



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

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Introduction

Patent Bulletin

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

Official Journal

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

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	16 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	16
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Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	26 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	26
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	255Heading MED Contains data concerning other communications.	255
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Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	Contains data concerning European patents with registered Unitary Effect.	
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Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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

(51) A01B 75/00 (21) 2031585 (22) 14.04.2022 (54) DRAAGEENHEID (71) Nedarco B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Jacobus Bernardus Pieter van de Waart	(71) Zhejiang Citrus Research Institute (74) ir. W.J.J.M. Kempes (72) Ping Wang Fuzhi Ke Lifang Sun Zhenpeng Nie Xiu Huang Jianguo Xu	CIGARETTE DEVICE FOR CARTRIDGE OF ELECTRONIC CIGARETTE (71) Shanghai ENXI Bio-Technology Co.,Ltd Ningbo Yilan Yasi Skin Care Products Co., Ltd. (74) ir. F.A. Geurts c.s. (72) Qijun Ye Xuli Qian
(51) A01C 1/00 (21) 2031717 (22) 27.04.2022 (54) METHOD FOR PROMOTING SEED GERMINATION OF MALLOWUS NEPALENSIS MÜLL.ARG. AFTER CRYOPRESERVATION (71) Kunming Institute of Botany, Chinese Academy of Sciences (74) ir. M.B. Plaggenborg (72) Yajuan Yang Hui Li Xiangyun Yang Lei Fan Cheng Liu Lan Yang Xiaojian Hu Jie Cai Li Huang (41) 10.11.2023	(51) A01H 4/00 A01G 9/029 (21) 2031718 (22) 27.04.2022 (54) FULL-SUNLIGHT ENERGY-SAVING CULTURE ROOM FOR TISSUE CULTURE SEEDLING (71) Zhaotong Academy of Agricultural Sciences (Zhaotong Agricultural Science and Technology Promotion Center) (74) ir. M.B. Plaggenborg (72) Chun Pu Yuanjian Liu Zuo Hu Jie Zhao Qingfeng Zhang Xiaohong Liu Jiankang Yang Weiwei Song Zhou Li Xiaojiao Wang (41) 10.11.2023	(51) A45D 34/04 A45D 40/26 A45D 29/00 A46B 11/00 B65D 47/42 (21) 2034651 (22) 21.04.2023 (54) SQUEEZE NAIL ENAMEL BOTTLE (71) COTY INC. (74) B. Moore (72) Bernard Quennessen Carole Suchocki (31) 63/333317 (32) 21.04.2022 (33) United States of America
(51) A01G 31/02 (21) 2031783 (22) 05.05.2022 (54) CULTIVATION RECEPTACLE COMPRISING A WATER DISTRIBUTOR (71) Corné Klep Holding BV (74) dr. ir. G.J.C. Verdijck c.s. (72) Corné Cornelis Adrianus Wilhelmus Maria Klep (41) 14.11.2023	(51) A01K 79/00 (21) 2034631 (22) 19.04.2023 (54) FISH MOVING AND CATCHING DEVICE SUITABLE FOR MIGRATORY FISH AND IN AQUACULTURE WORKING VESSEL AS WELL AS WORKING METHOD THEREOF (71) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences Qingdao National Laboratory of Marine Science and Technology Development Center (74) ir. W.J.J.M. Kempes (72) Jing Wang Yi Zhang Suoxian Yang (31) 202210461210.5 (32) 28.04.2022 (33) China	(51) A45D 40/16 A45D 40/06 (21) 2034653 (22) 21.04.2023 (54) REFILLABLE LIPSTICK (71) COTY INC. (74) B. Moore (72) Bernard Quennessen (31) 63/336504 (32) 29.04.2022 (33) United States of America
(51) A01G 31/04 (21) 2031752 (22) 02.05.2022 (54) GERMINATION UNIT FOR ROTATING HORTICULTURAL GROWING SYSTEM (71) PB Techniek B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Koenraad Hedricus Maria Brabander (41) 13.11.2023	(51) A24F 47/00 H05B 6/06 (21) 2031775 (22) 04.05.2022 (54) ELECTROMAGNETIC-INDUCTION HIGH-FREQUENCY HEATING	(51) A47J 37/00 F24C 15/20 (21) 2034752 (22) 03.05.2023 (54) All-in-one cooking apparatus for household use (71) BERTAZZONI SOCIETA' PER AZIONI (74) dr. G. Visser-Luirink (72) Stefano Bella Massimiliano Solci Giuliano Anversa (31) 102022000008951 (32) 03.05.2022 (33) Italy
(51) A01H 1/04 A01H 5/08 A01G 17/00 A01H 6/78 (21) 2031781 (22) 05.05.2022 (54) SIMPLE METHOD FOR PRECISELY SCREENING SEEDLING TETRAPLOIDS OF 'GOUTOU' SOUR ORANGE		(51) A47K 10/46 (21) 1044302 (22) 29.04.2022 (54) Inrichting voor afgifte van sanitaire tissues voor gebruik bij herenurinoirs en voor het bergen van die tissues na gebruik (71) Jermain Steffeny Dosoe (74) ir. A. Blokland c.s.

(72) Jermain Steffeny Dosoe	(41) 13.11.2023	B04B 1/04
(41) 13.11.2023	(51) A61P 35/00	(21) 2031708
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(21) 2032429	C07H 15/26	(54) Plate assembly for a separation device
(22) 08.07.2022	C07H 15/207	(71) Biorganics UFT B.V.
(54) INTELLIGENT EXPOSURE CONTROL SYSTEM AND METHOD	(21) 2031742	(74) dr. ir. G.J.C. Verdijck c.s.
(71) Zhejiang University	(22) 29.04.2022	(72) Cornelius Petrus Antonius Vissers
(74) dr. T. Wittop Koning PhD	(54) Pseudo-Disaccharide Compounds	(51) B21C 37/08
(72) Zhongkun Bao	(71) Universiteit Leiden	C21D 8/10
Zhe Zhang	University of York	C22C 38/58
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Jucheng Zhang	Gideon Davies	(71) Hebei Hengtong Pipe Fittings Group Co.,Ltd
(41) 10.11.2023	Liang Wu	(74) dr. T. Wittop Koning PhD
(51) A61F 11/08	Casper de Boer	(72) Lianxin Han
(21) 2031761	Sybrin Schröder	Lizhu Ji
(22) 02.05.2022	(41) 13.11.2023	Yanqing Ji
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(21) 2034727	(74) dr. ir. G.J.C. Verdijck c.s.	(22) 28.04.2022
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(71) Findes	(31) CZ2022-172	(74) drs. J. Renkema
(74) dr. A. Ellens c.s.	(32) 26.04.2022	(72) Stefan Michael Cornelis Gerardus Antonius Robertus Zentveld
(72) Jacques Desmet	(33) Czech Republic	(51) B29C 64/357
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(33) Belgium	(21) 2031765	B01L 9/00
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A61K 9/107	(74) ir. H.A. Witmans c.s.	(71) Okos Diagnostics B.V.
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(21) 2034763	Wijnand Cornelis Scheurwater	(72) Sander Julian Brus
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(54) PREPARATION METHOD AND APPLICATION OF PICKERING EMULSION	Erwin Nico Heijblom	(41) 14.11.2023
(71) Yanbian University	(41) 13.11.2023	(51) B33Y 30/00
(74) ir. W.J.J.M. Kempes	(51) A63G 7/00	B29C 64/245
(72) Guangjun Xia	(21) 2031730	(21) 2031725
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(31) 202210494755.6	(54) Rollercoaster switch back for a reverse ride on trajectory segment track.	(54) PRINT BED ASSEMBLY FOR AN ADDITIVE MANUFACTURING SYSTEM
(32) 07.05.2022	(71) Vekoma Rides Engineering B.V.	(71) Ultimaker B.V.
(33) China	(74) ir. J.C. Volmer c.s.	(74) dr. R.C. van Duijvenbode c.s.
(51) A61K 39/00	(72) Benjamin Ferdinandszoon Bloemendaal	(72) Van Lent Arend-Jan
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(21) 2031731	(21) 2031757	(54) Digital Printing System and Method for Printing on a Radiation Transparent Substrate
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(54) Novel Peptide Conjugate Vaccines	(54) Ammonia separation system for an ammonia synthesis loop.	
(71) Stichting VUmc	(71) Proton Ventures B.V.	
(74) dr. A. Krebs	(74) dr. A. Ellens c.s.	
(72) Arjan Willem Griffioen	(72) Gerard van Zee	
Elisabeth Johanna Maria Huijbers	(51) B04B 7/12	
Karlijn van Loon		

