYSTEEM DAT GEBRUIK MAAKT VAN DE INRICHTING, WERKWIJZE VOOR HET VANGEN VAN VIS EN	

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|---|--|---|
| (51) C01B 32/184  | (74) ir. W.J.J.M. Kempes   | Jin Zhang   |
| (11) 2030712  | (51) C04B 12/04  | Yuying Tang   |
| (47) 04.08.2023   | C04B 18/04   | (74) ir. M.B. Plaggenborg   |
| (22) 25.01.2022   | C04B 28/04   | (51) C07C 5/41  |
| (54) METHOD FOR PREPARING GRAPHENE  | (11) 2030488   | C10G 45/70  |
| (73) BEIJING INSTITUTE OF TECHNOLOGY  | (47) 08.08.2023  | B01J 29/61  |
| (72) Youqi Zhu  | (22) 10.01.2022  | C07C 15/06  |
| Chuanbao Cao  | (54) MULTI-SOLID WASTE ACTIVATED CONCRETE WITH HIGH-SILICON IRON ORE TAILINGS AND PREPARATION METHOD THEREOF | (11) 2030704  |
| (74) ir. M.B. Plaggenborg   | (73) Northeastern University   | (47) 04.08.2023   |
| (51) C01F 7/02  | (72) Hao Wang  | (22) 25.01.2022   |
| C04B 30/00  | Xiaohui Li   | (54) PREPARATION METHOD AND APPLICATION OF PLATINUM-BASED N-PARAFFIN AROMATIZATION CATALYST       |
| C04B 38/00  | Xiaowei Gu   | (73) ENERGY RESEARCH INSTITUTE OF SHANDONG ACADEMY OF SCIENCES                                    |
| (11) 2030750  | Weifeng Zhang  | (72) Zhao Baofeng   |
| (47) 07.08.2023   | (74) ir. W.J.J.M. Kempes   | Di Zhu  |
| (22) 27.01.2022   | (51) C04B 24/42  | Dan Xu  |
| (54) METHOD FOR PREPARING WEAR-RESISTANT AND CORROSION-RESISTANT MATERIAL WITH METAL SURFACE BEING MODIFIED BASED ON AEROGEL STRUCTURE  | (11) 2030667   | Wang Shuyuan  |
| (73) Shandong Jiaotong University   | (47) 03.08.2023  | (74) ir. A. van der Maarl   |
| (72) Wenchao Cui  | (22) 24.01.2022  | (51) C07F 9/10  |
| (74) ir. M.B. Plaggenborg   | (54) PREPARATION AND APPLICATION OF NOVEL CONCRETE ANTI-CRACKING AND ANTI-SEEPAGE COMPOSITE ADDITIVE         | C08K 5/101  |
| (51) C01G 49/02   | (73) Qingdao University of Technology  | (11) 2030753  |
| (11) 2033030  | (72) Ning Li   | (47) 07.08.2023   |
| (47) 04.08.2023   | Xiaoying Zhang   | (22) 27.01.2022   |
| (22) 14.09.2022   | Xiangke Guo  | (54) METHOD FOR PREPARING ASPHALT REGENERANT FOR VEGETABLE OIL RESIDUES                           |
| (54) PREPARATION METHOD OF NOVEL THREE-DIMENSIONAL FERRITE FOAM WAVE-ABSORBING MATERIAL   | Penggang Wang  | (73) HARBIN INSTITUTE OF TECHNOLOGY   |
| (73) YAN'AN UNIVERSITY  | Chuansheng Xiong   | Harbin Qu'an Transportation Technology Co., Ltd.  |
| (72) Bin Shi  | Tao Sun  | (72) Decheng Feng   |
| Qing Chang  | Yong Yu  | Wenyi Zhou  |
| (74) ir. M.B. Plaggenborg   | Zuquan Jin   | Junyan Yi   |
| (51) C02F 11/06   | Xiangbo Xu   | Zhongshi Pei  |
| C02F 11/145   | Bo Pang  | Meng Xu   |
| (11) 2030744  | (74) ir. W.J.J.M. Kempes   | Dongsheng Wang  |
| (47) 07.08.2023   | (51) C05F 17/50  | (74) ir. M.B. Plaggenborg   |
| (22) 27.01.2022   | C05F 17/20   | (51) C07G 99/00   |
| (54) METHOD FOR SLUDGE DEWATERING AND CONDITIONING WITH CALCIUM PEROXIDE  | C05F 17/60   | C08H 99/00  |
| (73) Tongji University  | (11) 2030681   | C08H 7/00   |
| (72) Xiaohu Dai   | (47) 04.08.2023  | (11) 2030790  |
| Xiaoli Chai   | (22) 25.01.2022  | (47) 08.08.2023   |
| Ke Ding   | (54) PROCESS TO BACTERIALLY DECOMPOSE ORGANIC WASTE MATERIAL   | (22) 31.01.2022   |
| Boran Wu  | (73) ECO-HABITAT B.V.  | (54) EXTRACTING SOLUTION FOR WATER-SOLUBLE HUMATE IN WEATHERED COAL AND EXTRACTING METHOD THEREOF |
| Xiuzhong Wang   | (72) Eduard Johannes Christoffel Wielinga  | (73) Shandong Academy of Agricultural Sciences  |
| Zheng Zhou  | Servan Kreher  | (72) Yang Liu   |
| Hao Wang  | (74) ir. M. Cramwinckel  | Haitao Lin  |
| (74) ir. W.J.J.M. Kempes  | (51) C05G 3/00   | Wenjing Fan   |
| (51) C02F 11/14   | C05G 3/40  | Yuwen Shen  |
| (11) 2030723  | C05G 5/12  | Xiaozong Song   |
| (47) 07.08.2023   | C05G 5/30  | Ping Liu  |
| (22) 26.01.2022   | (11) 2030771   | (74) ir. M.B. Plaggenborg   |
| (54) MAYENITE/SULFOALUMINATE BINDER FOR DEWATERING AND SOLIDIFICATION/STABILIZATION OF SEWAGE SLUDGE WITH HIGH ORGANIC CONTENT AND PREPARATION METHOD AND APPLICATION THEREOF | (47) 08.08.2023  | (51) C08B 15/02   |
| (73) Tongji University  | (22) 28.01.2022  | C08B 31/18  |
| (72) Boran Wu   | (54) CONTROLLED-RELEASE FERTILIZER APPLIED TO PADDY FIELD AND PREPARATION METHOD THEREOF                     | (11) 2030671  |
| Danhui Xin  | (73) ZHEJIANG UNIVERSITY OF SCIENCE AND TECHNOLOGY   | (47) 04.08.2023   |
| Xiaoli Chai   | (72) Hao Wang  | (22) 24.01.2022   |
| Linlin Hou  | Lingxia Chen   | (54) A production process for dialdehyde carbohydrates  |
|   | Shengdao Shan  | (73) Rodenburg Productie B.V.   |
|   | Jianju Zhou  | (72) Tobias Graßl   |
|   | Changai Zhang  | Ronny Davidse   |

- Philippe Elisabeth M. Willems  
Thijs Rodenburg  
Linda Heesch  
Joost Rodenburg  
Rieke Neuber  
Simon de Die  
(74) dr. R.C. van Duijvenbode c.s.
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- (51) C08F 220/34  
C08G 83/00  
C02F 1/56  
C02F 1/52  
B01D 21/01  
C08F 220/56  
C08F 230/08  
(11) 2030794  
(47) 08.08.2023  
(22) 31.01.2022  
(54) PREPARATION METHOD AND APPLICATION OF ORGANIC-INORGANIC COVALENT BOND COMPOSITE COAGULANT FOR STRENGTHENING COAGULATION  
(73) Anhui University of Technology  
(72) Yong Nie  
Rui Zhang  
Jiangya Ma  
Lei Ding  
Huiwen Zhang  
Yanli Kong  
(74) ir. M.B. Plaggenborg
- 
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C09D 175/08  
C09D 163/02  
C08G 18/48  
C08G 18/66  
C08G 18/34  
C09D 5/18  
C09D 7/62  
C09D 7/65  
D06N 3/14  
(11) 2030773  
(47) 08.08.2023  
(22) 28.01.2022  
(54) METHOD FOR PREPARING POWDERABLE SELF-HEALING FLAME-RETARDANT LOW-VOC POLYURETHANE COATING AND APPLICATION IN CAR SEAT LEATHER  
(73) YANTAI UNIVERSITY  
(72) Lianxiang Feng  
Guorong Li  
Lecheng Hu  
Yonggen Weng  
Zhihai Tang  
Han Yu  
Xiangmin Wang  
Lulu Gu  
Quanjie Wang  
Baorong Duan  
(74) ir. M.B. Plaggenborg
- 
- (51) C08G 65/28  
C10G 33/04  
(11) 2030766  
(47) 08.08.2023  
(22) 28.01.2022  
(54) BROAD-SPECTRUM POLYETHER CRUDE OIL DEMULSIFIER AND PREPARATION METHOD THEREOF
- (73) Fushun Taimiao Chemical Technology Co., Ltd.  
(72) Lili Wang  
Zi'ang Wang  
Mengyao Ma  
Hongguo Wang  
(74) ir. M.B. Plaggenborg
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C08J 3/22  
C08K 3/04  
C08L 7/00  
C08L 9/06  
(11) 2033781  
(47) 04.08.2023  
(22) 21.12.2022  
(54) METHOD OF ENHANCING CARBON PRODUCT PERFORMANCE IN ELASTOMERS  
(73) Beyond Lotus LLC  
(72) Michael Beaulieu  
Frederick H. Rumpf  
Michael Zhang  
Jincheng Xiong  
Michael D. Morris  
(74) ir. H.A. Witmans c.s.  
(31) 63/292,049  
(32) 21.12.2021  
(33) United States of America
- 
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C09D 5/00  
(11) 2027497  
(47) 04.08.2023  
(22) 04.02.2021  
(54) Formula and Preparation Method of Clean Flavor Ecological Interior Wall Paint  
(73) Lishui Hongfan Building Material Co., Ltd.  
(72) Xiaoxiong Zhu  
(74) drs. C.M.A. Quintelier  
(31) 202011597890.0  
(32) 30.12.2020  
(33) China
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C09D 5/14  
C09D 5/36  
C09D 7/61  
C09D 7/63  
(11) 2030722  
(47) 07.08.2023  
(22) 26.01.2022  
(54) MULTI-FUNCTIONAL INTERIOR WALL ART PAINT WITH FORMALDEHYDE REMOVAL, MOSQUITO REPELLENCE, AND NEGATIVE ION RELEASE  
(73) Hunan Guocai New Material Co., Ltd.  
(72) Heng Liu  
Liyong Chen  
Boping Liu  
Wei Chen  
Yuanqiu Jiang  
Lindao He  
(74) ir. W.J.J.M. Kempes
- 
- (51) C09D 5/29  
C09D 133/04  
(11) 2030724  
(47) 07.08.2023  
(22) 26.01.2022
- (54) REFLECTIVE HEAT-INSULATING WATER-IN-WATER MULTICOLOR PAINT  
(73) Shanghai Lvtedan Thermal Insulation Engineering Co.,Ltd.  
(72) Zhifei Wang  
(74) ir. W.J.J.M. Kempes
- 
- (51) C09K 11/58  
G01N 21/64  
(11) 2030741  
(47) 07.08.2023  
(22) 27.01.2022  
(54) FLUORESCENCE TEST REAGENT, PREPARATION METHOD AND PROTAMINE OR HEPARIN TEST METHOD  
(73) Jilin University  
(72) Shiyong Teng  
Zhenzhen Huang  
Min Wang  
Yue Li  
Bohui Duan  
(74) ir. W.J.J.M. Kempes
- 
- (51) C09K 21/08  
E21F 5/08  
C09K 21/02  
(11) 2030749  
(47) 07.08.2023  
(22) 27.01.2022  
(54) PHASE-CHANGE MATERIAL THERMO-SENSITIVE COATING, COMPOSITE INHIBITOR AND PREPARATION METHOD THEREOF  
(73) Taiyuan University of Technology  
(72) Yijun Jia  
Yifan Jia  
Maolin Jia  
Chuanbo Cui  
Shuguang Jiang  
Cunbao Deng  
Zhiqiang Song  
Jianping Lei  
(74) ir. W.J.J.M. Kempes
- 
- (51) C10B 57/00  
C10G 1/00  
B01J 19/08  
C10L 1/02  
C10L 1/04  
C10B 53/02  
(11) 2030697  
(47) 04.08.2023  
(22) 25.01.2022  
(54) METHOD AND DEVICE FOR ENHANCING HEAT CONVERSION AND UTILIZATION OF BIOMASS VIA MAGNETIC FIELD  
(73) ENERGY RESEARCH INSTITUTE OF SHANDONG ACADEMY OF SCIENCES  
(72) Ren Wei  
Sun Laizhi  
Guan Haibin  
Zhu Di  
Yang Shuangxia  
Wang Jingwei  
Chen Lei  
Huajian Yang  
Xu Dan  
Zhao Baofeng