(71) Xeikon Manufacturing N.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Jürgen Norbert Bart Devlieghere Lode Erik Dries Deprez Nick Horemans	(54) A lifting device for lifting a roll container and method therefor (71) Tecuma B.V. (74) ir. M. van der Velden (72) Reinier de Waal	Dawen Song Heng Zhou Jiangnan Deng
(51) B60K 1/04 (21) 2031785 (22) 05.05.2022 (54) Packaging Spacebox for Fuel cells (71) DAF Trucks N.V. (74) ir. H.A. Witmans c.s. (72) Albertus Clemens Maria van der Knaap (41) 14.11.2023	(51) B64C 29/00 B64C 3/56 B64C 39/02 (21) 2031701 (22) 26.04.2022 (54) Aeronautical vehicle and method of transitioning between flight modes for an aeronautical vehicle (71) Technische Universiteit Delft (74) ir. J.C. Volmer c.s. (72) Bart Diane Walter Remes	(51) C04B 28/00 C04B 28/08 E01B 3/28 (21) 2031726 (22) 28.04.2022 (54) Alkali-activated concrete for a prestressed railway sleeper (71) Technische Universiteit Delft (74) drs. P.A. van Essen c.s. (72) Timo Dijkstra Guang Ye Hua Dong (41) 13.11.2023
(51) B60L 3/00 B60L 3/04 (21) 2031706 (22) 26.04.2022 (54) A high-voltage direct current circuit for an electric vehicle with a secondary relay (71) Total Safety Solutions B.V. (74) mr. ir. J. van Breda c.s. (72) Ralf Arnoldus Antonius Adams Hendricus Johannes Bernardus Wijnans Eric Coenraad Huijding Cornelis Gerardus Henricus Maria van de Wiel	(51) B65B 7/02 (21) 2031788 (22) 06.05.2022 (54) Opener for a zipper (71) Qraftly Holding B.V. (74) ir. H.Th. van den Heuvel c.s. (72) Marcel Edwin Alexander Kampes	(51) C05F 11/00 C05G 3/00 (21) 2031736 (22) 29.04.2022 (54) METHOD FOR RAPIDLY EXTRACTING NUTRIENT COMPONENT BY GRINDING AND LIQUEFYING GREEN ALGAE AND PREPARATION METHOD FOR GREEN ALGAE ORGANIC COMPOUND FERTILIZER (71) Rizhao Xuri Composite Materials Co., Ltd. (74) dr. T. Wittop Koning PhD (72) Lipeng Ding Ran Ding (41) 13.11.2023
(51) B60L 58/18 B60L 58/24 B60L 3/00 (21) 2031755 (22) 02.05.2022 (54) Een verbeterd batterij management systeem (71) Total Safety Solutions B.V. (74) mr. ir. J. van Breda c.s. (72) Ralf Arnoldus Antonius Adams Hendricus Johannes Bernardus Wijnans Cornelis Gerardus Henricus Maria van de Wiel Eric Coenraad Huijding (41) 13.11.2023	(51) B65G 57/30 (21) 2031793 (22) 06.05.2022 (54) Stapelinrichting voor eiertrays (71) Hedipack Technology Beheer B.V. (74) ir. A. Blokland c.s. (72) Berend Derk Grootherder (41) 14.11.2023	(51) C05F 17/986 C05F 17/60 C05F 17/70 C12M 3/04 C12M 1/00 C12M 1/02 C05F 17/993 C05F 17/20 (21) 2034351 (22) 16.03.2023 (54) AEROBIC COMPOSTING SYSTEM (71) Huazhong University of Science and Technology (74) dr. T. Wittop Koning PhD (72) Zhiquan Hu Biao Gao Xiuping Wang Xun Wang Lei Huang Shiming Liu Bo Xiao Yu Wang Yongsheng Jia
(51) B60S 1/34 B60S 1/48 (21) 2031714 (22) 26.04.2022 (54) MOUNTING HEAD (71) TRICO BELGIUM S.A. (74) dr. ir. G.J.C. Verdijck c.s. (72) Eric Coos	(51) B65H 18/10 B65H 75/14 B29D 30/00 (21) 2031790 (22) 06.05.2022 (54) Stock reel, wind-up station comprising said stock reel and method for winding- up a continuous strip (71) VMI Holland B.V. (74) ir. F.A. Geurts c.s. (72) Gerardus Johannes Catharina van Laar (41) 14.11.2023	(51) C05F 17/986 C05F 17/60 C05F 17/70 C12M 3/04 C12M 1/00 C12M 1/02 C05F 17/993 C05F 17/20 (21) 2034351 (22) 16.03.2023 (54) AEROBIC COMPOSTING SYSTEM (71) Huazhong University of Science and Technology (74) dr. T. Wittop Koning PhD (72) Zhiquan Hu Biao Gao Xiuping Wang Xun Wang Lei Huang Shiming Liu Bo Xiao Yu Wang Yongsheng Jia
(51) B60T 8/17 G01L 11/00 G01L 19/08 G01L 19/14 (21) 2034702 (22) 26.04.2023 (54) PRESSURE SENSOR FOR MONITORING WIND PRESSURE OF BRAKE CYLINDER OF FREIGHT TRAIN (71) Shenzhen Kemin Sensor Co., Ltd. (74) ir. W.J.J.M. Kempes (72) Qiang Zeng (31) 2022104518368 (32) 27.04.2022 (33) China	(51) B66F 3/02 B66B 5/04 (21) 1044313 (22) 02.05.2022 (54) Een Antivalbeveiligheidsapparaat Bij Lage Snelheid (71) Shanghai Construction Science Research Institute Technology Development Co., Ltd. (74) drs. O. Griebing (72) Xuetao Qin Aihua Chen Jianjian Wang Wenhe Han Minghao Mu Mingyang Li	(51) C05G 1/10 (21) 2034652 (22) 21.04.2023 (54) UREA POTASSIUM FERTILIZER FOR IMPROVING THE NITROGEN UTILIZATION RATE (71) Henan Bazhong Modern Agriculture Co., Ltd. (74) ir. W.J.J.M. Kempes (72) Baoguang Zhang Shaohua Liu Bin Wu Hualin Ren
(51) B62B 3/06 (21) 2031787 (22) 05.05.2022		

Jinshui Wang	METHOD AND APPLICATION	C12N 9/00
Tianjun Yang	THEREOF	C12P 1/04
Zhiping Wei	(71) SOUTHWEST FORESTRY UNIVERSITY	A01N 63/22
Liuwang Ren	(74) dr. T. Wittop Koning PhD	C12R 1/07
Dan Zhang	(72) Hui Wang	A01N 63/20
(31) 202210450403.0	Guanben Du	C12R 1/01
(32) 28.04.2022	Xiaojian Zhou	A01N 63/00
(33) China	(31) 202210446347.3	A01N 65/00
(51) C07K 14/04	(32) 26.04.2022	(21) 2031759
A61K 39/25	(33) China	(22) 02.05.2022
(21) 2032309	(51) C09K 17/52	(54) Bacillus and its Application and Multi-strain Fermentation Compound Fermentation Plant Enzyme
(22) 28.06.2022	A01F 25/13	(71) Guangxi Academy of Agricultural Sciences
(54) VARICELLA-ZOSTER VIRUS VACCINE AND APPLICATION THEREOF	A01G 13/02	(74) ir. W.J.J.M. Kempes
(71) Taizhou BiVo Biotech. Co., Ltd.	C08J 5/18	(72) Chunjin Hu
(74) ir. M.B. Plaggenborg	(21) 2034760	Yuanwen Wei
(72) Anlin Jiang	(22) 04.05.2023	Guoying Shi
(31) 202210470522.2	(54) WEATHER-RESISTANT BIODEGRADABLE FILM, AND PREPARATION METHOD AND USE THEREOF	Quan Zeng
(32) 28.04.2022	(71) Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences	Xuelian Ye
(33) China	(74) ir. W.J.J.M. Kempes	(41) 13.11.2023
(51) C07K 14/415	(72) Qi Liu	(51) C12N 1/20
C12N 15/82	Wenqing He	A23K 10/18
(21) 2033935	(31) 2022104883450	A23K 40/30
(22) 10.01.2023	(32) 07.05.2022	C12N 1/02
(54) TEA PLANT AQUAPORIN GENE CSAQP95 AND APPLICATION THEREOF	(33) China	C12N 1/36
(71) Anhui Agricultural University	(51) C10L 10/10	(21) 2034764
(74) ir. M.B. Plaggenborg	C10L 1/16	(22) 04.05.2023
(72) Junjie Wang	C10L 1/185	(54) High-temperature Resistant Enterococcus Faecium, High-stability Microcapsule Preparation and Preparation Method thereof
Xiaohong Lian	C10L 1/14	(71) Academy of National Food and Strategic Reserves Administration
Xiaocao Luo	C10L 1/30	(74) ir. W.J.J.M. Kempes
Xiaojuan Fan	(21) 2031739	(72) Tao Duan
Xinpeng Zhao	(22) 29.04.2022	Lin Qiao
Tianyuan Yang	(54) FUEL ADDITIVE	Aike Li
Zhaoliang Zhang	(71) WRT B.V.	Lixian Chen
(41) 13.11.2023	(74) ir. J.C. Volmer c.s.	Dan Song
(31) 202210475300.X	(72) Gijbertus Cornelis Spruijt	Li Wang
(32) 29.04.2022	(41) 13.11.2023	Weiwei Wang
(33) China	(51) C12M 1/12	(31) 202210480031.6
(51) C08G 71/04	A61L 2/00	(32) 05.05.2022
(21) 2034668	C12M 3/04	(33) China
(22) 24.04.2023	C12M 1/00	(51) C12Q 1/6876
(54) POLYURETHANE AND PREPARATION THEREOF, AND SUPRAMOLECULAR POLYURETHANE ELASTOMER AND PREPARATION AND APPLICATION THEREOF	G01N 33/569	(21) 2031743
(71) Lanzhou Institute of Chemical Physics, CAS	(21) 2034387	(22) 29.04.2022
(74) ir. W.J.J.M. Kempes	(22) 21.03.2023	(54) Identification and Characterization of RNA-Long Non-Coding in the Longissimus dorsi muscles of Yak
(72) Jing Xu	(54) A detection device for the prevention and control of African swine fever	(71) LANZHOU INSTITUTE OF HUSBANDRY AND PHARMACEUTICAL SCIENCES OF CAAS
Yaoming Zhang	(71) Shandong Provincial Center for Animal Disease Control (Shandong Provincial Center for Zoonoses Epidemiology Investigation and Surveillance)	(74) ir. W.J.J.M. Kempes
Tingmei Wang	(74) ir. W.J.J.M. Kempes	(72) Ping Yan
Zenghui Yang	(72) Shengfu Sun	Chunnian Liang
Xiaoyue Wang	Guandong Wang	Xiaoming Ma
Xinrui Zhang	Yanhan Liu	Xian Guo
Qihua Wang	Cun Liu	(41) 13.11.2023
(31) 202210484574.5	Jie Liu	(51) C23C 14/16
(32) 06.05.2022	Lei Li	C23C 14/58
(33) China	Fakai Li	C23C 14/35
(51) C09J 189/04	Yungang Li	C23C 14/24
C08L 97/02	Yujie Li	C25D 13/02
(21) 2034662	Zouran Lan	H01F 1/057
(22) 23.04.2023	(41) 10.11.2023	H01F 41/02
(54) HIGH-PERFORMANCE PROTEIN-BASED ADHESIVE, PREPARATION	(51) C12N 1/20	
	A01N 63/50	

(21) 2031758	(51) E02D 5/30	(22) 28.04.2022
(22) 02.05.2022	E02D 5/52	(54) Air break inrichting in het bijzonder voor in een afvoer van afvalwater
(54) METHOD FOR PROMOTING MAGNETIC PROPERTIES OF SINTERED NEODYMIUM-IRON-BORON (Nd-Fe-B) MAGNET	E02D 5/10	(71) Q-Blue B.V.
(71) Jiangxi University of Science and Technology	E02D 5/22	(72) H.T. Muller
Guorui Scientific Innovation Rare Earth Functional Materials (Ganzhou) Co., Ltd	E02D 5/34	(51) E04B 1/343
(74) ir. W.J.J.M. Kempes	E02D 5/50	E04B 1/348
(72) Munan Yang	E02D 5/24	E04H 15/26
Shuwei Zhong	E02D 5/20	(21) 2031707
Sangen Luo	E02D 27/12	(22) 26.04.2022
Bin Yang	(21) 2031784	(54) MODULAR BUILDING AND CONSTRUCTION METHOD
Jun Mei	(22) 05.05.2022	(71) CapCabin B.V.
(41) 13.11.2023	(54) A method for providing a concrete pile and a concrete pile	(74) ir. J.C. Volmer c.s.
(51) E01C 7/18	(71) HPSchroefpaal Beheer B.V.	(72) Gerben Johan Kirchhoff
(21) 2034278	(74) ir. W.J.J.M. Kempes	Bart Jakob Heinrich Steenge
(22) 07.03.2023	(72) Martien Willem Kool	(51) E04F 15/02
(54) HOT-IN-PLACE RECYCLING CONSTRUCTION METHOD OF POROUS ASPHALT COURSE	Johannes Maria Veenman	(21) 2031767
(71) JIANGSU AOXIN SCIENCE&TECHNOLOGY CO.,LTD RESEARCH INSTITUTE OF HIGHWAY MINISTRY OF TRANSPORT	(51) E02D 27/32	(22) 03.05.2022
(74) dr. T. Wittop Koning PhD	(21) 2031751	(54) VLOERSYSTEEM, GEÏSOLEERDE VLOERTEGEL EN WERKWIJZE VOOR HET LEGGEN VAN EEN VLOER
(72) Mingliang Li	(22) 01.05.2022	(71) Fassat Intellectual Property B.V.
Hao Wu	(54) CONNECTION SYSTEM AND CONNECTION METHOD OF PREFABRICATED STACKING FOUNDATION AND FULLY-PREFABRICATED SHEAR WALL	(74) drs. C.H. Mink-Lindenburg
Jun Li	(71) SHANDONG UNIVERSITY	(72) Gerrit Cornelis Tadema
Zhe Wu	Linyi City Construction Engineering Working Drawing Examination Co., Ltd.	(41) 13.11.2023
(41) 14.11.2023	Shandong Yimeng Design Consulting Co., Ltd.	(51) E05C 9/04
(31) 202210892759.X	(74) ir. M.B. Plaggenborg	(21) 2031773
(32) 27.07.2022	(72) Fengmei Li	(22) 04.05.2022
(33) China	Zhirong Chu	(54) LATCHING MECHANISM FOR A MOVABLE PANEL
(51) E01C 11/06	Yong Wang	(71) Fort Nox's B.V.
(21) 1044308	Hetao Hou	(74) ir. J.C. Volmer c.s.
(22) 28.04.2022	Xinghai Zhang	(72) Johannes Jacob Hans Willem van der Kooij
(54) Inrichting voor het aanbrengen van een sleuf, in het bijzonder dilatatievoeg, in een te gieten betonconstructie.	Fangming Xiong	(41) 14.11.2023
(71) Willem Lensen	Guiyan Fu	(51) E05D 11/10
(74) ir. A. Blokland c.s.	Ning Wang	E05D 3/04
(72) Willem Lensen	Xiaozhen Zeng	E05D 5/12
(41) 13.11.2023	(41) 13.11.2023	(21) 2031766
(51) E02B 3/18	(51) E02F 5/00	(22) 03.05.2022
E02B 3/10	E02F 3/92	(54) Hinge, and hinge assembly and disassembly method
A01B 79/00	E02F 3/413	(71) Allegion Netherlands B.V.
A01B 79/02	E02F 3/96	(74) ir. H.A. Witmans c.s.
A01G 22/00	E02F 3/90	(72) Emiel Jan Gijsbert van Vugt
(21) 2033708	(21) 2031745	Adrianus Matthijs Terlouw
(22) 10.12.2022	(22) 29.04.2022	(41) 13.11.2023
(54) TIDAL FLAT WETLAND IN FRONT OF SEA DIKE AND RESTORATION METHOD THEREOF	(54) Inrichting en systeem voor het verplaatsen en/of verwijderen van een object	(51) E06B 9/17
(71) SHANGHAI LANDSCAPE ARCHITECTURE DESIGN & RESEARCH INSTITUTE CO.,LTD.	(71) Bell Dredging Pumps B.V.	E06B 9/42
(74) dr. T. Wittop Koning PhD	(74) dr. ir. G.J.C. Verdijck c.s.	(21) 2034710
(72) Wenji Wang	(72) Leon van der Bel	(22) 27.04.2023
Liya Wei	(41) 13.11.2023	(54) SCHERMINRICHTING EN AFSCHERMKAST HIERVOOR
Shanshan Miao	(51) E02F 9/28	(71) Vero Duco NV
Beibei Jing	(21) 2031780	(74) dr. R.C. van Duijvenbode c.s.
An Du	(22) 04.05.2022	(72) Luc Louis Renson
Zhihua Lv	(54) TAND VOOR EEN BAGGERWERKTUIG, TANDLICHAAM VOOR GEBRUIK IN DE TAND EN BAGGERWERKTUIG MET DE TAND	(41) 13.11.2023
Ying Zhu	(71) DREDGE YARD DMCC	(31) 2022/5330
(41) 10.11.2023	(74) ir. M.B. Plaggenborg	(32) 02.05.2022
	(72) Basel Yousef	(33) Belgium
	(51) E03C 1/10	(51) E06B 9/17
	(21) 1044304	E06B 9/42
		(21) 2034711
		(22) 27.04.2023
		(54) SCHERMINRICHTING EN AFSCHERMKAST HIERVOOR

(71) Vero Duco NV	Su Yan	Adrianus Franciscus Gerardus
(74) dr. R.C. van Duijvenbode c.s.	Yanling Yang	Schuurman
(72) Luc Louis Renson	Wuxian Wang	(41) 13.11.2023
(41) 13.11.2023	Qian Dong	(31) 2031760
(31) 2022/5329	Shengli Zhang	(32) 02.05.2022
(32) 02.05.2022	(41) 14.11.2023	(33) Netherlands
(33) Belgium	(51) F16L 57/06	(51) F24S 25/30
(51) E21B 7/04	(21) 2033123	H02S 20/24
E21B 7/20	(22) 23.09.2022	(21) 2031760
E21B 7/26	(54) Composite multi-layer pipe and	(22) 02.05.2022
(21) 2031778	preparation method thereof	(54) Montagesysteem
(22) 04.05.2022	(71) JIANGSU XCMG CONSTRUCTION	(71) Schuurman Beheer B.V.
(54) Directional drilling device	MACHINERY RESEARCH INSTITUTE	(74) drs. A.A. Jilderda
(71) Kormee B.V.	LTD.	(72) Jacobus Jan Schuurman
(74) ir. J.C. Volmer c.s.	(74) ir. F.A. Geurts c.s.	Adrianus Franciscus Gerardus
(72) Pieter Korpershoek	(72) Bo Chen	Schuurman
(51) E21B 23/06	Xiang Zhang	(51) F28D 20/00
E21B 34/14	(41) 10.11.2023	F24D 11/00
F16H 25/20	(31) 202210466098.4	F24S 60/30
H02K 7/06	(32) 29.04.2022	(21) 2031792
(21) 2034339	(33) China	(22) 06.05.2022
(22) 15.03.2023	(51) F16L 59/02	(54) INRICHTING VOOR HET OPSLAAN
(54) Linear Actuators, Motor Assemblies, and	(21) 1044303	VAN ENERGIE EN WERKWIJZE
Methods to Actuate a Device or Load	(22) 28.04.2022	DAARVOOR
(71) Halliburton Energy Services, Inc.	(54) Isolatiemantel ontworpen voor diverse	(71) Heatwacht Holding B.V.
(74) dr. ir. F.M. van Bouwelen	buisdiameters	(74) dr. ir. G.J.C. Verdijck c.s.
(72) Bruce Edward Scott	(71) Exincovers b.v.	(72) Johannus Stephanus Josephus Wolters
Shao Hwa Lee	(72) Adrianus Petrus Ludovicus van Meer	(51) G01N 1/10
(31) PCT/US2022/028623	(41) 13.11.2023	G01N 1/34
17/736,489	(51) F24D 3/08	(21) 2031711
(32) 10.05.2022	(21) 2031715	(22) 26.04.2022
04.05.2022	(22) 26.04.2022	(54) DEVICE FOR REALIZING GATHERING
(33) United States of America	(54) Verwarmingsinrichting	AND PRELIMINARY SEPARATION OF
United States of America	(71) TI-Green B.V.	SUSPENDED SOLIDS
(51) E21B 34/16	(74) ir. M. van der Velden	(71) Chinese Research Academy of
E21B 34/06	(72) Henricus Wilhelmus Petrus Maria	Environmental Sciences
(21) 2033945	Verhagen	(74) ir. M.B. Plaggenborg
(22) 11.01.2023	(41) 10.11.2023	(72) Shuhang Wang
(54) FAILSAFE SAFETY VALVE WITH	(51) F24F 1/06	Jinzhong Wang
LINEAR ELECTROMECHANICAL	F25B 47/00	Xia Jiang
ACTUATION CROSS-REFERENCE TO	(21) 1044316	Bo Zhang
RELATED APPLICATIONS	(22) 03.05.2022	Kun Wang
(71) Halliburton Energy Services, Inc.	(54) Werkwijze en inrichting ter bescherming	(41) 10.11.2023
(74) dr. ir. F.M. van Bouwelen	van een in de buitenlucht opgestelde	(51) G01N 33/24
(72) Bruce Edward Scott	warmtewisselaar tegen bevriezing en/of	G01N 33/18
(41) 10.11.2023	berijping	(21) 1044306
(31) 63/336,673	(71) Ronald Jansen	(22) 29.04.2022
17/964,789	(74) ir. A. Blokland c.s.	(54) Method and network of devices for the
(32) 29.04.2022	(72) Ronald Jansen	monitoring of surface water quality
12.10.2022	(41) 13.11.2023	(71) EasyMeasure B.V.
(33) United States of America	(51) F24F 1/58	(74) dr. ir. G.J.C. Verdijck c.s.
United States of America	(21) 2031756	(72) Mateo Mayer
(51) E21D 11/10	(22) 02.05.2022	Martijn Wagterveld
(21) 2031782	(54) Cover for an outdoor unit	Frank Akkerman
(22) 05.05.2022	(71) M & G Group Europe B.V.	Michiel Oudakker
(54) AN INTELLIGENT MONITORING	(74) dr. R.C. van Duijvenbode c.s.	(41) 13.11.2023
SYSTEM FOR TUNNEL SECONDARY	(72) Hendrik van Hoorn	(51) G01N 33/68
LINING CONCRETE POURING	Mareike Seitz	G01N 33/576
(71) THE 4TH ENGINEERING CO., LTD.	(51) F24S 25/30	G01N 33/50
OF CHINA RAILWAY 16TH BUREAU	H02S 20/24	(21) 2034988
GROUP	(21) 2034747	(22) 03.06.2023
CHINA RAILWAY 16TH BUREAU	(22) 02.05.2023	(54) METHOD FOR MARKING TARGET
GROUP CO., LTD.	(54) Montagesysteem	PROGNOSIS DIAGNOSTIC IN
BEIJING JIAOTONG UNIVERSITY	(71) Schuurman Beheer B.V.	HEPATITIS E VIRUS RELATED ACUTE
(74) ir. W.J.J.M. Kempes	(74) drs. A.A. Jilderda	LIVER FAILURE
(72) Mingli Huang	(72) Jacobus Jan Schuurman	
Qingbo Song		
Xiaolu Tian		