(74) ir. A. van der Maarl	C12Q 1/6876	(22) 25.01.2022
(51) C10B 57/02	(11) 2033384	(54) PRESERVATIVE FOR SUBSEA PIPELINE PIGGING PRESSURE TEST AND SEALING AND PRODUCTION METHOD THEREOF
C01B 32/318	(47) 08.08.2023	(73) Shenyang Zhongke Engineering Center for Corrosion Control Co., Ltd.
C10B 49/04	(22) 24.10.2022	(72) Yingjian Zhu
(11) 2033276	(54) miRNA MARKER ASSOCIATED WITH PROLIFERATION OF DERMAL PAPILLA CELLS (DPCs) OF Hu SHEEP, AND DETECTION PRIMER AND USE THEREOF	Fengming Yu
(47) 08.08.2023	(73) Yangzhou University	(74) ir. W.J.J.M. Kempes
(22) 11.10.2022	(72) Wei Sun	(51) C25B 11/091
(54) PROCESS TO CONTINUOUSLY PREPARE A CHAR PRODUCT	Tingyan Hu	C25B 11/031
(73) TORRGAS TECHNOLOGY B.V.	Yue Li	C25B 11/054
(72) Robert Hugo Berends	Weihao Chen	(11) 2030278
(74) ir. M. Cramwinckel	Xiaoyang Lv	(47) 08.08.2023
(51) C10M 103/06	Sainan Huang	(22) 23.12.2021
C10M 177/00	(74) ir. M.B. Plaggenborg	(54) N-GO@CO-NI12P5-NI3P/NCF COMPOSITE ELECTRODE MATERIAL AND PREPARATION METHOD THEREOF
(11) 2033012	(31) 202111239185.8	(73) QINGDAO UNIVERSITY OF SCIENCE AND TECHNOLOGY
(47) 04.08.2023	(32) 25.10.2021	(72) Caixia Song
(22) 13.09.2022	(33) China	Debao Wang
(54) METHOD FOR PREPARING HIGH-TEMPERATURE LUBRICANT FOR STEEL FORMING BY TAKING BLAST FURNACE SLAG AS RAW MATERIAL	(51) C12P 21/06	Miaomiao Xing
(73) Northwestern Polytechnical University	A23L 33/18	Yanhong Zhou
(72) Shaogang Cui	C07K 14/435	(74) ir. M.B. Plaggenborg
Daheng Wu	(11) 2030682	(31) 202110977450.6
Pei Wang	(47) 04.08.2023	(32) 24.08.2021
Ti'ao Kai	(22) 25.01.2022	(33) China
Long Wang	(54) PREPARATION METHOD FOR SEA CUCUMBER INTESTINE OSTOSIS PROMOTING PEPTIDE AND APPLICATION THEREOF	(51) E02D 29/045
Guojuan Hai	(73) SHANDONG HAODANGJIA MARINE DEVELOPMENT CO., LTD.	E01F 5/00
Haifeng Wang	QINGDAO INSTITUTE OF MARINE BIORESOURCES FOR NUTRITION AND HEALTH INNOVATION	(11) 2030760
(74) ir. M.B. Plaggenborg	OCEAN UNIVERSITY OF CHINA	(47) 08.08.2023
(31) 202111083045.6	(72) Yingying Tian	(22) 28.01.2022
(32) 15.09.2021	Changhu Xue	(54) TWEEDELIG EIND-ELEMENT VOOR BETONNEN KOKERVORMIGE CONSTRUCTIE
(33) China	Hao Yue	(73) Romein Beton B.V.
(51) C12G 3/02	Yongjun Sun	(72) Petrus Adrianus Maria van der Heijden
(11) 2030701	Jingfeng Wang	(74) dr. ir. G.J.C. Verdijck c.s.
(47) 04.08.2023	Wei Hu	(51) E04F 15/02
(22) 25.01.2022	(74) ir. W.J.J.M. Kempes	B32B 3/26
(54) METHOD FOR PREPARING TEA WINE BY ENZYMIC HYDROLYSIS OF TEA STALKS WITH BIO-ENZYMES	(51) C12Q 1/04	E04F 13/18
(73) TEA RESEARCH INSTITUTE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES	G01N 15/14	E04F 13/08
(72) Chun Zou	G01N 1/30	E04F 15/10
Yongquan Xu	(11) 2033664	(11) 2030694
Junfeng Yin	(47) 08.08.2023	(47) 04.08.2023
Jianxin Chen	(22) 05.12.2022	(22) 25.01.2022
(74) ir. M.B. Plaggenborg	(54) QUICK DETECTION METHOD FOR POLLEN VIABILITY OF PAEONIA DELAVAYI	(54) Decorative panel, decorative covering, method and system for producing such a panel
(83) M2017624	(73) Southwest Forestry University	(73) NORTHANN BUILDING SOLUTIONS LLC
25.10.2017	(72) Jing Song	(72) Lin Li
China Center for Type Culture Collection (CCTCC)	Yue Pan	(74) ir. H.Th. van den Heuvel c.s.
College of Life Sciences, Wuhan University, Wuhan 430072, China	Pengyuan Zhang	(51) E04H 12/08
(51) C12N 1/20	Yan Pu	E02B 17/02
C12N 1/16	Chun Du	E04H 12/34
(11) 2033571	Huailei Ping	G01S 17/89
(47) 07.08.2023	Juan Wang	E02B 17/00
(22) 18.11.2022	(74) ir. M.B. Plaggenborg	(11) 2030640
(54) Biological Pulping Compound Enzyme Formula and Its Preparation Method	(31) 202111478614.7	(47) 03.08.2023
(73) Hong Kong Morning Star International Holding Limited	(32) 06.12.2021	(22) 21.01.2022
(72) Shu-Quan Li	(33) China	(54) Method for fitting a construction element over a foundation pile and foundation pile provided with such construction element.
Tzung-Shen Lai	(51) C23F 11/08	(73) Sif Holding N.V.
(74) dr. A.V. Huygens	C02F 5/14	
(51) C12N 15/113	(11) 2030683	
	(47) 04.08.2023	

(72) Michel Antoin Marie Kurstjens	(73) Qingdao University of Technology	Jianjun Wu
(74) ir. H.A. Witmans c.s.	(72) Keming Sun	Xinfu Liu
(51) E06B 9/56	Wei Wang	Xiaoning Chen
E06B 9/42	Qingsheng Zheng	Chao Zhou
E06B 9/78	Shucui Zhang	(74) ir. M.B. Plaggenborg
E06B 9/90	Kai Li	(51) F16M 11/18
(11) 2033300	Xingang Zhang	F16M 11/42
(47) 04.08.2023	(74) ir. M.B. Plaggenborg	F16M 11/30
(22) 13.10.2022	(51) E21C 37/12	H01L 41/00
(54) ROLL-UP CONTROL DEVICE FOR	(11) 2030677	F16M 11/04
ROLLER SHADE	(47) 04.08.2023	(11) 2030678
(73) Chih-Yung Wang	(22) 24.01.2022	(47) 04.08.2023
(72) Chih-Yung Wang	(54) MULTI-PULSE GAS EXPLOSION	(22) 25.01.2022
(74) dr. R.C. van Duijvenbode c.s.	PRE-SPLITTING DEVICE FOR COAL	(54) Systeem voor het positioneren van een
(51) E06B 9/60	MINING	plat beeldscherm
E06B 9/90	(73) Qingdao University of Technology	(73) Vogel's IP B.V.
E06B 9/42	(72) Liwei Xin	(72) Remco Johannes Poelstra
E06B 9/50	Keming Sun	Paul Robbert Grolle
(11) 2032989	Qingsheng Zheng	(74) ir. A. Blokland c.s.
(47) 04.08.2023	Wei Wang	(51) F24D 10/00
(22) 09.09.2022	Shucui Zhang	F24T 10/10
(54) POWER AUXILIARY DEVICE FOR	Kai Li	(11) 2030643
SMALL-SIZED ROLLER SHADE	(74) ir. M.B. Plaggenborg	(47) 03.08.2023
(73) Chih-Yung Wang	(51) F03D 3/06	(22) 21.01.2022
(72) Chih-Yung Wang	F03D 9/25	(54) GESLOTEN
(74) dr. R.C. van Duijvenbode c.s.	(11) 2030791	BODEMENERGIESYSTEEMCONFIGURATIE
(51) E06B 11/04	(47) 08.08.2023	VOOR VERWARMEN/KOELEN
E05F 15/635	(22) 31.01.2022	VAN MEERDERE GEBOUWEN OF
(11) 2030633	(54) A vertical axis turbine and use of a	GEBOUWDELEN EN GEBRUIK
(47) 03.08.2023	turbine	(73) Uiteigenbodem B.V.
(22) 21.01.2022	(73) Pablo Cabildo Fajardo	(72) Dino Gaya Walters
(54) AANDRIJVINGSMODULE VOOR	(72) Pablo Cabildo Fajardo	(74) ir. J.H. de Hoog
EEN POORT, EEN POORT	(74) ir. H.A. Witmans c.s.	(51) G01C 21/16
EN HEKWERK VOORZIEN	(51) F03G 3/08	G01C 21/20
DAARVAN, EN WERKWIJZEN VOOR	(11) 2030734	(11) 2030652
HET VERSCHAFFEN VAN EEN	(47) 07.08.2023	(47) 03.08.2023
DERGELIJKE AANDRIJVING EN	(22) 27.01.2022	(22) 21.01.2022
POORT	(54) ENERGIESAMENSTEL	(54) ANGULAR ACCELERATION
(73) Esedco Beheer B.V.	(73) Stichting PatentNed	ESTIMATION METHOD BASED ON
(72) Edward Wouter Hoog Antink	(72) Marinus Willem van de Glind	KALMAN FILTERING
(74) dr. ir. G.J.C. Verdijk c.s.	(74) ir. J.H. de Hoog	(73) BEIHANG UNIVERSITY
(51) E21B 43/24	(51) F04B 47/00	(72) Peng Tang
E21B 49/00	(11) 2030653	Xiaowei Dang
(11) 2030575	(47) 03.08.2023	Shuna Liu
(47) 08.08.2023	(22) 21.01.2022	Chen Zheng
(22) 17.01.2022	(54) LOW-SUBMERGENCE COAL-DUST	(74) ir. M.B. Plaggenborg
(54) SIMULATION EXPERIMENT DEVICE	RESISTANT DRAINAGE AND GAS	(51) G01F 1/00
FOR ROCK FORMATION FRACTURING	PRODUCTION PUMP FOR COAL-BED	E21B 37/06
UNDER HIGH TEMPERATURE	METHANE WELL	(11) 2030676
CONDITIONS	(73) Qingdao University of Technology	(47) 03.08.2023
(73) China University of Petroleum (East	(72) Xinfu Liu	(22) 24.01.2022
China)	Chao Zhou	(54) DEVICE FOR IMPROVING COAL
(72) Peng Jia	Bo Li	BED PERMEABILITY BY USING
Feng Sun	Guoqiang Liu	SUPERCRITICAL CO2
Qing Dong	Jianjun Wu	(73) Qingdao University of Technology
Shifeng Xue	Hongming He	(72) Wei Wang
Bingbing Zhao	(74) ir. M.B. Plaggenborg	Di Wu
Wei Huang	(51) F04B 47/00	Keming Sun
(74) ir. M.B. Plaggenborg	(11) 2030654	Kai Li
(51) E21B 49/00	(47) 03.08.2023	Shucui Zhang
E21B 43/26	(22) 21.01.2022	Qingsheng Zheng
(11) 2030675	(54) HORIZONTAL WELL SELF-CENTERING	(74) ir. M.B. Plaggenborg
(47) 04.08.2023	MOVABLE PLUG TYPE CONE VALVE	(51) G01M 15/09
(22) 24.01.2022	PUMP	(11) 2033130
(54) TRIAXIAL MULTI-CRACK HYDRAULIC	(73) Qingdao University of Technology	(47) 04.08.2023
FRACTURING EXPERIMENTAL	(72) Youqiang Wang	(22) 26.09.2022
DEVICE	Bangting Yu	

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(73) Harbin Engineering University	(73) Technische Universiteit Delft	(11) 2030795
(72) Bin Zhao	(72) Sabina Caneva	(47) 08.08.2023
Jiahao Shi	(74) dr. A. Ellens c.s.	(22) 31.01.2022
Rui Chen	(31) 2030638	(54) Method for building a user interface
Sheng Lv	(32) 21.01.2022	(73) Lely Patent N.V.
Zhigang Liu	(33) Netherlands	(72) Johannes Jacobs
Huaiqian Guo	(51) G01P 5/22	Maria Lucia Elizabeth Boots
Bowen Jiao	G01F 1/712	(74) ir. M.J.F.M. Corten
Hanzhang Xu	G01N 15/02	(51) G06F 9/50
(74) dr. R.C. van Duijvenbode c.s.	G01B 9/02091	G06N 3/045
(51) G01N 21/64	(11) 2030797	G06N 3/082
G01N 33/487	(47) 08.08.2023	H04L 41/14
G01N 33/58	(22) 31.01.2022	H04L 41/0823
G01N 33/68	(54) Scanning OCT off-wall particle sizing	H04L 41/16
(11) 2030638	(73) Technische Universiteit Delft	H04L 41/147
(47) 03.08.2023	(72) Jeroen Kalkman	H04L 65/80
(22) 21.01.2022	Konstantine Cheishvili	H04L 41/5019
(54) Method for measuring a protein	(74) dr. A. Ellens c.s.	(11) 2030226
(73) Technische Universiteit Delft	(51) G02B 6/10	(47) 04.08.2023
(72) Sabina Caneva	B29C 70/70	(22) 22.12.2021
(74) dr. A. Ellens c.s.	(11) 2030672	(54) METHODS, SYSTEMS, ARTICLES OF MANUFACTURE AND APPARATUS TO OPTIMIZE RESOURCES IN EDGE NETWORKS
(51) G01N 31/12	(47) 04.08.2023	(73) Intel Corporation
G01N 21/3518	(22) 24.01.2022	(72) Juan Pablo Munoz
(11) 2030689	(54) OPTICAL WAVEGUIDE COMPOSITE MATERIAL AND MANUFACTURING METHOD THEREOF	Rajesh Poornachandran
(47) 04.08.2023	(73) XI'AN GAOQIANG INSULATION ELECTRIC CO.,LTD	Ravishankar Iyer
(22) 25.01.2022	(72) Di Liu	Jesus Adan Cruz Vargas
(54) ANALYSIS METHOD FOR ONLINE MONITORING OF BIOMASS BLENDED-COMBUSTION RATIO BASED ON STABLE CARBON ISOTOPES	Baoying Zhang	Omesh Tickoo
(73) ENERGY RESEARCH INSTITUTE OF SHANDONG ACADEMY OF SCIENCES	(74) ir. M.B. Plaggenborg	Jose Rodrigo Camacho Perez
(72) Xiangyu Feng	(51) G02C 5/04	Hector Cordourier Maruri
Di Zhu	G02C 9/00	Paulo Lopez Meyer
Zhe Shi	G02C 5/20	Chaunte Laceywell
Shuyuan Wang	(11) 1044252	Eriko Nurvitadhi
Haibin Guan	(47) 07.08.2023	Vui Seng Chua
Yu Peng	(22) 27.01.2022	Anahita Bhiwandiwalla
Dan Xu	(54) Verstelbaar brilmontuur	Vikram Saletore
Zhao Baofeng	(73) Josephus Hendrikus Anna Goessens	Sejun Kim
(74) ir. A. van der Maarl	(72) Josephus Hendrikus Anna Goessens	Julio Cesar Zamora Esquivel
(51) G01N 33/18	(51) G05D 23/19	Yash Akhauri
(11) 2033426	B64F 5/60	Nilesh Jain
(47) 08.08.2023	G01D 5/353	(74) dr. A. Krebs
(22) 31.10.2022	(11) 2034175	(31) 63/130,508
(54) REAL-TIME WATER QUALITY MONITORING DEVICE OF WATER PURIFIER	(47) 07.08.2023	PCT/US21/39222
(73) Jiangxi Wotai Environmental Protection Technology Co., Ltd.	(22) 16.02.2023	(32) 24.12.2020
(72) Junfang Jin	(54) SPLIT TEMPERATURE CONTROL SYSTEM AND METHOD FOR MODEMS FOR GROUND TESTING OF ROTORCRAFT SYSTEMS	25.06.2021
Xugang Wang	(73) NORTHWESTERN POLYTECHNICAL UNIVERSITY	(33) United States of America
Xiaoshuai Wang	(72) Guisen Luo	United States of America
(74) ir. M.B. Plaggenborg	Yongjie Zhang	(51) G06F 18/214
(31) 202111326791.3	(74) ir. M.B. Plaggenborg	G06F 18/2431
(32) 10.11.2021	(31) 202211606181.3	(11) 2030725
(33) China	(32) 12.12.2022	(47) 07.08.2023
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G01N 33/68	(51) G06F 5/10	(54) COMPUTER-IMPLEMENTED NOISE-RESISTANT ON-LINE MULTI-CLASSIFICATION KERNEL LEARNING ALGORITHM
G01N 21/64	(11) 2030739	(73) China University of Petroleum (East China)
G01N 33/58	(47) 07.08.2023	(72) Yaxuan Ma
(11) 2030821	(22) 27.01.2022	Xiao Gu
(47) 03.08.2023	(54) FIFO DATA BUFFER WITH MULTI-LOAD	Shengjun Zheng
(22) 04.02.2022	(73) Microsoft Technology Licensing, LLC	Ling Jian
	(72) Amiram Hochman	(74) ir. W.J.J.M. Kempes
	(74) ir. J.C. Volmer c.s.	(51) G06F 18/2415
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(11) 2030745	(47) 08.08.2023	(54) PAYMENT LABEL FOR PARKING LOT AND METHOD FOR PAYING FOR PARKING
(47) 07.08.2023	(22) 31.01.2022	(73) SOUTH CHINA UNIVERSITY OF TECHNOLOGY
(22) 27.01.2022	(54) method and device for associating sets of cardiovascular data	Dongguan Yonghuahao Information Technology Co., Ltd.
(54) COMPUTER SYSTEM FOR SALIENCY DETECTION OF RGBD IMAGES BASED ON INTERACTIVE FEATURE FUSION	(73) Medis Associated B.V.	(72) Linjuan Yan
(73) Shanghai University of Engineering Science	(72) Hua Ma	Guangxue Chen
(72) Zhijun Fang	Pieter Hendrik Kitslaar	Linyi Chen
Xiaoli Zhao	Johannes Petrus Janssen	(74) ir. M.B. Plaggenborg
Zhuorao Zhang	Johan Hendrikus Christiaan Reiber	(51) G16H 40/20
Zheng Chen	(74) ir. H.A. Witmans c.s.	(11) 2030693
(74) ir. W.J.J.M. Kempes	(51) G07B 15/02	(47) 04.08.2023
(51) G06F 21/55	(11) 2030776	(22) 25.01.2022
G06F 21/57	(47) 08.08.2023	(54) Computer implemented method for providing a case mix schedule
H04L 9/40	(22) 28.01.2022	(73) DEO N.V.
H04W 12/122	(54) Method of, and system for, effortless check-in for a transaction-based transportation vehicle.	(72) Jeroen Willem Rita Dille
(11) 2032846	(73) Mobyyou B.V.	Niels Festjens
(47) 04.08.2023	(72) Petrus Joannes Wilhelmus van Herp	Clara Balust Martinez
(22) 24.08.2022	Jeroen Pietryga	(74) dr. ir. G.J.C. Verdijck c.s.
(54) RE-TRAINING INTRUSION DETECTION FINGERPRINTS IN THE PRESENCE OF AN ATTACKER	Arno Adriaan Evert Rood	(51) H01J 37/244
(73) Intel Corporation	(74) ir. A. Blokland c.s.	H01J 37/28
(72) Vuk Lesi	(51) G07F 17/26	(11) 2033047
Qian Wang	G07F 19/00	(47) 04.08.2023
Manoj Sastry	(11) 2030779	(22) 15.09.2022
Shabbir Ahmed	(47) 08.08.2023	(54) Method for operating a multi-beam particle microscope in a contrast operating mode with defocused beam guiding, computer program product and multi-beam particle microscope
Marcio Juliato	(22) 28.01.2022	(73) Carl Zeiss MultiSEM GmbH
(74) dr. A. Krebs	(54) RECEIPT PRINTING DEVICE BASED ON BIG DATA	(72) Stefan Schubert
(31) 17/484,689	(73) ZHEJIANG JIANLIN ELECTRONIC Co.,LTD	(74) ir. H.A. Witmans c.s.
(32) 24.09.2021	(72) Ying Jin	(31) 10 2021 124 099.9
(33) United States of America	Yaqun Wang	(32) 17.09.2021
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(11) 2030666	(22) 28.01.2022	(54) TRANSFORMER VOLTAGE REGULATING DEVICE BASED ON POWER ELECTRONIC TECHNOLOGY
(47) 03.08.2023	(54) INTELLIGENT SERVICE TERMINAL	(73) Hong Tang
(22) 24.01.2022	(73) ZHEJIANG JIANLIN ELECTRONIC Co.,LTD	(72) Nana Song
(54) INDUSTRIAL AUTOMATIC INTELLIGENT MANUFACTURING SYSTEM BASED ON BLOCKCHAIN TECHNOLOGY	(72) Jianjun Zhou	Shaoju Wang
(73) Anhui YoChant Network & Technology Co., Ltd	Ying Jin	Shuchao Wang
(72) Haijun Ren	Yaqun Wang	Qishun Zhang
(74) ir. W.J.J.M. Kempes	(74) ir. M.B. Plaggenborg	Hong Tang
(51) G06Q 40/08	(51) G09B 9/06	Xinhong Zhang
(11) 2033995	(11) 2033680	Zhiyin Sun
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(22) 20.01.2023	(22) 07.12.2022	(74) ir. M.B. Plaggenborg
(54) COMPUTER IMPLEMENTED METHOD FOR INSURANCE UNDERWRITING	(54) BEELDCREËRENDE SIMULATOR, INRICHTING, SYSTEEM EN SIMULATIEWERKWIJZE VOOR EEN OEFENING AAN EEN LEIDINGSYSTEEM	(51) H02P 29/00
(73) Allianz Benelux NV	(73) Rheinmetall Electronics GmbH	H02H 3/05
(72) Nicolas Te	(72) Sven Andresen	H02H 7/08
Salim Jouili	Karen Rippert	(11) 2030720
Christopher Grumiau	(74) dr. R.C. van Duijvenbode c.s.	(47) 07.08.2023
Amit Sethia Jain	(31) 102021132351.7	(22) 26.01.2022
Jan Doumen	(32) 08.12.2021	(54) METHOD FOR IMPLEMENTING DOUBLE-PATH TWO-IN-ONE HIGH-POWER SERVO DRIVER
Sudaman Thoppan Mohanchandralal	(33) Germany	(73) JINAN KEYA ELECTRON AND TECHNOLOGY ., LTD
(74) dr. E.M.F. Eulaers	(51) G09F 7/00	(72) Hongxing Wu
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Zhongjian Li  
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H01L 23/66