- | | | |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| (71) THE FIRST AFFILIATED HOSPITAL, ZHEJIANG UNIVERSITY SCHOOL OF MEDICINE | (71) Zhuhai Nengdong Technology Optical Industry Co., Ltd. | URBAN GREEN INFRASTRUCTURE ALONG URBAN EXPANSION AXIS AND SYSTEM FOR COMPREHENSIVE EVALUATION OF URBAN ECOLOGICAL PATTERN |
| (74) SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY | (74) dr. T. Wittop Koning PhD | |
| (72) SUZHOU MUNICIPAL HOSPITAL | (72) Xiaoming Deng | (71) Chinese Academy of Surveying and Mapping |
| (74) drs. C.M.A. Quintelier | Wei Peng | WUHAN GEOMATICS INSTITUTE |
| (72) Hongcui Cao | Yang Yang | (74) ir. W.J.J.M. Kempes |
| Jiong Yu | Yongjie Du | (72) Wei Hou |
| Jian Wu | Weiguo Zhang | Liang Zhai |
| Guanghua Zhai | Zhixin Li | Qinghua Qiao |
| Ze Xiang | (51) G06F 1/16 | Jingyang Li |
| Ying Wang | G06F 1/26 | Mingwu Guo |
| Yijin Wang | (21) 2031737 | Renchun Tan |
| (31) 202210930871.8 | (22) 29.04.2022 | (31) 202210481980.6 |
| (32) 04.08.2022 | (54) DEVICE CHASSIS SEPARATION DETECTION | (32) 05.05.2022 |
| (33) China | (71) Microsoft Technology Licensing, LLC | (33) China |
| (51) G01V 5/08 | (74) ir. J.C. Volmer c.s. | |
| (21) 2033717 | (72) Ji Sun | |
| (22) 14.12.2022 | Lester Hing Kwok Lao | (51) G06T 7/00 |
| (54) URANIUM ORE CHECKING DEVICE | Leila Asfari | G06V 10/70 |
| (71) Hangzhou Xiangting Technology Co., Ltd | (51) G06F 1/30 | (21) 2034690 |
| (74) drs. C.M.A. Quintelier | G06N 3/04 | (22) 26.04.2023 |
| (72) Dan Wu | G06F 11/32 | (54) METHOD AND APPARATUS OF TRAINING RADIATION IMAGE RECOGNITION MODEL ONLINE, AND METHOD AND APPARATUS OF RECOGNIZING RADIATION IMAGE |
| Shuaixing He | (21) 2034766 | (71) NUCTECH COMPANY LIMITED |
| Yewei Sheng | (22) 05.05.2023 | Tsinghua University |
| Zhenbo Tang | (54) ALARMING METHOD FOR MICRO-SERVICE INDEX PREDICTION BASED ON CAUSALITY TEST | (74) dr. R.C. van Duijvenbode c.s. |
| Geng Yang | (71) Beihang University | (72) Zhiqiang Chen |
| Hairen Sun | (74) ir. W.J.J.M. Kempes | Ao Zheng |
| Hongzhao Liu | (72) Suozhao Ji | Hu Tang |
| Yuan Wang | Jingbo Yang | Shuo Wang |
| Wanli Yu | Wenjun Wu | Ji Zhao |
| Ke Xu | (31) 202210478087.8 | Li Zhang |
| Kun Kang | (32) 05.05.2022 | Yunda Sun |
| Mingyue Cao | (33) China | Lei Lei |
| Zhiyi Li | (51) G06F 3/01 | (31) 202210478943.X |
| Hai Li | H04N 13/366 | (32) 29.04.2022 |
| Canqi Fang | H04N 13/302 | (33) China |
| Wei Chen | G02B 27/00 | (51) G09B 29/02 |
| Qili Liu | (21) 2031747 | G09B 27/00 |
| Changsheng Fu | (22) 29.04.2022 | G09B 29/00 |
| Lang Liu | (54) LATENCY REDUCTION IN AN EYE TRACKER OF AN AUTOSTEREOSCOPIC DISPLAY DEVICE | (21) 2031772 |
| Wenlong Zhou | (71) Dimenco Holding B.V. | (22) 04.05.2022 |
| (31) 202210488872.1 | (74) dr. T. Hubregtse | (54) Inrichting voor het weergeven van een bolvormig object in een plat vlak |
| (32) 07.05.2022 | (72) Pieter Wilhelmus Theodorus de Jong | (71) Cornelis Johannes van de Werdt |
| (33) China | Jurjen Caarls | (74) ir. M.B. Plaggenborg |
| (51) G03B 21/00 | (51) G06F 3/041 | (72) Cornelis Johannes van de Werdt |
| G09F 19/18 | G06F 3/0488 | (41) 14.11.2023 |
| E01F 9/576 | (21) 2031789 | (51) G16H 40/20 |
| G09F 19/22 | (22) 06.05.2022 | G06Q 50/00 |
| (21) 2031763 | (54) AGGREGATED LIKELIHOOD OF UNINTENTIONAL TOUCH INPUT | G16H 50/80 |
| (22) 02.05.2022 | (71) Microsoft Technology Licensing, LLC | (21) 2031721 |
| (54) SYSTEM AND METHOD FOR PROJECTING A LINE OF LIGHT ON A SURFACE | (74) ir. J.C. Volmer c.s. | (22) 27.04.2022 |
| (71) EPEON | (72) Gilad Pundak | (54) INTELLIGENT HOSPITAL MANAGEMENT SYSTEM |
| (74) dr. ir. G.J.C. Verdijck c.s. | Hanan Grinberg | (71) Suno (Shandong) Information Technology Co., Ltd. |
| (72) Ronald Hans van der Voort | Eran Arbel | (74) ir. M.B. Plaggenborg |
| Max Christian Funck | (51) G06Q 10/06 | (72) Yuxing Guan |
| Lars Nakotte | G06Q 50/26 | Yuliang Guo |
| (41) 13.11.2023 | (21) 2033979 | |
| (51) G03F 7/095 | (22) 18.01.2023 | (51) G21F 1/12 |
| (21) 2032627 | (54) SYSTEM FOR MEASUREMENT OF SPATIAL DISTRIBUTION EQUITY OF | (21) 2032427 |
| (22) 28.07.2022 | | (22) 08.07.2022 |
| (54) RESISTANCE WELDING DRY FILM PHOTORESIST AS WELL AS PREPARATION METHOD USE THEREOF | | |

(54) COMPOSITE STRUCTURE FOR SHIELDING AND ABSORBING X-RAYS	H01R 13/60
(71) Zhejiang University	(21) 1044320
(74) dr. T. Wittop Koning PhD	(22) 06.05.2022
(72) Weimin Zhang	(54) Inrichting voor het beveiligd opladen van accu's
Xinhong Wang	(71) Stefan Werner Muller
Hongzhu Wang	(72) Stefan Werner Muller
Zhongkun Bao	(41) 14.11.2023
(41) 10.11.2023	(51) H02J 7/02
(51) H01L 27/01	H02J 50/20
H01L 31/04	H02J 50/00
(21) 2034305	(21) 2031744
(22) 09.03.2023	(22) 29.04.2022
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE	(54) A channel sensing circuit and an apparatus comprising the circuit
(71) JINKO SOLAR CO., LTD.	(71) Technische Universiteit Delft
Zhejiang Jinko Solar Co., Ltd.	(74) dr. R.C. van Duijvenbode c.s.
(74) ir. J.C. Volmer c.s.	(72) Suryansh Sharma
(72) Shijie Zhao	Niels Hinderikus Hokke
Jiahao Wu	Ranga Rao Venkatesha Prasad
Hao Wang	Sujay Narayana
Wenqi Li	(41) 13.11.2023
Ding Yu	(51) H02M 1/00
Zhao Wang	H02M 1/32
Jie Yang	H02M 7/49
Jialei Chai	(21) 2031746
Xiaowen Zhang	(22) 29.04.2022
(31) 202221032637.5	(54) REMAINING LIFETIME ESTIMATION METHOD FOR ELECTRONIC POWER CONVERTERS
202210474482.9	(71) Prodrive Technologies Innovation Services B.V.
(32) 29.04.2022	(74) ir. M. van der Velden
29.04.2022	(72) Joost Johan van Straalen
(33) China	Junnan Xu
China	(41) 13.11.2023
(51) H01L 29/12	(51) H02S 20/24
H01L 29/15	F24S 25/16
H01L 29/165	F24S 25/617
(21) 2031791	F24S 25/632
(22) 06.05.2022	F24S 25/65
(54) Buried-channel semiconductor heterostructures with enhanced band offset	F24S 40/80
(71) Technische Universiteit Delft	(21) 2031762
(74) ir. A.R. Aalbers	(22) 02.05.2022
(72) Alberto Tosato	(54) Brandvertragende bevestigingsinrichting voor zonnepanelen
Giordano Scappucci	(71) Van der Valk Systemen B.V.
(51) H01M 8/18	(74) dr. R.C. van Duijvenbode c.s.
(21) 2031727	(72) Vincent Prins
(22) 28.04.2022	(41) 13.11.2023
(54) Alkaline hydrogen/iodine battery	(51) H04L 1/00
(71) Technische Universiteit Delft	(21) 2031705
(74) drs. P.A. van Essen c.s.	(22) 26.04.2022
(72) Kaustub	(54) Band-Enumerative Sphere shaping and Logarithmic based Constant composition Distribution matching encoding techniques
David Arie Vermaas	(71) Technische Universiteit Eindhoven
Matthäa Verena Holland-Cunz	(74) ir. A. Blokland c.s.
(41) 13.11.2023	(72) Yunus Can Gültekin
(51) H02G 3/08	Alex Alvarado
H02G 3/12	Frans M.J. Willems
(21) 2031770	(41) 10.11.2023
(22) 04.05.2022	
(54) Installation box assembly and method for assembling said installation box assembly	
(71) Attema B.V.	
(74) ir. J.C. Volmer c.s.	
(72) Antonie de Hoog	
(51) H02J 7/00	
H01R 13/70	

NP2

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

(51) A01B 39/22	(47) 14.11.2023	(54) ELECTROMAGNETIC-INDUCTION
A01B 19/02	(22) 05.05.2022	HIGH-FREQUENCY HEATING
A01B 35/22	(54) SIMPLE METHOD FOR PRECISELY	CIGARETTE DEVICE FOR CARTRIDGE
(11) 2031182	SCREENING SEEDLING	OF ELECTRONIC CIGARETTE
(47) 10.11.2023	TETRAPLOIDS OF 'GOUTOU' SOUR	(73) Shanghai ENXI Bio-Technology Co.,Ltd
(22) 08.03.2022	ORANGE	Ningbo Yilan Yasi Skin Care Products
(54) A hoe attachment, a hoe tool, a hoe and	(73) Zhejiang Citrus Research Institute	Co., Ltd.
harrow tool, an agricultural device, and a	(72) Ping Wang	(72) Qijun Ye
method for using an agricultural device	Fuzhi Ke	Xuli Qian
(73) Man@Machine B.V.	Lifang Sun	(74) ir. F.A. Geurts c.s.
(72) Jozef Lucas Maria Pelgröm	Zhenpeng Nie	<hr/>
(74) ir. M. van der Velden	Xiu Huang	(51) A47C 3/02
(31) 2027895	Jianguo Xu	A47C 7/50
(32) 31.03.2021	(74) ir. W.J.J.M. Kempes	A47C 1/034
(33) Netherlands	<hr/>	(11) 2027297
<hr/>	(51) A01H 4/00	(47) 13.11.2023
(51) A01C 1/00	A01G 9/029	(22) 11.01.2021
(11) 2031717	(11) 2031718	(54) SWINGING BASKET CHAIR WITH
(47) 10.11.2023	(47) 10.11.2023	FOOTREST
(22) 27.04.2022	(22) 27.04.2022	(73) LINHAI XINGHE ARTS & CRAFTS CO.,
(54) METHOD FOR PROMOTING SEED	(54) FULL-SUNLIGHT ENERGY-SAVING	LTD.
GERMINATION OF MALLOWUS	CULTURE ROOM FOR TISSUE	(72) Fengming Yu
NEPALENSIS MÜLL.ARG. AFTER	CULTURE SEEDLING	(74) M. Schmid
CRYOPRESERVATION	(73) Zhaotong Academy of Agricultural	(31) 202022367885.2
(73) Kunming Institute of Botany, Chinese	Sciences (Zhaotong Agricultural Science	(32) 22.10.2020
Academy of Sciences	and Technology Promotion Center)	(33) China
(72) Yajuan Yang	(72) Chun Pu	<hr/>
Hui Li	Yuanjian Liu	(51) A47K 10/46
Xiangyun Yang	Zuo Hu	(11) 1044302
Lei Fan	Jie Zhao	(47) 13.11.2023
Cheng Liu	Qingfeng Zhang	(22) 29.04.2022
Lan Yang	Xiaohong Liu	(54) Inrichting voor afgifte van sanitaire
Xiaojian Hu	Jiankang Yang	tissues voor gebruik bij herenurinoirs
Jie Cai	Weiji Song	en voor het bergen van die tissues na
Li Huang	Zhou Li	gebruik
(74) ir. M.B. Plaggenborg	Xiaojiao Wang	(73) Jermain Steffeny Dosoe
<hr/>	(74) ir. M.B. Plaggenborg	(72) Jermain Steffeny Dosoe
(51) A01G 31/02	(51) A23N 1/00	(74) ir. A. Blokland c.s.
(11) 2031783	A23N 1/02	<hr/>
(47) 14.11.2023	B26D 3/26	(51) A61B 6/00
(22) 05.05.2022	A23N 15/00	(11) 2032429
(54) CULTIVATION RECEPTACLE	A23N 12/02	(47) 10.11.2023
COMPRISING A WATER DISTRIBUTOR	(11) 2034381	(22) 08.07.2022
(73) Corné Klep Holding BV	(47) 13.11.2023	(54) INTELLIGENT EXPOSURE CONTROL
(72) Corné Cornelis Adrianus Wilhelmus	(22) 08.12.2021	SYSTEM AND METHOD
Maria Klep	(54) A CITRUS HALVES CUTTING	(73) Zhejiang University
(74) dr. ir. G.J.C. Verdijck c.s.	APPARATUS	(72) Zhongkun Bao
<hr/>	(62) 2030083 (08.12.2021)	Zhe Zhang
(51) A01G 31/04	(73) PEELPIONEERS B.V.	Xinhong Wang
(11) 2031752	(72) Jaap Dane	Mengxi Xu
(47) 13.11.2023	Antonis Godefridus Theodorus van	Hongzhu Wang
(22) 02.05.2022	Lammeren	Jucheng Zhang
(54) GERMINATION UNIT FOR ROTATING	Mark Derks	(74) dr. T. Wittop Koning PhD
HORTICULTURAL GROWING SYSTEM	Sander Johannes Antonius Wieman	<hr/>
(73) PB Techniek B.V.	(74) ir. M. Cramwinckel	(51) A61F 11/08
(72) Koenraad Hedricus Maria Brabander	<hr/>	(11) 2031761
(74) dr. ir. G.J.C. Verdijck c.s.	(51) A24F 47/00	(47) 13.11.2023
<hr/>	H05B 6/06	(22) 02.05.2022
(51) A01H 1/04	(11) 2031775	(54) Earplug
A01H 5/08	(47) 14.11.2023	(73) Pro Develop B.V.
A01G 17/00	(22) 04.05.2022	(72) Abraham Gijsbert de Koning
A01H 6/78		(74) dr. R.C. van Duijvenbode c.s.
(11) 2031781		<hr/>
		(51) A61G 17/007
		B65D 5/44