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(47) 08.08.2023

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(54) Compact Doherty amplifier having  
improved video bandwidth

(73) Ampleon Netherlands B.V.

(72) Daniel Maassen

(74) dr. ir. G.J.C. Verdijck c.s.

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(51) H04M 1/02

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(11) 2030635

(47) 03.08.2023

(22) 21.01.2022

(54) COMPUTING DEVICE HINGE  
ASSEMBLY

(73) Microsoft Technology Licensing, LLC

(72) Prasad Raghavendra

Denys V. Yaremenko

(74) ir. J.C. Volmer c.s.

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**NP3**

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..  
Contains data concerning Netherlands patents which have been entered in the patent  
register (after limitation procedure) under the Patents Act 1995.**

**EP1**

**Vertaalde conclusies van Europese octrooiaanvragen.**

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C07D 263/18	(73) Initiator Pharma A/S	(31) 20190028720
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(54) METHOD OF FORMING WIND TURBINE ROTOR BLADE ROOT PORTIONS	(33) Italy (51) B29D 30/00 B29C 31/04 B26D 1/24 B26D 5/00 B29B 7/60 B29B 7/72 B29B 7/74 B29C 48/285 B29C 48/68 B29C 48/92	(33) Italy (51) B32B 3/06 B32B 27/30 B32B 27/20 B32B 27/22 E04F 15/10 E04F 13/08 E04F 13/18 E04F 15/02 (11) EP3774320 (21) EP19715129.3 (47) 09.08.2023 (87) EP2019058930 17.10.2019 (22) 09.04.2019 (54) FLOOR OR WALL COVERING PANEL WITH RIGID COMPOSITE CORE LAYER
(73) General Electric Company		(73) Tarkett GDL
(72) SERUNTINE, Nicholas, Michael BLANC, Michael CARMICHAEL, Matthew BROOME, Peter BEHMER, Harald HAYDEN, Paul	(11) EP4045297 (21) EP20799847.7 (47) 09.08.2023 (87) IT2020050251 22.04.2021 (22) 08.10.2020 (54) FEEDING DEVICE AND METHOD FOR FEEDING A CONTINUOUS ELONGATED ELEMENT	(72) GOURDIN, Diego BOQUILLON, Nicolas BLADH, Jonas COQUELLE, Mathieu (31) 100764 (32) 10.04.2018 (33) Luxembourg
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(72) LANPHERE GROSS, Gwen Marie SONG, Weidong EVANS, Paul D. METSCHAN, Stephen L. ZAYAS, Nicholas J. GALLO, Gerard J. LANGABEER, Jamie J. OSBORNE, Max M. YAP, Hugh A. PHILLIPS, Richard V. MCBAIN, Jason J. OLBERG, Jeffrey H.	(72) MONTEROSSO, Antonio (31) 201900019046 (32) 16.10.2019 (33) Italy (51) B29D 30/00 B29D 30/26 (11) EP3240676 (21) EP15862141.7 (47) 09.08.2023 (87) IB2015058916 07.07.2016 (22) 18.11.2015 (54) PROCESS AND PLANT FOR BUILDING TYRES FOR VEHICLE WHEELS	(72) MÄLKÖNEN, Jukka
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(72) MAMELI, Alberto	B32B 7/12	H01L 21/18
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B29C 70/54	BÜTTNER, Stefan	B32B 27/06
B29B 15/12	TEUBENBACHER, Jasmin	B32B 27/30
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COMPRISING A THREE-DIMENSIONAL	(73) Signify Holding B.V.	(72) SIEBER, Ingo
SHAPED ARTICLE SHAPING STAGE,	(72) HIKMET, Rifat, Ata, Mustafa	UNGERER, Martin
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C21D 9/02	(54) DEVICE FOR HANDLING PRINTING	(47) 09.08.2023
H02K 1/02	PLATES ON A PRINTING MACHINE	(22) 06.06.2018
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H01F 3/08	(72) Ronellenfitsch, Felix	EJECTION APPARATUS
B22F 10/28	Hupe, Robert	(73) CANON KABUSHIKI KAISHA
B22F 10/364	Demir, Suat	(72) NAKAGAWA, Yoshiyuki
B22F 10/38	Möhringer, Markus	NAKAKUBO, Toru
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(73) General Electric Company	Demir, Suat	B41J 2/125
(72) JOHNSON, Francis	Möhringer, Markus	B41J 2/165
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F21V 1/00	B05B 7/24	(73) HEWLETT-PACKARD DEVELOPMENT
B29C 48/05	B05B 1/08	COMPANY, L.P.

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(51) B60H 1/00 G08G 1/0967 (11) EP3632723 (21) EP19200254.1 (47) 09.08.2023 (22) 27.09.2019	(51) B60K 1/00 B60K 11/02 (11) EP3659841 (21) EP19211011.2 (47) 09.08.2023 (22) 22.11.2019 (54) AXLE ASSEMBLY HAVING AN ELECTRIC MOTOR MODULE AND METHOD OF ASSEMBLY (73) ArvinMeritor Technology, LLC (72) RAYA, Dhanapal SMITH, Mark	(51) B60K 6/383 B60K 17/02 B60K 17/22 B60K 1/02 F16H 3/44 B60K 6/28 (11) EP4070978 (21) EP22171713.5 (47) 09.08.2023 (22) 01.11.2017 (54) TRANSMISSION MOUNTED ELECTRICAL CHARGING SYSTEM WITH ENGINE OFF COASTING AND DUAL MODE HVAC (73) Eaton Intelligent Power Limited (72) Stoltz, Thomas J. (31) 201662415677 P (32) 01.11.2016 (33) United States of America
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	(51) B60K 1/00 B60K 11/02 (11) EP3659841 (21) EP19211011.2 (47) 09.08.2023 (22) 22.11.2019 (54) AXLE ASSEMBLY HAVING AN ELECTRIC MOTOR MODULE AND METHOD OF ASSEMBLY (73) ArvinMeritor Technology, LLC (72) RAYA, Dhanapal SMITH, Mark	(51) B60K 6/387 B60K 6/442 B60K 6/36 (11) EP3713786 (21) EP18800846.0 (47) 09.08.2023 (87) DE2018100865 31.05.2019 (22) 23.10.2018 (54) HYBRID POWERTRAIN WITH TWO ELECTRIC MACHINES AND AN INTERNAL COMBUSTION ENGINE (73) Schaeffler Technologies AG & Co. KG (72) TRINKENSCHUH, Andreas LEHMANN, Steffen (31) 102017127695

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(33) Germany	(33) Germany	(73) Dr. Ing. h.c. F. Porsche AG
(51) B60K 6/445	(51) B60K 35/00	(72) Götz, Stefan
B60K 6/365	B60W 50/08	Gross, Manuel
B60K 6/387	B60W 50/14	(31) 102017110703
B60K 17/28	(11) EP3967566	(32) 17.05.2017
F16H 3/72	(21) EP21777610.3	(33) Germany
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(47) 09.08.2023	(22) 21.06.2021	(21) EP20194110.1
(87) AT2019060114	(54) METHOD FOR DISPLAYING A VEHICLE	(47) 09.08.2023
10.10.2019	NOTIFICATION, A VEHICLE DISPLAY	(22) 02.09.2020
(22) 03.04.2019	DEVICE, VEHICLE AND A COMPUTER-	(54) SYSTEM AND METHOD FOR
(54) TRANSMISSION ARRANGEMENT FOR	READABLE STORAGE MEDIUM	WIRELESS CHARGING OF AN
A MOTOR VEHICLE AND METHOD	(73) Guangzhou Xiaopeng Motors Technology	ELECTRIC VEHICLE
FOR OPERATING A HYBRID VEHICLE	Co., Ltd.	(73) VOLVO CAR CORPORATION
(73) AVL List GmbH	Guangzhou Chengxing Zhidong Motors	(72) CHATZIOANNOU, Kostas
(72) WIENER, Herbert	Technology Co., Ltd.	(51) B60L 53/14
SCHÖRGHUBER, Christoph	(72) JIANG, Jiali	B60L 53/35
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(33) Austria	CHEN, Zhilong	(47) 09.08.2023
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A01D 34/63	(32) 30.07.2020	(54) CONNECTING ASSEMBLY FOR
B60K 11/08	(33) China	SUPPLYING ELECTRIC ENERGY
A01D 43/063	(51) B60L 8/00	FROM A GROUND CHARGING
(11) EP3900970	B60L 1/00	STATION TO A VEHICLE
(21) EP21167618.4	(11) EP3524464	(73) HAGER-ELECTRO SAS
(47) 09.08.2023	(21) EP19156999.5	(72) Reiner, Ulrich
(22) 09.04.2021	(47) 09.08.2023	Kada, Philippe
(54) WORK VEHICLE	(22) 13.02.2019	Meyer, Loïc
(73) Iseki & Co., Ltd.	(54) TRANSPORT REFRIGERATION	Laugel, Joachim
(72) TODA, Hirokata	UNIT WITH A RENEWABLE ENERGY	Helfter, Marc
TSUNASHIMA, Taro	SOURCE AND METHOD OF	(51) B60L 53/16
FUJII, Katsutomo	OPERATION	(11) EP3511198
(31) 2020075740	(73) Carrier Corporation	(21) EP18020516.3
(32) 21.04.2020	(72) PUPPALA, Chandrasekhar	(47) 09.08.2023
(33) Japan	GONGATE, Suzankumar	(22) 19.10.2018
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(22) 29.06.2020	(47) 09.08.2023	Reber, Volker
(54) DEVICE FOR CLOSING A MOTOR	(87) JP2017040958	Götz, Stefan
VEHICLE COOLING MODULE	31.05.2018	(31) 102018100828
(73) HBPO GmbH	(22) 14.11.2017	(32) 16.01.2018
(72) SCHNEIDER, Christian	(54) CHARGING SYSTEM, CHARGING	(33) Germany
BRÜCKNER, Reinhold	METHOD, COMPUTER-READABLE	(51) B60L 53/18
(31) 102019117986	MEDIUM AND COMPUTER PROGRAM	B60L 53/31
(32) 03.07.2019	(73) Honda Motor Co., Ltd.	B60L 53/30
(33) Germany	(72) HANEDA, Satoshi	(11) EP4098478
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(21) EP20713845.4	B60L 53/10	CHARGING CABLE OF A CHARGING
(47) 09.08.2023	B60L 53/22	STATION FOR ELECTRIC VEHICLES
(87) EP2020056452	B60L 53/302	WITH A SPIRAL DESIGN
01.10.2020	B60L 53/30	(73) Digital Elektronik GmbH
(22) 11.03.2020	H02J 7/02	(72) Auer, Johannes
(54) VEHICLE TRIM ELEMENT	H02J 7/00	(51) B60L 53/18
(73) HIB Trim Part Solutions GmbH	(11) EP3403869	H01R 31/06
(72) YU, Zhikai	(21) EP18020037.0	(11) EP4029722
SCHNABEL, Uwe	(47) 09.08.2023	(21) EP22150130.7
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(54) A CHARGER ASSEMBLY	10.01.2017	(72) LEE, Jin Woo
(73) Defa AS	(33) Germany	(31) 20190150439
(72) Kopperud, Agnar	Germany	(32) 21.11.2019
(31) 20210054	(51) B60M 1/28	(33) Korea (Republic)
(32) 15.01.2021	B66F 7/06	(51) B60N 2/07
(33) Norway	B66F 11/04	B60N 2/39
(51) B60L 53/80	E01B 37/00	B60N 3/06
B65G 54/02	B61L 15/00	B60N 2/02
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(22) 08.09.2020	(21) EP18762843.3	(73) Volvo Car Corporation
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(73) AUTOSTORE TECHNOLOGY AS	(87) EP2018073649	FRASHER, Douglas Hall
(72) AUSTRHEIM, Trond	11.04.2019	(31) 201816013176
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(32) 16.09.2019	(54) METHOD FOR OPERATING A RAIL-GUIDED SUPERSTRUCTURE MACHINE, AND SUPERSTRUCTURE MACHINE	(33) United States of America
(33) Norway	(73) Plasser & Theurer Export von Bahnbaumaschinen GmbH	(51) B60N 2/14
(51) B60L 58/16	(72) PHILIPP, Thomas	B60N 2/02
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B60L 58/14	(51) B60N 2/01	(22) 21.08.2020
B60L 58/15	B60N 2/015	(54) VEHICLE SEAT WITH ROTATION ADJUSTMENT DEVICE
H01M 10/42	B60N 2/22	(73) GRAMMER AG
H01M 10/44	B61D 1/04	(72) HALLER, Erwin
G01R 31/392	B61D 33/00	(31) 102019123964
G01R 31/367	B64D 11/06	(32) 06.09.2019
H01M 10/48	B60N 2/24	(33) Germany
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(73) Guangzhou Chengxing Zhidong Motors Technology Co., Ltd.	(73) GRAMMER AG	(22) 22.10.2020
Guangzhou Xiaopeng Motors Technology Co., Ltd.	(72) Meier, Dominik	(54) DEVICE FOR ADJUSTING A SITTING POSITION
(72) HUANG, Lanying	Wegmann, Sebastian	(73) GRAMMER AG
WANG, Yanle	(31) 102020109167	(72) Haller, Erwin
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(72) REINISCH, Alexander	Germany	(22) 12.06.2019
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(31) 102017131433	B60N 2/06	(73) Brose Fahrzeugteile SE & Co. Kommanditgesellschaft, Coburg
	G01D 5/14	(72) GROPP, Jörg
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	(47) 09.08.2023	ALBRECHT, Jacqueline
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(51) B60N 2/23	(87) EP2019086427	(72) HAMMERMEISTER, Christian
A47C 1/024	25.06.2020	EMMERICH, Jan, Sören
B64D 11/06	(22) 19.12.2019	TEN HOMPEL, Michael
B60N 2/75	(54) AUXETIC ADJUSTING DEVICE	ROTGERI, Mathias
(11) EP3744565	(73) VOLKSWAGEN AG	BEHLING, Jan
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(73) Safran Seats USA LLC	SCHWEISSGUT-FORKEL, Silke	(33) Germany
(72) LUEVANO, Patricia	(31) 102018133405	(51) B60Q 1/00
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(73) IDE Automotive España S.L.	DUGAS, Frédéric	(54) VEHICLE HEADLAMP
(72) HERMANN, Otto	(31) 1912916	(73) Valeo Sylvania L.L.C.
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Toscana Gomma S.p.A.	(33) Germany	(33) Japan
(72) MAZZUCHELLI, Alessandro	(51) B60P 7/08	(51) B60Q 1/26
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F21S 43/14	B62D 5/04	(33) Finland
F21S 43/19	H02P 29/64	(51) B60R 21/11
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(73) Magna Exteriors Inc.	BEER, Florian	(51) B60R 21/201
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G06F 3/01	(54) LATERAL PROTECTION DEVICE FOR HEAVY ROAD VEHICLES AND VEHICLE COMPRISING THE SAME	Dalphi Metal España, S.A.
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(72) Atwadkar, Abhijeet	REGENERATIVE BRAKING DEVICE	(73) Gulfstream Aerospace Corporation
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B29C 51/12	METHOD FOR DISCHARGING	(73) Novacode Sp. z o.o.
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B29C 65/52	(73) BOBST MEX SA	Ruge, Przemyslaw
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B65B 43/52	(54) LABELLING MACHINE AND METHOD	(73) Tetra Laval Holdings & Finance S.A.
B65B 43/54	FOR APPLYING DIFFERENT TYPES	(72) COSTARELLI, Cristian
B65B 61/28	OR FORMATS OF LABELS ONTO	CORRADI, Davide
B65B 65/00	ITEMS	DE PAOLA, Rocco
B65B 61/24	(73) Sidel Participations	ZANON, Paolo
B65B 1/22	(72) RIZZI, Alberto	ORLANDI, Ivan
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Josephus	SEALING SURFACE	SYGROVE, Matthew James
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A01G 25/00	(54) DEVICE FOR WIRELESSLY	D02G 3/18
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FEARON, Stephen	BAXEVANIS, Dimitrios	(73) Soci�t� BIC
CONDON, David	WEAVER, William	Universit� de Haute Alsace
SWEENEY, Nigel	CAVALIERI, Roberto	Centre national de la recherche scientifique
COUGHLAN, Gerry	WATSON, Robert	(72) ALBENGE, Olivier
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RABASCO, John J.	CRUZ, Ben E.	Soci�t� BIC
ZHANG, Tianlan	(31) 201662312756 P	Centre national de la recherche scientifique
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(73) Trinseo Europe GmbH	(72) Roland, Katrin	(73) Universit� de Haute Alsace
(72) DOBLER, Francis, Marcel, Joseph	Mergenthaler, Jochen	Soci�t� BIC
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C09D 167/02	Jansen, Claudia	SPANGENBERG, Arnaud
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(72) GHELLAL, Ferial	C09D 11/38	Rohm and Haas Company
MOUGIN, Karine	C09D 11/322	(72) XU, Jianming
METILLON, Romain	C09D 11/102	QIAN, Zhen
SPANGENBERG, Arnaud	C09D 11/106	CUI, Wei
ALBENGE, Olivier	C09D 11/107	(51) C09D 167/00
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FIXED COLOR COMPRISING GOLD	(73) Sakata INX Corporation	COATING
NANOPARTICLES	(72) SATO, Yoichi	(73) Swinc LLC
(73) Centre national de la recherche	MORIYASU, Kazuki	(72) KROICHVILLI, Frederic
scientifique	TAKAHASHI, Eri	PROUVOST, Benoit
Société BIC	SANO, Takaaki	ANDRIOT, Matthieu
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(73) Mitsubishi Pencil Company, Limited	(73) AGC Inc.	LAMERS, Paul H.
(72) OGURA, Kousuke	(72) SAITO Shun	FENN, David R.
HIRAYAMA, Akiko	HASEGAWA Yui	LI, Linlin
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B32B 15/18	F16C 27/00	RECYCLED PET WOVEN FABRIC
C25D 7/00	(11) EP3884093	AND WOVEN FABRIC MADE FROM
C25D 3/30	(21) EP19813391.0	RECYCLED PET
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MATSUBARA, Masanobu	(33) Czech Republic	FABRIC OF RECYCLED PET AND
YOSHIMURA, Kunihiro	(51) D01H 7/60	MODIFIED WITH CARBON NANOTUBES
HIROTSU, Munemitsu	(11) EP3910097	AND SUCH A FABRIC
YOSHIDA, Akihiro	(21) EP21169592.9	(73) Firma Softex Dariusz Michta
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(51) D01F 1/10	MANUFACTURING METHOD FOR THE	(11) EP4019678
D01F 6/04	RING	(21) EP21206611.2
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(21) EP22151495.3	SHINOHARA, Akihiro	INSERTION CONTROL APPARATUS
(47) 09.08.2023	HAYASHI, Hisaaki	(73) Kabushiki Kaisha Toyota Jidoshokki
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(54) CUT RESISTANT FABRIC	(32) 12.05.2020	(31) 2020203436
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(87) EP2019052374	F16G 5/20	(54) SINKER, KNITTING APPARATUS AND
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(22) 31.01.2019	D02G 3/48	KNITTED FABRIC