(11) 2034727	Lyon Anne Martijn Tuinte	Yanqing Ji
(47) 13.11.2023	Erwin Nico Heijblom	(74) dr. T. Wittop Koning PhD
(22) 28.04.2023	(74) ir. H.A. Witmans c.s.	(51) B23K 26/035
(54) EEN METHODE VOOR HET VERVAARDIGEN VAN EEN WAND	(51) A63G 7/00	G02B 7/24
(73) Findes	(11) 2031730	B23K 26/08
(72) Jacques Desmet	(47) 10.11.2023	(11) 2028291
(74) dr. A. Ellens c.s.	(22) 28.04.2022	(47) 14.11.2023
(31) 2022/5315	(54) Rollercoaster switch back for a reverse ride on trajectory segment track.	(22) 26.05.2021
(32) 29.04.2022	(73) Vekoma Rides Engineering B.V.	(54) Laserapparaat voor het richten van een laserbundel
(33) Belgium	(72) Benjamin Ferdinandszoon Bloemendaal	(73) P-LASER N.V.
(51) A61K 39/00	(74) ir. J.C. Volmer c.s.	(72) Jean Claude Marie Philippron
A61K 39/215	(51) B01D 53/58	(74) ir. J.C. Volmer c.s.
A61P 31/10	C01C 1/04	(31) 2020/5414
A61P 31/12	B01D 53/00	(32) 09.06.2020
A61P 31/04	B01D 53/04	(33) Belgium
A61P 33/02	(11) 2031757	(51) B24B 27/033
(11) 2031731	(47) 13.11.2023	B24B 33/02
(47) 13.11.2023	(22) 02.05.2022	B24B 39/02
(22) 28.04.2022	(54) Ammonia separation system for an ammonia synthesis loop.	B24B 39/04
(54) Novel Peptide Conjugate Vaccines	(73) Proton Ventures B.V.	B23D 67/04
(73) Stichting VUmc	(72) Gerard van Zee	F02F 1/00
(72) Arjan Willem Griffioen	(74) dr. A. Ellens c.s.	(11) 2034469
Elisabeth Johanna Maria Huijbers	(51) B01J 21/06	(47) 10.11.2023
Karlijn van Loon	B01J 21/18	(22) 30.03.2023
(74) dr. A. Krebs	B01J 23/50	(54) SINGLE-CYLINDER DIESEL ENGINE BODY MACHINING DEVICE
(51) A61L 2/22	B01J 35/00	(73) Zhejiang Tongji Vocational College of Science and Technology
A61L 2/24	B01J 37/02	(72) Yongqi Jin
A61L 9/14	C02F 1/72	Fan Jiang
(11) 2033814	(11) 2031042	Liandong Sun
(47) 14.11.2023	(47) 10.11.2023	Xincheng Sun
(22) 23.12.2022	(22) 22.02.2022	(74) drs. C.M.A. Quintelier
(54) APPARAAT, SYSTEEM EN WERKWIJZE VOOR HET DESINFECTEREN VAN EEN KAMER	(54) TERNARY VISIBLE LIGHT PHOTOCATALYTIC NANOCOMPOSITE AND PREPARATION METHOD THEREOF	(51) B26B 27/00
(73) ROAM TECHNOLOGY NV	(73) GUILIN UNIVERSITY OF TECHNOLOGY	B65D 77/40
(72) Jos Roebben	(72) Ming Li	B65D 5/42
(74) dr. ir. G.J.C. Verdijck c.s.	Chuanfu Shan	B65D 5/52
(31) 2021/6074	(74) ir. M.B. Plaggenborg	B65D 5/02
(32) 27.12.2021	(31) 20211495191.X	(11) 2031724
(33) Belgium	(32) 08.12.2021	(47) 10.11.2023
(51) A61P 35/00	(33) China	(22) 28.04.2022
A61K 31/7042	(51) B04B 7/12	(54) METHOD FOR ATTACHING A BOX CUTTER TO A BOX, METHOD FOR OPENING A BOX, BOX CUTTER, BOX OPENING ASSEMBLY, AND BOX
C07H 15/26	B04B 1/04	(73) Maze Investment Group B.V.
C07H 15/207	(11) 2031708	(72) Stefan Michael Cornelis Gerardus Antonius Robertus Zentveld
(11) 2031742	(47) 10.11.2023	(74) drs. J. Renkema
(47) 13.11.2023	(22) 26.04.2022	(51) B29C 64/357
(22) 29.04.2022	(54) Plate assembly for a separation device	G01N 33/487
(54) Pseudo-Disaccharide Compounds	(73) Biorganics UFT B.V.	B33Y 10/00
(73) Universiteit Leiden	(72) Cornelius Petrus Antonius Vissers	B01L 3/00
University of York	(74) dr. ir. G.J.C. Verdijck c.s.	B01L 9/00
(72) Herman Overkleef	(51) B21C 37/08	(11) 2031786
Vincent Lit	C21D 8/10	(47) 14.11.2023
Gideon Davies	C22C 38/58	(22) 05.05.2022
Liang Wu	(11) 2032948	(54) Biodegradable and 3D printable lateral flow assay device
Casper de Boer	(47) 10.11.2023	(73) Okos Diagnostics B.V.
Sybrin Schröder	(22) 05.09.2022	(72) Sander Julian Brus
(74) dr. A. Krebs	(54) PROCESS FOR MANUFACTURING X80 STEEL GRADE MEDIUM-FREQUENCY INDUCTION HEATING BEND	Luis Fernando Sánchez Barrios
(51) A63C 17/01	(73) Hebei Hengtong Pipe Fittings Group Co.,Ltd	(74) dr. R.C. van Duijvenbode c.s.
B62K 3/00	(72) Lianxin Han	(51) B33Y 30/00
B62K 21/10	Lizhu Ji	B29C 64/245
(11) 2031765		(11) 2031725
(47) 13.11.2023		
(22) 03.05.2022		
(54) Scooter and kit of parts		
(73) Berg Toys Beheer B.V.		
(72) Hendrik van den Berg		
Wijnand Cornelis Scheurwater		

(47) 10.11.2023	(51) B62B 3/06	(51) B65G 57/30
(22) 28.04.2022	(11) 2031787	(11) 2031794
(54) PRINT BED ASSEMBLY FOR AN ADDITIVE MANUFACTURING SYSTEM	(47) 14.11.2023	(47) 14.11.2023
(73) Ultimaker B.V.	(22) 05.05.2022	(22) 06.05.2022
(72) Van Lent Arend-Jan	(54) A lifting device for lifting a roll container and method therefor	(54) Hefinrichting voor eiertrays
Jirí Konvicný	(73) Tecuma B.V.	(73) Hedipack Technology Beheer B.V.
(74) dr. R.C. van Duijvenbode c.s.	(72) Reinier de Waal	(72) Berend Derk Grootherder
(51) B41M 7/00	(74) ir. M. van der Velden	(74) ir. A. Blokland c.s.
B41J 11/00	(51) B64C 29/00	(51) B65H 18/10
(11) 2031741	B64C 3/56	B65H 75/14
(47) 13.11.2023	B64C 39/02	B29D 30/00
(22) 29.04.2022	(11) 2031701	(11) 2031790
(54) Digital Printing System and Method for Printing on a Radiation Transparent Substrate	(47) 10.11.2023	(47) 14.11.2023
(73) Xeikon Manufacturing N.V.	(22) 26.04.2022	(22) 06.05.2022
(72) Jürgen Norbert Bart Devlieghere	(54) Aeronautical vehicle and method of transitioning between flight modes for an aeronautical vehicle	(54) Stock reel, wind-up station comprising said stock reel and method for winding-up a continuous strip
Lode Erik Dries Deprez	(73) Technische Universiteit Delft	(73) VMI Holland B.V.
Nick Horemans	(72) Bart Diane Walter Remes	(72) Gerardus Johannes Catharina van Laar
(74) dr. ir. G.J.C. Verdijk c.s.	(74) ir. J.C. Volmer c.s.	(74) ir. F.A. Geurts c.s.
(51) B60K 1/04	(51) B65B 7/02	(51) C01G 39/00
(11) 2031785	(11) 2031788	B22F 1/05
(47) 14.11.2023	(47) 14.11.2023	B22F 9/22
(22) 05.05.2022	(22) 06.05.2022	C22C 1/04
(54) Packaging Spacebox for Fuel cells	(54) Opener for a zipper	B33Y 70/00
(73) DAF Trucks N.V.	(73) Qraffly Holding B.V.	(11) 2032094
(72) Albertus Clemens Maria van der Knaap	(72) Marcel Edwin Alexander Kampes	(47) 13.11.2023
(74) ir. H.A. Witmans c.s.	(74) ir. H.Th. van den Heuvel c.s.	(22) 08.06.2022
(51) B60L 3/00	(51) B65D 25/02	(54) METHOD FOR PREPARING LARGE SIZE MOLYBDENUM POWDER
B60L 3/04	B65D 5/42	(73) ZHENGZHOU UNIVERSITY
(11) 2031706	(11) 2033860	(72) Jilin He
(47) 10.11.2023	(47) 14.11.2023	Qingkui Li
(22) 26.04.2022	(22) 28.12.2022	Xiaochao Wu
(54) A high-voltage direct current circuit for an electric vehicle with a secondary relay	(54) Decorative device for cardboard or plastic boxes.	Jing Zhang
(73) Total Safety Solutions B.V.	(73) SanLucar Fruit, S.L.U.	Kaijun Yang
(72) Ralf Arnoldus Antonius Adams	(72) Maria Plasencia Ferrando	Chengduo Wang
Hendricus Johannes Bernardus Wijnans	(74) ir. A. Blokland c.s.	(74) ir. F.A. Geurts c.s.
Eric Coenraad Huijding	(31) 202132552	(31) 202110644480 5
Cornelis Gerardus Henricus Maria van de Wiel	(32) 29.12.2021	(32) 09.06.2021
(74) mr. ir. J. van Breda c.s.	(33) Spain	(33) China
(51) B60L 58/18	(51) B65G 47/14	(51) C04B 28/00
B60L 58/24	B65G 47/04	C04B 28/08
B60L 3/00	(11) 2029097	E01B 3/28
(11) 2031755	(47) 14.11.2023	(11) 2031726
(47) 13.11.2023	(22) 14.12.2020	(47) 13.11.2023
(22) 02.05.2022	(54) Werkwijze en inrichting voor het verenkeld aanvoeren van bloembollen	(22) 28.04.2022
(54) Een verbeterd batterij management systeem	(62) 2027100 (14.12.2020)	(54) Alkali-activated concrete for a prestressed railway sleeper
(73) Total Safety Solutions B.V.	(73) Havatec B.V.	(73) Technische Universiteit Delft
(72) Ralf Arnoldus Antonius Adams	(72) John Wijnands	(72) Timo Dijkstra
Hendricus Johannes Bernardus Wijnans	Erik Petrus van Kampen	Guang Ye
Cornelis Gerardus Henricus Maria van de Wiel	Arend van Duijn	Hua Dong
Eric Coenraad Huijding	Johannes Valk	(74) drs. P.A. van Essen c.s.
(74) mr. ir. J. van Breda c.s.	(74) ir. H.A. Witmans c.s.	(51) C05F 11/00
(51) B60S 1/34	(31) 2024741	C05G 3/00
B60S 1/48	(32) 23.01.2020	(11) 2031736
(11) 2031714	(33) Netherlands	(47) 13.11.2023
(47) 10.11.2023	(51) B65G 57/30	(22) 29.04.2022
(22) 26.04.2022	(11) 2031793	(54) METHOD FOR RAPIDLY EXTRACTING NUTRIENT COMPONENT BY GRINDING AND LIQUEFYING GREEN ALGAE AND PREPARATION METHOD FOR GREEN ALGAE ORGANIC COMPOUND FERTILIZER
(54) MOUNTING HEAD	(47) 14.11.2023	(73) Rizhao Xuri Composite Materials Co., Ltd.
(73) TRICO BELGIUM S.A.	(22) 06.05.2022	(72) Lipeng Ding
(72) Eric Coos	(54) Stapelinrichting voor eiertrays	
(74) dr. ir. G.J.C. Verdijk c.s.	(73) Hedipack Technology Beheer B.V.	
	(72) Berend Derk Grootherder	
	(74) ir. A. Blokland c.s.	