(73) Groz-Beckert KG	(11) EP3875653	D06F 105/02
(72) STINGEL, Uwe	(21) EP20178436.0	D06F 105/10
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(47) 09.08.2023	ENABLING CHANGEABLE NEEDLE	(47) 09.08.2023
(22) 25.02.2020	DISTANCE	(22) 03.04.2020
(54) COMPOUND NEEDLE FOR FLAT	(73) Chee Siang Industrial Co., Ltd.	(54) A METHOD FOR LAUNDERING FABRIC
KNITTING MACHINE	(72) CHEN, Hsu Hui	(73) The Procter & Gamble Company
(73) Ningbo Cixing Co., Ltd.	(31) 109107027	(72) SOUTER, Philip Frank
(72) SUN, Pingfan	(32) 04.03.2020	AMADOR ZAMARRENO, Carlos
ZOU, Licheng	(33) Taiwan, Chinese Taipei	BROOKER, Anju Deepali Massey
HU, Yueyong	(51) D06F 25/00	BUENO ROMO, Laura
LVTHI, Christophe Michel	D06F 37/26	(51) D06F 37/02
Li, Lijun	(11) EP3162940	G10K 11/162
XU, Weidong	(21) EP15192290.3	D06F 58/04
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(33) China	(54) HOUSEHOLD APPLIANCE ADAPTED	(21) EP19179405.6
(51) D04C 1/08	TO PERFORM AT LEAST A DRYING	(47) 09.08.2023
B64G 1/56	CYCLE, SUCH AS A WASHING/	(22) 11.06.2019
B64G 1/64	DRYING MACHINE OR A DRYING	(54) LAUNDRY TREATING MACHINE
D02G 3/28	MACHINE	COMPRISING A TUB OR A DRUM
B64G 1/22	(73) Whirlpool EMEA S.p.A	(73) Miele & Cie. KG
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IKI, Kentaro	DEROSSETT, Corey Elizabeth	(73) ELECTROLUX APPLIANCES
SUZUKI, Katsuya	MIZER, Scott Eugene	AKTIEBOLAG
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SOLIDIFIED NONWOVEN FABRIC	(11) EP3741900	ADJUSTING A GAP DIMENSION
PRODUCT	(21) EP20173205.4	(73) BSH Hausgeräte GmbH
(73) Oskar Dilo Maschinenfabrik KG	(47) 09.08.2023	(72) Bittigau, Raik
(72) DILO, Johann Philipp	(22) 06.05.2020	Walther, Rico
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H02P 21/06	(54) DETERGENT BOX ASSEMBLY AND WASHING DEVICE	BLEHER, Stephan
D06F 33/47	(73) BSH Hausgeräte GmbH	HAFIZAH, Mas Ayu Elita
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UENO, Tomonori	D06F 23/02	(72) SHALEV, Itzhak
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D06P 1/649	PRODUCTS USING A MOLDING ROLL	LAMINATED BODY, LAMINATED BODY
D06P 1/645	(73) GPCP IP Holdings LLC	AND PAPER PACKAGING MATERIAL
D06P 1/655	(72) BECK, David A.	(73) Toppan Printing Co., Ltd.
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(73) Seiko Epson Corporation	(11) EP3444400	WICKS, Douglas
(72) ISHIDA, Kohei	(21) EP17782553.6	PRESTON, Janet
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(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	(72) STUMPF, Philipp	23.12.2021
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(54) DAM SLAB FOR DAMMING A SPORTS FIELD, METHOD FOR INSTALLING AND DAMMING A SPORTS FIELD AND METHOD FOR MANUFACTURING A DAM SLAB FOR DAMMING A SPORTS FIELD	(54) OFFSHORE PLATFORM COMPRISING A DECK AND A DOCKING DEVICE, AND METHOD FOR TRANSFERRING PERSONNEL	B64F 1/00
(73) Sierbetonindustrie Markelo B.V.	(73) Tractebel Overdick GmbH	E01H 3/02
(72) Bearzatto, Edo	(72) OLTMANN, Klaas	E01H 5/00
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HAUK, Stefan	COMPRESSION-IGNITION ENGINE	PLANETARY REDUCTION GEAR
SIEBELS, David Christopher	(73) Mazda Motor Corporation	(73) SAFRAN AIRCRAFT ENGINES
WEISS, Matthias	(72) MATSUBARA, Takeshi	(72) TAN-KIM, Alexandre, Jean-Marie
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F04D 13/02	F02C 9/40	B64D 29/06
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(54) HYBRID COOLANT PUMP	(73) Equinor Energy AS	DEVICE DESIGNED TO BE PLACED

BETWEEN ONE END OF A MOUNTING STRUT FOR AN AIRCRAFT TURBOMACHINE AND A COWLING OF SAID TURBOMACHINE, DELIMITING AN INTER-FLOW COMPARTMENT	F02N 11/08 F02P 7/03 F02P 5/15 B60K 5/08 F02D 25/02	(21) EP20179401.3 (47) 09.08.2023 (22) 11.06.2020 (54) EXHAUST HEAT RECOVERY SYSTEM AND EXHAUST SYSTEM
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(72) FERT, Jérémy, Edmond COTEREAU, Nicolas Vincent Pierre-Yves	F02B 1/14	(72) CHAPELLE, Olivier BEAUVAIS, Clotaire KOSTIN, Dimitri
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F01D 21/04	(54) CONTROL DEVICE FOR COMPRESSION IGNITION ENGINE, COMPRESSION IGNITION ENGINE, VEHICLE, METHOD OF CONTROLLING COMPRESSION IGNITION ENGINE, AND COMPUTER PROGRAM PRODUCT	F02K 9/84
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(51) F04B 53/10	(72) OVERMEIER, Dirk	(73) AL-KO Geräte GmbH
F04B 1/182	GRIESDORN, Marcel	(72) Volk, Martin
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(22) 03.09.2019	(22) 08.03.2019	(54) FLUID CIRCUIT
(54) CONSTRUCTION MACHINE	(54) FLUID PRESSURE CYLINDER	(73) Eagle Industry Co., Ltd.
(73) Hitachi Construction Machinery Co., Ltd.	(73) SMC Corporation	(72) SHIMADA Yoshiyuki
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B60R 13/02	F16B 35/00	(33) Japan
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(11) EP3759359	(22) 19.11.2020	(21) EP20731463.4
(21) EP19712338.3	(54) CONNECTION ELEMENT FOR MULTI-EDGE PIPES	(47) 09.08.2023
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(22) 01.03.2019	(32) 28.11.2019	(54) FOIL BEARING
(54) DUAL COMPONENT U-BASE FASTENER	(33) Germany	(73) Robert Bosch GmbH
(73) Newfrey LLC	(51) F16B 31/06	(72) WIEDMANN, Felix
(72) BENEDETTI, Steven M.	F16B 19/00	WESSNER, Jochen
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(73) Schaeffler Technologies AG & Co. KG	(21) EP20735127.1	(72) WU, Maoting
(72) KESKINOGLU, Andreas	(47) 09.08.2023	(51) F16D 65/18
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TARGET OF A VEHICLE AUTOMATIC	(72) EDERFORS, Lars	(31) 201704220
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(54) HOUSEHOLD APPLIANCE WITH AN ELECTRONIC MODULE MOUNTED IN THE MACHINE ROOM AND METHOD OF ASSEMBLY	(73) Hamilton Sundstrand Corporation	F28F 3/00
(73) BSH Hausgeräte GmbH	(72) CHO, Wei-Lin	F28D 21/00
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(51) F25D 23/06	F28F 9/00	(73) Alfa Laval Corporate AB
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(73) Institute of Oceanographic Instrumentation, Shandong Academy of Sciences	(72) SANS JOFRE, Pierre LALONDE, Stefan COCQUEREZ, Théophile THOMAZO, Christophe MUSSET, Olivier	(73) Kyocera Corporation (72) MASUDA, Yuji NAKAZONO, Jumpei YONETA, Masashi
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OF A LITHOGRAPHY SYSTEM	APPARATUS	(72) RÜFENACHT, Christian
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(73) Honda Research Institute Europe GmbH	Kjærskov, Troels	SHARMA, Sameer
(72) Einecke, Nils	(51) G05F 1/67	HARBER, Chadwick
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G06F 9/50	Lee, Youngmin	United States of America
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G06F 8/71	MCCORMICK, Andrew	SOFTWARE APPLICATION TOGETHER
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(11) EP3945415	AHN, Junwhan	AGENT FUNCTIONALITY, SYSTEM
(21) EP21179699.0	(31) 202017080282	OR COMPUTING OR EXECUTION
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COMPILATION OPTIMIZATION OF	G06F 9/48	BEING OPERATED OR RUNNING
HOSTED APP, ELECTRONIC DEVICE	G06F 8/65	TOGETHER WITH A LEGACY
AND READABLE STORAGE MEDIUM	G06F 16/901	SOFTWARE APPLICATION WITHIN
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OGASHIWA Toshinori	(72) TERANO, Katsunori	(72) BOULENC, Pierre
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(73) ZTE Corporation	(11) EP3338394	KWAK, Yongjun
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G10L 17/06	(54) A DATA HUB FOR A CROSS-DOMAIN	(54) URL ABNORMALITY POSITIONING
B60R 25/24	COMMUNICATION SYSTEM	METHOD AND DEVICE, AND SERVER
H04W 4/80	(73) Qinetiq Limited	AND STORAGE MEDIUM
H04W 12/71	(72) JOBSON, Michael Iain	(73) Advanced New Technologies Co., Ltd.
H04W 12/126	(31) 201520380	(72) ZHANG, Yalin
H04L 9/40	(32) 19.11.2015	LI, Longfei
(11) EP3806384	(33) United Kingdom	(31) 201810182571
(21) EP19923300.8	(51) H04L 9/40	(32) 06.03.2018
(47) 09.08.2023	(11) EP3651431	(33) China
(87) CN2019093468	(21) EP19206500.1	(51) H04L 9/40
08.10.2020	(47) 09.08.2023	G06F 21/30
(22) 28.06.2019	(22) 31.10.2019	H04L 9/32
(54) VEHICLE UNLOCKING	(54) METHODS AND DEVICES	H04W 12/06
AUTHENTICATION METHOD AND	FOR ESTABLISHING SECURE	(11) EP3671498
APPARATUS	COMMUNICATION CHANNELS	(21) EP18214411.3
(73) Guangzhou Chengxing Zhidong Motors	(73) Malikie Innovations Limited	(47) 09.08.2023
Technology Co., Ltd.	(72) YANG, Chang Fung	(22) 20.12.2018
Guangzhou Xiaopeng Motors Technology	XU, Jason Songbo	(54) METHOD FOR SECURE
Co., Ltd.	(31) 201816181755	AUTHENTICATION OF A
(72) CHENG, Ziyao	(32) 06.11.2018	TRANSPONDER COMMUNICATING
(31) 201910256019	(33) United States of America	WITH A SERVER
(32) 29.03.2019	(51) H04L 9/40	(73) EM Microelectronic-Marin SA
(33) China	E05B 47/00	(72) SALGADO, Stéphanie
(51) H04L 9/32	H04W 12/06	GUILLOUX, Julian
H04W 12/68	G07C 9/00	(51) H04L 9/40
H04L 9/40	B60R 25/24	H04L 9/32
H04L 67/50	H04W 12/08	G06F 21/44
G06F 21/31	H04W 12/126	G06F 21/55
H04W 12/065	E05B 49/00	H04W 12/30
(11) EP3750275	E05B 35/00	H04W 12/06

H04L 9/08	H04W 12/02	(31) 201715617529
(11) EP3487119	G06F 21/60	(32) 08.06.2017
(21) EP17827821.4	G06F 21/62	(33) United States of America
(47) 09.08.2023	(11) EP3752947	(51) H04L 9/40
(87) KR2017006406	(21) EP19704023.1	H04W 12/062
18.01.2018	(47) 09.08.2023	H04W 12/47
(22) 19.06.2017	(87) EP2019053784	H04W 12/61
(54) TWO-CHANNEL AUTHENTICATION	22.08.2019	H04W 12/71
PROXY SYSTEM CAPABLE	(22) 15.02.2019	H04L 9/08
OF DETECTING APPLICATION	(54) PROTECTING A MESSAGE	(11) EP3637720
TAMPERING, AND METHOD	TRANSMITTED BETWEEN CORE	(21) EP18821646.9
THEREFOR	NETWORK DOMAINS	(47) 09.08.2023
(73) Kim, Dowan	(73) TELEFONAKTIEBOLAGET LM	(87) KR2018006952
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Kim, Sunhae	(72) DE-GREGORIO-RODRIGUEZ, Jesus-	(22) 20.06.2018
Kim, Seongsuk	Angel	(54) APPARATUS AND METHOD FOR
(72) Kim, Ju Han	MARTINEZ DE LA CRUZ, Pablo	PROVIDING AND MANAGING
Kim, Dowan	SAARINEN, Pasi	SECURITY INFORMATION IN
Kim, Seongsuk	JOST, Christine	COMMUNICATION SYSTEM
(31) 20160088062	(31) 18382092	(73) Samsung Electronics Co., Ltd.
(32) 12.07.2016	(32) 16.02.2018	(72) LEE, Jong-Hyo
(33) Korea (Republic)	(33) European Patent Office (EPO)	WON, Eun-Tae
(51) H04L 9/40	(51) H04L 9/40	JUNG, Soo-Yeon
H04L 9/32	H04W 8/20	SHIN, In-Young
H04L 9/00	H04W 12/30	(31) 20170080018
H04L 67/104	G06F 21/30	(32) 23.06.2017
G06F 21/62	H04W 12/06	(33) Korea (Republic)
(11) EP3852335	(11) EP3827608	(51) H04L 9/40
(21) EP20770492.5	(21) EP20739010.5	H04W 12/069
(47) 09.08.2023	(47) 09.08.2023	G06F 21/34
(87) CN2020073849	(87) KR2020000268	H04W 12/06
17.09.2020	16.07.2020	(11) EP3619904
(22) 22.01.2020	(22) 07.01.2020	(21) EP18724009.8
(54) METHOD AND SYSTEM FOR	(54) APPARATUS AND METHOD FOR	(47) 09.08.2023
MODIFYING BLOCKCHAIN NETWORK	HANDLING ESIM PROFILE FOR ISSP	(87) US2018026653
CONFIGURATION	DEVICE	08.11.2018
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LI, Yanpeng	LEE, Duckey	AUTHENTICATION
FENG, Zhiyuan	YOON, Kangjin	(73) Microsoft Technology Licensing, LLC
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G06F 21/55	(32) 19.07.2019	(51) H04L 9/40
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(47) 09.08.2023	Korea (Republic)	H04L 67/303
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(22) 31.05.2018	H04W 12/122	(21) EP17857032.1
(54) DETECTION OF ATTACKS IN THE	H04W 12/126	(47) 09.08.2023
CLOUD BY CROWD SOURCING	H04W 12/02	(87) US2017047815
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(73) Microsoft Technology Licensing, LLC	(21) EP18769852.7	(22) 21.08.2017
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MAIMON, Maya	(22) 23.05.2018	(72) GANESAN, Karthik
ISRAEL, Moshe	(54) PRIVACY AS A SERVICE BY	MURTHY, Ashwath, Sreenivasa
TELLER, Tomer	OFFLOADING USER IDENTIFICATION	MANGAM, Prabhakar, M V B R
(31) 201715637515	AND NETWORK PROTECTION TO A	WALTER, Martin
(32) 29.06.2017	THIRD PARTY	JANDHYALA, Shriram, S.
(33) United States of America	(73) Microsoft Technology Licensing, LLC	(31) 201615281946
(51) H04L 9/40	(72) ELMILIGUI, Mohamed Alaa	201615281939
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	RASHAD, Khaled Galal Mohamed	201615281913

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30.09.2016	(22) 06.07.2018	COMPUTING DATA CENTER IN A
(33) United States of America	(54) NETWORK EDGE CONTROLLER AND	TELECOMMUNICATION NETWORK
United States of America	REMOTE FIELD SERVICE SYSTEM	(73) Huawei Technologies Co., Ltd.
United States of America	(73) Apptricity Corporation	(72) TANG, Yewei
United States of America	(72) MCCOY, Ralph	YE, Yinghua
(51) H04L 12/14	GARCIA, Tim	DAI, Huida
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(11) EP3841790	03.09.2020	MATCHED PROPAGATION DELAY
(21) EP18930600.4	(22) 25.02.2020	AMONG WIRE PAIRS
(47) 09.08.2023	(54) UNIT FOR CONTROLLING DATA	(73) Qualcomm Incorporated
(87) CN2018102306	COMMUNICATION	(72) PANDEY, Shree Krishna
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(54) CONFIGURING ROUTE SELECTION	APERS, Roel	WILEY, George Alan
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(54) DEVICE OF CONTROLLING RELATED	(54) CONTROLLER AREA NETWORK	(47) 09.08.2023
DEVICE BASED ON OPERATION	TRANSCEIVER	(22) 26.02.2021
SITUATION, SCHEDULE BOT AND	(73) NXP B.V.	(54) APPARATUS FOR SIGNAL DETECTION
SERVER CONTROLLING THEREOF	(72) Muth, Matthias Berthold	USING GAUSSIAN FREQUENCY
(73) LG Electronics Inc.	(31) 19177401	SHIFT KEYING TRANSMISSION AND A
(72) LEE, Suhwan	(32) 29.05.2019	METHOD USING THE APPARATUS
PARK, Sang Bae	(33) European Patent Office (EPO)	(73) Shenzhen Goodix Technology Co., Ltd.
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(21) EP21155818.4	METHOD FOR OPERATING A BUS	(21) EP17305320.8
(47) 09.08.2023	COUPLER	(47) 09.08.2023
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(54) SYSTEM, DEVICE AND METHOD FOR	(72) Mertens, Marcel	(54) REFERENCE SIGNAL FOR PHASE
TRANSMITTING DATA BETWEEN TWO	Knaak, Ludger	TRACKING INSERTION
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(73) ise Individuelle Software und Elektronik	(32) 21.04.2020	(72) HASEGAWA, Fumihiro
GmbH	(33) Germany	TAIRA, Akinori
(72) Sahm, Christoph	(51) H04L 12/66	CIOCHINA, Cristina
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H04L 12/40	H04L 45/60	(51) H04L 27/26
H04L 12/12	H04W 8/20	H04B 7/06
H04W 4/70	H04W 60/04	H04B 7/0456
H04W 4/80	H04W 88/18	(11) EP4101135
H04W 4/029	(11) EP3665877	(21) EP20704798.6
H04W 4/40	(21) EP18869505.0	(47) 09.08.2023
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(73) Telefonaktiebolaget LM Ericsson (PUBL)	(11) EP4029197	EZRA, Shirel
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FOZOONI, Milad	(47) 09.08.2023	H04L 41/147
GUSTAVSSON, Ulf	(87) US2020049690	H04L 43/08
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H04L 5/00	(22) 08.09.2020	H04L 41/0681
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(47) 09.08.2023	(32) 09.09.2019	(54) METHODS AND SYSTEMS FOR GENERATION AND ADAPTATION OF NETWORK BASELINES
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(73) Huawei Technologies Co., Ltd.	H04L 41/40	ASTHANA, Abhaya
(72) MA, Jianglei	H04L 41/5051	KOIVUNEN, Markku
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(22) 15.09.2017	WANG, Rui	(47) 09.08.2023
(54) METHOD AND APPARATUS FOR TRANSMITTING DATA	(31) 202017119614	(87) US2019061095
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(72) CHEN, Yan	(32) 11.12.2020	(22) 13.11.2019
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(31) 201610830093	United States of America	(72) R, Siddharth G.
(32) 19.09.2016	(51) H04L 41/12	YERRAMNENI, Naveen Chowdary
(33) China	H04L 41/0813	HUKMICHAND, Tarun Kumar
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(22) 12.03.2018	(21) EP18925058.2	(47) 09.08.2023
(54) NETWORK SLICE MANAGEMENT METHOD AND APPARATUS	(47) 09.08.2023	(22) 04.11.2020
(73) HUAWEI TECHNOLOGIES CO., LTD.	(87) IB2018060210	
(72) LI, Yan	25.06.2020	
XU, Ruiyue	(22) 17.12.2018	
ZHANG, Kai	(54) MIGRATING SERVICES IN DATA COMMUNICATION NETWORKS	
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<p>(54) TESTING AND MAINTAINING OUTAGE RESILIENCE OF SERVER RESOURCES</p> <p>(73) Amadeus S.A.S. (72) SISMAN, Goekhan (31) 1913294 (32) 27.11.2019 (33) France</p> <hr/> <p>(51) H04L 45/00 H04L 45/02 H04L 9/40 (11) EP3333705 (21) EP17195805.1 (47) 09.08.2023 (22) 08.12.2009</p> <p>(54) PROVIDING LOCAL SECURE NETWORK ACCESS TO REMOVE SERVICES</p> <p>(73) Amazon Technologies, Inc. (72) COHN, Daniel T. BRANDWINE, Eric Jason DOANE, Andrew J. (31) 332216 (32) 10.12.2008 (33) United States of America</p> <hr/> <p>(51) H04L 45/243 H04W 40/22 H04L 47/125 (11) EP4018606 (21) EP19790353.7 (47) 09.08.2023 (87) US2019053439 01.04.2021 (22) 27.09.2019</p> <p>(54) METHOD AND APPARATUS FOR ENABLING OFFLOADING NETWORK TRAFFIC VIA A CONNECTED CELLULAR DEVICE</p> <p>(73) Viasat, Inc. (72) MADHAV, Praveen UBEROY, Pawan</p> <hr/> <p>(51) H04L 45/28 H04L 45/121 H04L 45/00 H04L 45/128 (11) EP3832961 (21) EP19212953.4 (47) 09.08.2023 (22) 02.12.2019</p> <p>(54) ADAPTIVE ROUTING FAILURE RECOVERY IN A WIRELESS NETWORK</p> <p>(73) Carrier Corporation (72) LIN, Chih-Kuang LANG, Michael VILLA, Davide KUENZI, Adam</p> <hr/> <p>(51) H04L 45/302 (11) EP3818669 (21) EP19739846.4 (47) 09.08.2023 (87) US2019039820 09.01.2020 (22) 28.06.2019</p> <p>(54) RESOURCE PARTITIONING FOR NETWORK SLICES IN SEGMENT ROUTING NETWORKS</p> <p>(73) Cisco Technology, Inc.</p>	<p>(72) ALI, Zafar FILSFILS, Clarence GARVIA, Pablo, Camarillo</p> <p>(31) 201862693013 P (32) 02.07.2018 (33) United States of America</p> <hr/> <p>(51) H04L 45/745 G11C 15/04 (11) EP3958267 (21) EP20836578.3 (47) 09.08.2023 (87) CN2020101595 14.01.2021 (22) 13.07.2020</p> <p>(54) RANGE INFORMATION ENCODING AND MATCHING METHOD, AND COMPUTER STORAGE MEDIUM</p> <p>(73) Sanechips Technology Co., Ltd. (72) WANG, Siyu LIU, Fengsong (31) 201910622597 (32) 11.07.2019 (33) China</p> <hr/> <p>(51) H04L 49/25 H04L 49/00 H04L 69/22 (11) EP3968587 (21) EP20844624.5 (47) 09.08.2023 (87) CN2020103789 28.01.2021 (22) 23.07.2020</p> <p>(54) MESSAGE PROCESSING METHOD, SWITCH, AND COMPUTER-READABLE STORAGE MEDIUM</p> <p>(73) ZTE Corporation (72) WANG, Xin (31) 201910673667 (32) 24.07.2019 (33) China</p> <hr/> <p>(51) H04L 61/251 H04L 61/2575 (11) EP3843365 (21) EP21152675.1 (47) 09.08.2023 (22) 31.05.2018</p> <p>(54) TRANSLATION BETWEEN A FIRST VERSION OF INTERNET PROTOCOL AND A SECOND VERSION OF INTERNET PROTOCOL WHEN AN APPLICATION LAYER GATEWAY (ALG) IS INVOLVED</p> <p>(73) Juniper Networks, Inc. (72) KUPPANNAN, Jayaraghavendran O S, Sridhar GUPTA, Neeraj (31) 201715637467 (32) 29.06.2017 (33) United States of America</p> <hr/> <p>(51) H04L 61/3015 (11) EP3739852 (21) EP20183381.1 (47) 09.08.2023 (22) 29.09.2016</p> <p>(54) DOMAIN NAME OPERATION VERIFICATION CODE GENERATION AND/OR VERIFICATION</p> <p>(73) Verisign, Inc.</p>	<p>(72) WALDRON, Joseph KLEIN, Christopher GOULD, James</p> <p>(31) 201514868972 (32) 29.09.2015 (33) United States of America</p> <hr/> <p>(51) H04L 61/4541 (11) EP3799399 (21) EP19819769.1 (47) 09.08.2023 (87) CN2019090757 19.12.2019 (22) 11.06.2019</p> <p>(54) METHOD AND APPARATUS FOR ACQUIRING ADDRESS INFORMATION</p> <p>(73) HUAWEI TECHNOLOGIES CO., LTD. (72) MA, Jingwang (31) 201810596707 (32) 11.06.2018 (33) China</p> <hr/> <p>(51) H04L 65/1016 H04L 65/1069 (11) EP3788753 (21) EP18725942.9 (47) 09.08.2023 (87) SE2018050443 07.11.2019 (22) 30.04.2018</p> <p>(54) METHOD AND NETWORK NODE FOR HANDLING A SERVICE SETUP FOR A USER EQUIPMENT</p> <p>(73) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) (72) GARCIA FERNANDEZ, Raimundo</p> <hr/> <p>(51) H04L 65/1045 H04L 65/611 H04L 65/613 (11) EP3391608 (21) EP15816754.4 (47) 09.08.2023 (87) EP2015080429 22.06.2017 (22) 18.12.2015</p> <p>(54) HANDLING OF CONTENT DELIVERY IN A CLIENT NODE</p> <p>(73) Telefonaktiebolaget LM Ericsson (publ) (72) TURCOTTE, Eric LOHMAR, Thorsten SLSSINGAR, Michael John CELLARIUS, Bastian</p> <hr/> <p>(51) H04L 65/1069 H04L 65/1073 H04L 65/611 (11) EP3918769 (21) EP20709386.5 (47) 09.08.2023 (87) US2020015903 06.08.2020 (22) 30.01.2020</p> <p>(54) RICH COMMUNICATION SERVICES MULTICAST SYSTEM</p> <p>(73) T-Mobile USA, Inc. (72) SYED, Zakir Hussain BANNA, Fadi ARENDS, Joel DAR, Sheraz AMIN, Rahul (31) 201916265744</p>
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(33) United States of America	SERVER, STORAGE MEDIUM AND	(54) CAMERA MOUNTING MODULE,
(51) H04L 65/80	SYSTEM	CAMERA ASSEMBLY AND MOBILE
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TERMINAL CAPABILITIES IN A	COMPRISES INSTRUCTIONS FOR	BEING USED
WIRELESS COMMUNICATION SYSTEM	SIGNING MEASUREMENT VALUES OF	(73) Motorola Mobility LLC
(73) Sony Group Corporation	A SENSOR	(72) LOHR, Joachim
(72) ALNÄS, Svante	(73) Volkswagen Aktiengesellschaft	KUCHIBHOTLA, Ravi
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Corporation	MODULE COMPRISING SECURED	GÖRGEN, Daniel, Martin
(72) FUJIKI, Toshihiro	CLUSTERS OF ELEMENTS	AOUN, Marc
OKUMURA, Hiroyuki	(73) IDEMIA France	ESPINA PEREZ, Javier
NAKAHARA, Kentaro	(72) VIELLEPEAU, Joël	GARCIA MORCHON, Oscar
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**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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SECONDARY BATTERY, ELECTRODE	LI, Quankun	ZHANG, Shiyao
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FOR MANUFACTURING SAME	ZHANG, Xiaowen	(31) 201910726079
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(11) EP3979372	(54) ELECTROLYTE FOR LITHIUM	(54) SECONDARY BATTERY, DEVICE, AND
(21) EP20850953.9	SECONDARY BATTERY AND LITHIUM	MANUFACTURING METHOD FOR
(22) 31.07.2020	SECONDARY BATTERY INCLUDING	SECONDARY BATTERY
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(73) Beijing Xiaomi Mobile Software Co., Ltd.	SUBRAMANIAN, Sundar	VERSLEGERS, Lieven
(72) WANG, Linchuan	(74) dr. R.C. van Duijvenbode c.s.	(74) ir. H.Th. van den Heuvel c.s.
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CHO, Joonyoung	H04W 74/08	(72) SHRIVASTAVA, Shamit
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JIN, Chao	VAN ZELST, Albert	GAAL, Peter
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**VB2**