<p>Ran Ding (74) dr. T. Wittop Koning PhD</p> <hr/> <p>(51) C05F 17/986 C05F 17/60 C05F 17/70 C12M 3/04 C12M 1/00 C12M 1/02 C05F 17/993 C05F 17/20 (11) 2034351 (47) 14.11.2023 (22) 16.03.2023 (54) AEROBIC COMPOSTING SYSTEM (73) Huazhong University of Science and Technology</p> <p>(72) Zhiquan Hu Biao Gao Xiuping Wang Xun Wang Lei Huang Shiming Liu Bo Xiao Yu Wang Yongsheng Jia</p> <p>(74) dr. T. Wittop Koning PhD</p> <hr/> <p>(51) C07K 14/415 C12N 15/82 (11) 2033935 (47) 13.11.2023 (22) 10.01.2023 (54) TEA PLANT AQUAPORIN GENE CSAQP95 AND APPLICATION THEREOF (73) Anhui Agricultural University</p> <p>(72) Junjie Wang Xiaohong Lian Xiaocao Luo Xiaojuan Fan Xinpeng Zhao Tianyuan Yang Zhaoliang Zhang</p> <p>(74) ir. M.B. Plaggenborg (31) 202210475300.X (32) 29.04.2022 (33) China</p> <hr/> <p>(51) C10L 10/10 C10L 1/16 C10L 1/185 C10L 1/14 C10L 1/30 (11) 2031739 (47) 13.11.2023 (22) 29.04.2022 (54) FUEL ADDITIVE (73) WRT B.V. (72) Gijsbertus Cornelis Spruijt (74) ir. J.C. Volmer c.s.</p> <hr/> <p>(51) C12M 1/12 A61L 2/00 C12M 3/04 C12M 1/00 G01N 33/569 (11) 2034387 (47) 10.11.2023 (22) 21.03.2023 (54) A detection device for the prevention and control of African swine fever</p>	<p>(73) Shandong Provincial Center for Animal Disease Control (Shandong Provincial Center for Zoonoses Epidemiology Investigation and Surveillance)</p> <p>(72) Shengfu Sun Guandong Wang Yanhan Liu Cun Liu Jie Liu Lei Li Fakai Li Yungang Li Yujie Li Zouran Lan</p> <p>(74) ir. W.J.J.M. Kempes</p> <hr/> <p>(51) C12N 1/20 A01N 63/50 C12N 9/00 C12P 1/04 A01N 63/22 C12R 1/07 A01N 63/20 C12R 1/01 A01N 63/00 A01N 65/00 (11) 2031759 (47) 13.11.2023 (22) 02.05.2022 (54) Bacillus and its Application and Multi-strain Fermentation Compound Fermentation Plant Enzyme (73) Guangxi Academy of Agricultural Sciences</p> <p>(72) Chunjin Hu Yuanwen Wei Guoying Shi Quan Zeng Xuelian Ye</p> <p>(74) ir. W.J.J.M. Kempes (83) 22667 08.06.2021 China General Microbiological Culture Collection Center (CGMCC) Institute of Microbiology, Chinese Academy of Sciences, No. 1 West Beichen Road, Chaoyang District, Beijing 100 101, China 22669 08.06.2021 China General Microbiological Culture Collection Center (CGMCC) Institute of Microbiology, Chinese Academy of Sciences, No. 1 West Beichen Road, Chaoyang District, Beijing 100 101, China</p> <hr/> <p>(51) C12Q 1/6876 (11) 2031743 (47) 13.11.2023 (22) 29.04.2022 (54) Identification and Characterization of RNA-Long Non-Coding in the Longissimus dorsi muscles of Yak (73) LANZHOU INSTITUTE OF HUSBANDRY AND PHARMACEUTICAL SCIENCES OF CAAS</p> <p>(72) Ping Yan Chunnian Liang Xiaoming Ma</p>	<p>Xian Guo (74) ir. W.J.J.M. Kempes</p> <hr/> <p>(51) C22C 19/05 C22C 30/00 (11) 2035023 (47) 10.11.2023 (22) 07.06.2023 (54) Nb-ELEMENT MICRO-ALLOYED BULK MULTI-COMPONENT ALLOY WITH HIGH-TEMPERATURE RESISTANCE AND WEAR RESISTANCE, PREPARATION METHOD THEREFOR, AND APPLICATIONS THEREOF (73) Wuhan University of Science and Technology Band (Foshan) Metallic Composite Materials Co., Ltd. Sino-Energy Huayuan Floating Wind Institute</p> <p>(72) Kaiming Wu Lifu Yang</p> <p>(74) ir. W.J.J.M. Kempes (31) 202310324523.0 (32) 29.03.2023 (33) China</p> <hr/> <p>(51) C23C 14/16 C23C 14/58 C23C 14/35 C23C 14/24 C25D 13/02 H01F 1/057 H01F 41/02 (11) 2031758 (47) 13.11.2023 (22) 02.05.2022 (54) METHOD FOR PROMOTING MAGNETIC PROPERTIES OF SINTERED NEODYMIUM-IRON-BORON (Nd-Fe-B) MAGNET (73) Jiangxi University of Science and Technology Guorui Scientific Innovation Rare Earth Functional Materials (Ganzhou) Co., Ltd</p> <p>(72) Munan Yang Shuwei Zhong Sangen Luo Bin Yang Jun Mei</p> <p>(74) ir. W.J.J.M. Kempes</p> <hr/> <p>(51) E01C 7/18 (11) 2034278 (47) 14.11.2023 (22) 07.03.2023 (54) HOT-IN-PLACE RECYCLING CONSTRUCTION METHOD OF POROUS ASPHALT COURSE (73) JIANGSU AOXIN SCIENCE&TECHNOLOGY CO.,LTD RESEARCH INSTITUTE OF HIGHWAY MINISTRY OF TRANSPORT</p> <p>(72) Mingliang Li Hao Wu Jun Li Zhe Wu</p> <p>(74) dr. T. Wittop Koning PhD (31) 202210892759.X (32) 27.07.2022 (33) China</p>
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(51) E01C 11/06	Runqing Ye	(47) 14.11.2023
(11) 1044308	(74) dr. T. Wittop Koning PhD	(22) 04.05.2022
(47) 13.11.2023	(31) 202111345981.X	(54) TAND VOOR EEN BAGGERWERKTUIG, TANDLICHAAAM VOOR GEBRUIK IN DE TAND EN BAGGERWERKTUIG MET DE TAND
(22) 28.04.2022	(32) 15.11.2021	
(54) Inrichting voor het aanbrengen van een sleuf, in het bijzonder dilatatievoeg, in een te gieten betonconstructie.	(33) China	
(73) Willem Lensen	(51) E02D 27/32	(73) DREDGE YARD DMCC
(72) Willem Lensen	E04B 2/00	(72) Basel Yousef
(74) ir. A. Blokland c.s.	(11) 2031751	(74) ir. M.B. Plaggenborg
(51) E02B 3/18	(47) 13.11.2023	
E02B 3/10	(22) 01.05.2022	(51) E03C 1/10
A01B 79/00	(54) CONNECTION SYSTEM AND CONNECTION METHOD OF PREFABRICATED STACKING FOUNDATION AND FULLY-PREFABRICATED SHEAR WALL	(11) 1044304
A01B 79/02	(73) SHANDONG UNIVERSITY	(47) 13.11.2023
A01G 22/00	Linyi City Construction Engineering	(22) 28.04.2022
(11) 2033708	Working Drawing Examination Co., Ltd.	(54) Air break inrichting in het bijzonder voor in een afvoer van afvalwater
(47) 10.11.2023	Shandong Yimeng Design Consulting Co., Ltd.	(73) Q-Blue B.V.
(22) 10.12.2022	(72) Fengmei Li	(72) H.T. Muller
(54) TIDAL FLAT WETLAND IN FRONT OF SEA DIKE AND RESTORATION METHOD THEREOF	Zhirong Chu	(51) E04B 1/343
(73) SHANGHAI LANDSCAPE ARCHITECTURE DESIGN & RESEARCH INSTITUTE CO.,LTD.	Yong Wang	E04B 1/348
(72) Wenji Wang	Hetao Hou	E04H 15/26
Liya Wei	Xinghai Zhang	(11) 2031707
Shanshan Miao	Fangming Xiong	(47) 10.11.2023
Beibei Jing	Guiyan Fu	(22) 26.04.2022
An Du	Ning Wang	(54) MODULAR BUILDING AND CONSTRUCTION METHOD
Zhihua Lv	Xiaozhen Zeng	(73) CapCabin B.V.
Ying Zhu	(74) ir. M.B. Plaggenborg	(72) Gerben Johan Kirchhoff
(74) dr. T. Wittop Koning PhD	(51) E02D 31/00	Bart Jakob Heinrich Steenge
(51) E02D 5/30	E02D 3/10	(74) ir. J.C. Volmer c.s.
E02D 5/52	(11) 2031167	(51) E04F 15/02
E02D 5/10	(47) 10.11.2023	(11) 2031767
E02D 5/22	(22) 04.03.2022	(47) 13.11.2023
E02D 5/34	(54) SOIL PROTECTION STRUCTURE CAPABLE OF DECREASING WATER EVAPORATION	(22) 03.05.2022
E02D 5/50	(73) Institute of Water Resources for Pastoral Area, MWR	(54) VLOERSYSTEEM, GEÏSOLEERDE VLOERTEGEL EN WERKWIJZE VOOR HET LEGGEN VAN EEN VLOER
E02D 5/24	(72) Hao Rong	(73) Fassat Intellectual Property B.V.
E02D 5/20	Jie Ren	(72) Gerrit Cornelis Tadema
E02D 27/12	Dan Shan	(74) drs. C.H. Mink-Lindenburg
(11) 2031784	Jianying Guo	(51) E05C 9/04
(47) 14.11.2023	Tiegang Zhang	(11) 2031773
(22) 05.05.2022	Yanping Liu	(47) 14.11.2023
(54) A method for providing a concrete pile and a concrete pile	Ying Zheng	(22) 04.05.2022
(73) HPSchroefpaal Beheer B.V.	Guodong Tang	(54) LATCHING MECHANISM FOR A MOVABLE PANEL
(72) Martien Willem Kool	(74) ir. W.J.J.M. Kempes	(73) Fort Nox B.V.
Johannes Maria Veenman	(31) 202220216839.9	(72) Johannes Jacob Hans Willem van der Kooij
(74) ir. W.J.J.M. Kempes	(32) 26.01.2022	(74) ir. J.C. Volmer c.s.
(51) E02D 5/80	(33) China	(51) E05D 11/10
E04C 5/12	(51) E02F 5/00	E05D 3/04
(11) 2030784	E02F 3/92	E05D 5/12
(47) 14.11.2023	E02F 3/413	(11) 2031766
(22) 31.01.2022	E02F 3/96	(47) 13.11.2023
(54) RAPID CONSTRUCTION DEVICE AND METHOD FOR PRESTRESSED BASALT FIBER ANCHOR ROD	E02F 3/90	(22) 03.05.2022
(73) Wuhan Center, China Geological Survey (Central South China Innovation Center for Geosciences)	(11) 2031745	(54) Hinge, and hinge assembly and disassembly method
(72) Zhenwei Dai	(47) 13.11.2023	(73) Allegion Netherlands B.V.
Anle Zhang	(22) 29.04.2022	(72) Emiel Jan Gijsbert van Vugt
Shengtao Zhou	(54) Inrichting en systeem voor het verplaatsen en/of verwijderen van een object	Adrianus Matthijs Terlouw
YanJun Zhang	(73) Bell Dredging Pumps B.V.	(74) ir. H.A. Witmans c.s.
JinJun Guo	(72) Leon van der Bel	(51) E06B 9/17
Zhigang Du	(74) dr. ir. G.J.C. Verdijck c.s.	E06B 9/42
Xiaolin Fu	(51) E02F 9/28	(11) 2034710
	(11) 2031780	(47) 13.11.2023
		(22) 27.04.2023