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(11) EP4021773	(11) EP4103929	
(00) 05.04.2023	(00) 05.04.2023	

**VRB**

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



## CO

## Ingeschreven overdrachten.

## Contains data concerning registered assignments or change of owners.

(71) BIOeCON International Holding B.V.	(71) VERSALIS S.p.A.	(71) HW POWER LIMITED
(73) BIOeCON International Holding B.V.	(73) VERSALIS S.p.A.	(73) HW POWER LIMITED
(11) EP2285990	(11) EP2610346	(11) EP2844867
(00) 14.07.2023	(00) 14.07.2023	(00) 27.07.2023
(51) C07C 31/08	(51) C13B 20/16	(51) F03D 1/04
C08B 1/00	C09K 3/00	F03D 1/06
C08F 8/12	C12P 19/02	F03D 7/02
C13K 1/02	C13K 1/02	(00) Change of owner(s) name
(00) Assignment	C13K 13/00	(71) Imperial College Innovations Limited
(71) BIOeCON International Holding N.V.	D21C 1/02	(73) Imperial College Innovations Limited
(73) BIOeCON International Holding B.V.	D21C 5/00	(11) EP2627668
(11) EP2285990	(00) Assignment	(00) 28.07.2023
(00) 14.07.2023	(71) Frontier Therapeutics Limited	(51) A61K 38/48
(51) C07C 31/08	(73) Frontier Therapeutics Limited	A61P 25/00
C08B 1/00	(11) EP2378925	C07K 14/47
C08F 8/12	(00) 27.07.2023	(00) Assignment
C13K 1/02	(51) A47C 27/08	(71) NUSEED GLOBAL INNOVATION LTD
(00) Assignment	(00) Assignment	(73) NUSEED GLOBAL INNOVATION LTD
(71) SUEZ Groupe	(71) VERSALIS S.p.A.	(11) EP2585589
DEGREMONT	(73) VERSALIS S.p.A.	(00) 27.07.2023
(73) DEGREMONT	(11) EP2622126	(51) C10L 1/02
Suez International	(00) 14.07.2023	C11C 3/00
(11) EP1910233	(51) D21B 1/02	C12N 9/10
(00) 28.07.2023	D21B 1/12	C12N 15/82
(51) C02F 1/00	D21B 1/36	(00) Assignment
C02F 3/12	D21C 1/06	(71) VERSALIS S.p.A.
C02F 3/30	(00) Assignment	(73) VERSALIS S.p.A.
(00) Change of owner(s) name	(71) BIOeCON International Holding B.V.	(11) EP2798073
(71) DEGREMONT	(73) BIOeCON International Holding B.V.	(00) 14.07.2023
Suez International	(11) EP2807175	(51) C12P 19/02
(73) DEGREMONT	(00) 14.07.2023	C13K 1/02
Suez International	(51) C07H 1/06	D21C 1/02
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(51) C02F 1/00	C13K 13/00	(71) Imperial College Innovations Limited
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C02F 3/30	(71) BIOeCON International Holding N.V.	(11) EP2441774
(00) Assignment	(73) BIOeCON International Holding B.V.	(00) 28.07.2023
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(73) VERSALIS S.p.A.	(00) 14.07.2023	A61P 25/00
(11) EP2454409	(51) C07H 1/06	C07K 14/47
(00) 14.07.2023	C07H 1/08	(00) Assignment
(51) C12P 7/10	C13K 1/02	(71) FLOWSERVE PTE. LTD.
C12P 19/02	C13K 13/00	(73) FLOWSERVE PTE. LTD.
D21C 1/00	(00) Assignment	(11) EP2993379
D21C 1/02	(71) Saati Advanced Chemicals, LLC	(00) 27.07.2023
D21C 1/04	(73) Saati Advanced Chemicals, LLC	(51) F16J 15/34
D21C 3/00	(11) EP2558908	F16J 15/40
D21C 3/02	(00) 27.07.2023	(00) Assignment
D21C 7/00	(51) G03F 7/038	(71) Van Wijnen Components B.V.
C08H 8/00	G03F 7/12	(73) Van Wijnen Components B.V.
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(71) Aroma System S.r.l.	(00) Assignment	(00) 28.07.2023
(73) Aroma System S.r.l.	(71) LGT Hydrogen Limited	(51) E04F 13/14
(11) EP2490962	(73) HW POWER LIMITED	E04F 13/24
(00) 28.07.2023	(11) EP2844867	(00) Assignment
(51) B65D 85/804	(00) 27.07.2023	(71) His Majesty the King in Right of Canada
B65D 85/808	(51) F03D 1/04	as Represented by the Minister of
B65D 85/812	F03D 1/06	Natural Resources
(00) Assignment	F03D 7/02	
	(00) Assignment	

(73) His Majesty the King in Right of Canada as Represented by the Minister of Natural Resources	(00) 28.07.2023 (51) B65D 85/804 (00) Assignment
(11) EP3126778	(71) FLOWSERVE PTE. LTD.
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(51) G01B 7/04	(11) EP3867552
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(71) FLOWSERVE PTE. LTD.	(51) G01F 23/263
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(71) FLOWSERVE PTE. LTD.	(11) EP3627435
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(11) EP3568620	(51) G06Q 50/34
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(71) 4Wall IP DMCC	(71) Rowan Companies, LLC
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(11) EP3218555	(11) EP3661844
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(51) E04C 2/292	(51) B63J 99/00
E04C 2/296	(00) Change of Legal Entity
E04C 2/38	(71) Mitsubishi Heavy Industries, Ltd.
E04B 1/61	(73) Mitsubishi Heavy Industries, Ltd.
E04C 2/24	(11) EP3760299
B29C 33/30	(00) 24.07.2023
B29C 33/42	(51) B01D 53/78
B29C 44/58	B01D 53/14
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(71) Van Wijnen Components B.V.	B01D 53/96
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(11) 2027954	(71) Opacmare S.p.A.
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(71) R.B.M. S.P.A.	
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(71) Aroma System S.r.l.	
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(11) EP3152134	

**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) EP2349095	(11) EP3200338	(11) EP3637017
(11) EP2349386	(11) EP3368648	(11) EP3619208
(11) EP2375243	(11) EP3373967	(11) EP3612672
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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).**