- (54) SCHERMINRICHTING EN AFSCHEMKAAT HIERVOOR
(73) Vero Duco NV
(72) Luc Louis Renson
(74) dr. R.C. van Duijvenbode c.s.
(31) 2022/5330
(32) 02.05.2022
(33) Belgium
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- (51) E06B 9/17
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(11) 2034711
(47) 13.11.2023
(22) 27.04.2023
- (54) SCHERMINRICHTING EN AFSCHEMKAAT HIERVOOR
(73) Vero Duco NV
(72) Luc Louis Renson
(74) dr. R.C. van Duijvenbode c.s.
(31) 2022/5329
(32) 02.05.2022
(33) Belgium
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- (51) E21B 7/04
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(11) 2031778
(47) 14.11.2023
(22) 04.05.2022
(54) Directional drilling device
(73) Kormee B.V.
(72) Pieter Korpershoek
(74) ir. J.C. Volmer c.s.
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- (51) E21B 19/24
(11) 2034676
(47) 10.11.2023
(22) 24.04.2023
- (54) POSITIONING DEVICE FOR PETROLEUM EXPLOITATION DRILLING
(73) YANGTZE UNIVERSITY
(72) Jitian Xiang
Yong Feng
Fuxing Peng
Jiguang Tang
Xin Mu
(74) ir. M.B. Plaggenborg
-
- (51) E21B 33/128
(11) 2032590
(47) 14.11.2023
(22) 25.07.2022
- (54) HYDRAULIC SETTING CHAMBER ISOLATION MECHANISM FROM TUBING PRESSURE DURING PRODUCTION AND STIMULATION OF THE WELL
(73) Halliburton Energy Services, Inc.
(72) Chien Hsiang Benjamin Ong
Balaji Prasad Jutu Mothilal
Jalpan Piyush Dave
(74) dr. ir. F.M. van Bouwelen
(31) 17/469,693
(32) 08.09.2021
(33) United States of America
-
- (51) E21B 34/16
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(11) 2033945
(47) 10.11.2023
(22) 11.01.2023
- (54) FAILSAFE SAFETY VALVE WITH LINEAR ELECTROMECHANICAL ACTUATION CROSS-REFERENCE TO RELATED APPLICATIONS
(73) Halliburton Energy Services, Inc.
(72) Bruce Edward Scott
(74) dr. ir. F.M. van Bouwelen
(31) 63/336,673
17/964,789
(32) 29.04.2022
12.10.2022
(33) United States of America
United States of America
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- (51) E21D 11/10
(11) 2031782
(47) 14.11.2023
(22) 05.05.2022
- (54) AN INTELLIGENT MONITORING SYSTEM FOR TUNNEL SECONDARY LINING CONCRETE POURING
(73) THE 4TH ENGINEERING CO., LTD. OF CHINA RAILWAY 16TH BUREAU GROUP
CHINA RAILWAY 16TH BUREAU GROUP CO., LTD.
BEIJING JIAOTONG UNIVERSITY
(72) Mingli Huang
Qingbo Song
Xiaolu Tian
Su Yan
Yanling Yang
Wuxian Wang
Qian Dong
Shengli Zhang
(74) ir. W.J.J.M. Kempes
-
- (51) F16K 27/04
F16F 9/46
F16K 3/08
(11) 2034617
(47) 10.11.2023
(22) 18.04.2023
- (54) DAMPING CONTINUOUSLY VARIABLE SHOCK ABSORBER
(73) CHONGQING JIAOTONG UNIVERSITY
(72) Zhaoxue Deng
Yangrui Zhang
Kejian Dong
Ce Wang
(74) ir. M.B. Plaggenborg
(31) 202211189951.9
(32) 28.09.2022
(33) China
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- (51) F16K 31/04
F16F 9/46
F16K 3/08
(11) 2034616
(47) 10.11.2023
(22) 18.04.2023
- (54) DAMPING ADJUSTING VALVE WITH LIMITING DEVICE
(73) CHONGQING JIAOTONG UNIVERSITY
(72) Kejian Dong
Zhaoxue Deng
Ce Wang
Yangrui Zhang
(74) ir. M.B. Plaggenborg
(31) 202211141066.3
(32) 20.09.2022
-
- (33) China
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- (51) F16L 57/06
(11) 2033123
(47) 10.11.2023
(22) 23.09.2022
- (54) Composite multi-layer pipe and preparation method thereof
(73) JIANGSU XCMG CONSTRUCTION MACHINERY RESEARCH INSTITUTE LTD.
(72) Bo Chen
Xiang Zhang
(74) ir. F.A. Geurts c.s.
(31) 202210466098.4
(32) 29.04.2022
(33) China
-
- (51) F16L 59/02
(11) 1044303
(47) 13.11.2023
(22) 28.04.2022
- (54) Isolatiemantel ontworpen voor diverse buisdiameters
(73) Exincovers b.v.
(72) Adrianus Petrus Ludovicus van Meer
-
- (51) F24D 3/08
(11) 2031715
(47) 10.11.2023
(22) 26.04.2022
- (54) Verwarmingsinrichting
(73) TI-Green B.V.
(72) Henricus Wilhelmus Petrus Maria Verhagen
(74) ir. M. van der Velden
-
- (51) F24F 1/06
F25B 47/00
(11) 1044316
(47) 13.11.2023
(22) 03.05.2022
- (54) Werkwijze en inrichting ter bescherming van een in de buitenlucht opgestelde warmtewisselaar tegen bevriezing en/of berijping
(73) Ronald Jansen
(72) Ronald Jansen
(74) ir. A. Blokland c.s.
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- (51) F24F 1/58
(11) 2031756
(47) 13.11.2023
(22) 02.05.2022
- (54) Cover for an outdoor unit
(73) M & G Group Europe B.V.
(72) Hendrik van Hoorn
Mareike Seitz
(74) dr. R.C. van Duijvenbode c.s.
-
- (51) F24S 25/30
H02S 20/24
(11) 2034747
(47) 13.11.2023
(22) 02.05.2023
- (54) Montagesysteem
(73) Schuurman Beheer B.V.
(72) Jacobus Jan Schuurman
Adrianus Franciscus Gerardus Schuurman
(74) drs. A.A. Jilderda
(31) 2031760
(32) 02.05.2022

(33) Netherlands	(54) Portable Device for Measuring photosynthetic Gas of Plant Photosynthesis	Pranali Jhaveri Stephen Palermo Georgia Sandoval
(51) F24S 25/30 H02S 20/24	(73) RESEARCH INSTITUTE OF HIGHWAY MINISTRY OF TRANSPORT	(74) dr. A. Krebs
(11) 2031760	(72) Zhiqiang Liu	(31) PCT/US2022/042340
(47) 13.11.2023	Jian Wang	63/240,266
(22) 02.05.2022	Jing Zhao	63/290,040
(54) Montagesysteem	Shegang Shao	63/316,880
(73) Schuurman Beheer B.V.	Dan Wang	(32) 01.09.2022
(72) Jacobus Jan Schuurman	Zhaoming Wang	02.09.2021
Adrianus Franciscus Gerardus Schuurman	Dong Zhang	15.12.2021
(74) drs. A.A. Jilderda	(74) dr. T. Wittop Koning PhD	04.03.2022
(51) F28D 20/00	(31) 202111530252.1	(33) United States of America
F24D 11/00	(32) 14.12.2021	United States of America
F24S 60/30	(33) China	United States of America
(11) 2031792	(51) G01N 33/24	United States of America
(47) 14.11.2023	G01N 33/18	(51) G03B 21/00
(22) 06.05.2022	(11) 1044306	G09F 19/18
(54) INRICHTING VOOR HET OPSLAAN VAN ENERGIE EN WERKWIJZE DAARVOOR	(47) 13.11.2023	E01F 9/576
(73) Heatwacht Holding B.V.	(22) 29.04.2022	G09F 19/22
(72) Johannus Stephanus Josephus Wolters	(54) Method and network of devices for the monitoring of surface water quality	(11) 2031763
(74) dr. ir. G.J.C. Verdijck c.s.	(73) EasyMeasure B.V.	(47) 13.11.2023
(51) G01N 1/10	(72) Mateo Mayer	(22) 02.05.2022
G01N 1/34	Martijn Wagterveld	(54) SYSTEM AND METHOD FOR PROJECTING A LINE OF LIGHT ON A SURFACE
(11) 2031711	Frank Akkerman	(73) EPEON
(47) 10.11.2023	Michiel Oudakker	(72) Ronald Hans van der Voort
(22) 26.04.2022	(74) dr. ir. G.J.C. Verdijck c.s.	Max Christian Funck
(54) DEVICE FOR REALIZING GATHERING AND PRELIMINARY SEPARATION OF SUSPENDED SOLIDS	(51) G01N 33/68	Lars Nakotte
(73) Chinese Research Academy of Environmental Sciences	G01N 33/576	(74) dr. ir. G.J.C. Verdijck c.s.
(72) Shuhang Wang	G01N 33/50	(51) G03F 7/095
Jinzhi Wang	(11) 2034988	(11) 2032627
Xia Jiang	(47) 14.11.2023	(47) 10.11.2023
Bo Zhang	(22) 03.06.2023	(22) 28.07.2022
Kun Wang	(54) METHOD FOR MARKING TARGET PROGNOSIS DIAGNOSTIC IN HEPATITIS E VIRUS RELATED ACUTE LIVER FAILURE	(54) RESISTANCE WELDING DRY FILM PHOTORESIST AS WELL AS PREPARATION METHOD USE THEREOF
(74) ir. M.B. Plaggenborg	(73) THE FIRST AFFILIATED HOSPITAL, ZHEJIANG UNIVERSITY SCHOOL OF MEDICINE	(73) Zhuhai Nengdong Technology Optical Industry Co., Ltd.
(51) G01N 3/06	SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY	(72) Xiaoming Deng
G01N 3/24	SUZHOU MUNICIPAL HOSPITAL	Wei Peng
(11) 2032755	(72) Hongcui Cao	Yang Yang
(47) 14.11.2023	Jiong Yu	Yongjie Du
(22) 16.08.2022	Jian Wu	Weiguo Zhang
(54) Test device for testing shear performance of interface between fiber and medium	Guanghua Zhai	Zhixin Li
(73) Jilin Jianzhu University	Ze Xiang	(74) dr. T. Wittop Koning PhD
(72) Ning Liu	Ying Wang	(51) G06F 1/16
Lina Xu	Yijin Wang	G06F 1/26
Lei Niu	(74) drs. C.M.A. Quintelier	(11) 2031737
Shuang Sun	(31) 202210930871.8	(47) 13.11.2023
Yujie Jin	(32) 04.08.2022	(22) 29.04.2022
Yongmei Qian	(33) China	(54) DEVICE CHASSIS SEPARATION DETECTION
Wei Tian	(51) G01S 5/02	(73) Microsoft Technology Licensing, LLC
Daohan Song	H04W 4/02	(72) Ji Sun
Haoyun Deng	(11) 2032942	Lester Hing Kwok Lao
(74) dr. T. Wittop Koning PhD	(47) 10.11.2023	Leila Asfari
(31) 202110969693.5	(22) 02.09.2022	(74) ir. J.C. Volmer c.s.
(32) 23.08.2021	(54) SYSTEMS, APPARATUS, AND METHODS FOR DATA DRIVEN LOCATION DETECTION	(51) G06F 1/20
(33) China	(73) Intel Corporation	H04M 1/02
(51) G01N 33/00	(72) Valerie Parker	G06F 1/16
(11) 2032106	John Belstner	H04M 1/18
(47) 14.11.2023	Ned M. Smith	(11) 2031729
(22) 09.06.2022		(47) 14.11.2023
		(22) 28.04.2022

- (54) ELECTRONIC EQUIPMENT
(73) Susa Inc.
(72) Yukinori Hayashi
(74) ir. H.A. Witmans c.s.
(31) 2021-075675
2021-184272
(32) 28.04.2021
11.11.2021
(33) Japan
Japan
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- (51) G06F 3/01
H04N 13/366
H04N 13/302
G02B 27/00
(11) 2031747
(47) 13.11.2023
(22) 29.04.2022
(54) LATENCY REDUCTION IN
AN EYE TRACKER OF AN
AUTOSTEREOSCOPIC DISPLAY
DEVICE
(73) Dimenco Holding B.V.
(72) Pieter Wilhelmus Theodorus de Jong
Jurjen Caarls
(74) dr. T. Hubregtse
-
- (51) G06F 3/041
G06F 3/0488
(11) 2031789
(47) 14.11.2023
(22) 06.05.2022
(54) AGGREGATED LIKELIHOOD OF
UNINTENTIONAL TOUCH INPUT
(73) Microsoft Technology Licensing, LLC
(72) Gilad Pundak
Hanan Grinberg
Eran Arbel
(74) ir. J.C. Volmer c.s.
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- (51) G06Q 10/20
G06Q 50/08
G06Q 50/26
(11) 2032338
(47) 10.11.2023
(22) 30.06.2022
(54) INTELLIGENT DECISION-MAKING
SYSTEM FOR PAVEMENT
MAINTENANCE AND REPAIR
(73) Chongqing University
(72) Hui Wang
Xinyu Wei
(74) ir. M.B. Plaggenborg
(31) 202110843921.4
(32) 26.07.2021
(33) China
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- (51) G09B 29/02
G09B 27/00
G09B 29/00
(11) 2031772
(47) 14.11.2023
(22) 04.05.2022
(54) Inrichting voor het weergeven van een
bolvormig object in een plat vlak
(73) Cornelis Johannes van de Werdt
(72) Cornelis Johannes van de Werdt
(74) ir. M.B. Plaggenborg
-
- (51) G16H 40/20
G06Q 50/00
G16H 50/80
- (11) 2031721
(47) 10.11.2023
(22) 27.04.2022
(54) INTELLIGENT HOSPITAL
MANAGEMENT SYSTEM
(73) Suno (Shandong) Information
Technology Co., Ltd.
(72) Yuxing Guan
Yuliang Guo
(74) ir. M.B. Plaggenborg
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- (51) G21F 1/12
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(73) BASF Coatings GmbH	WOLF, Maximilian	Autoliv Development AB
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(54) POWER SUPPLY CONNECTION FOR POWER LONG RAIL ASSEMBLY	CHAI, Guoqiang	(73) NISSAN MOTOR Co., Ltd.
(73) Magna Seating Inc.	ZHOU, Jianming	Marelli Corporation
(72) ZHAO, Kai	(31) 201721450022 U	(72) NISHIMURA, Takeshi
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MARINI, Detjon	(33) China	WATANABE, Tomohiro
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DIOUM, Cheikh	F16G 11/12	KIKUCHI, Masami
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(73) Adient US LLC	(51) B60Q 3/46	(73) Czapski, Krzysztof
(72) SCHOLZ, Grit	B64D 11/00	(72) Czapski, Krzysztof
ALBERT REGINOLD, Kirubaharan	B64D 45/00	(31) 43424620
HENKEL, Dieter	B64D 47/02	(32) 08.06.2020
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		(73) Aptiv Technologies Limited

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RECH, Bernd	United States of America	CHIKAMORI, Masahiro
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GLÄSER, Stefan	B61D 45/00	(51) B62B 7/06
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(73) RPC Bramlage GmbH	DILUTING AND DISPENSING	(73) Autostore Technology AS
(72) PRESCHKE, Martin	CONTAINER	(72) AUSTRHEIM, Trond
(31) 102019114081	(73) Sandri Silva, André Gustavo	(31) 20180589
202003293	(72) Sandri Silva, André Gustavo	(32) 25.04.2018
201915492	(31) 102018006595	(33) Norway
(32) 27.05.2019	(32) 29.03.2018	(51) B65G 1/04
06.03.2020	(33) Brazil	(11) EP3617096
25.10.2019	(51) B65D 83/00	(21) EP19191974.5
(33) Germany	(11) EP4153507	(47) 15.11.2023
United Kingdom	(21) EP21728057.7	(22) 15.08.2019
United Kingdom	(47) 15.11.2023	(54) STORAGE SYSTEM FOR STORING
(51) B65D 55/16	(87) EP2021063670	CONTAINERS
(11) EP4155226	25.11.2021	(73) Gebhardt Fördertechnik GmbH
(21) EP21199017.1	(22) 21.05.2021	(72) Eder, Rudolf
(47) 15.11.2023	(54) BALL JOINT VALVE	Gebhardt, Marco
(22) 25.09.2021	(73) Altachem NV	Eder, Jörg
(54) CLOSURE PROVIDED WITH TETHERS	(72) POPPE, Jean-Marie	(31) 102018214214
AND FRANGIBLE BRIDGES FOR A	HALFMAERTEN, Wouter	(32) 22.08.2018
CONTAINER	(31) 202000063	(33) Germany
(73) ThisCap Inc.	(32) 22.05.2020	(51) B65G 1/04
(72) Maguire, Michael	(33) Belgium	B65G 1/06
(51) B65D 65/46	(51) B65D 85/10	B65G 1/137
F42B 12/36	B65D 5/66	B65G 43/00
F42B 12/76	(11) EP3720786	B65G 43/02
(11) EP4110706	(21) EP18811844.2	G05B 19/418
(21) EP21710552.7	(47) 15.11.2023	G05D 1/02
(47) 15.11.2023	(87) EP2018083957	(11) EP3807181
(87) FR2021050320	13.06.2019	(21) EP19730161.7
02.09.2021	(22) 07.12.2018	(47) 15.11.2023
(22) 24.02.2021	(54) HINGED-LID PACKAGING AND BLANK	(87) EP2019065185
(54) UNIT DOSES FOR RELEASING AN	FOR PRODUCTION THEREOF	19.12.2019
AQUEOUS FORMULATION	(73) JT International SA	(22) 11.06.2019
(73) Melchior Material and Life Science	(72) KULKARNI, Pranav	(54) METHOD FOR HANDLING
France	ZHURBA, Oleksandr	MALFUNCTIONING VEHICLES ON A
(72) GUERRET, Olivier	(31) 17206277	RAIL SYSTEM AND A STORAGE AND
COURDESSES, Brice	(32) 08.12.2017	RETRIEVAL SYSTEM USING SUCH A
(31) 2001964	(33) European Patent Office (EPO)	METHOD
(32) 27.02.2020	(51) B65F 3/02	(73) AUTOSTORE TECHNOLOGY AS
(33) France	(11) EP4116228	(72) STUHAUG, Ragnar
(51) B65D 75/00	(21) EP21382599.5	GJERDEVIK, Øystein
B65D 75/52	(47) 15.11.2023	(31) 20190666
B65D 75/58	(22) 05.07.2021	20181005
(11) EP3941846	(54) METHOD AND DEVICE FOR	20180813
(21) EP20716572.1	HANDLING WASTE COLLECTION	(32) 24.05.2019
(47) 15.11.2023	CONTAINERS	19.07.2018
(87) IB2020052447	(73) Palvi, S.L.	12.06.2018
24.09.2020	(72) PADULLES OMEDES, Albert	(33) Norway
(22) 18.03.2020	(51) B65F 3/04	Norway
(54) PACKAGING FOR PRODUCTS	B65F 3/02	Norway
(73) Guala Pack S.p.A.	B65F 3/08	(51) B65G 1/04
(72) TAMARINDO, Stefano	(11) EP4046940	B65G 1/137
TANSINI, Gino	(21) EP22157877.6	(11) EP3807187
(31) 201900004141	(47) 15.11.2023	(21) EP19730170.8
(32) 21.03.2019	(22) 22.02.2022	(47) 15.11.2023
(33) Italy	(54) WASTE COLLECTION VEHICLE	(87) EP2019065233
(51) B65D 81/32	(73) Iride S.r.l.	19.12.2019
B67D 7/74	(72) BERTOLA, Marco	(22) 11.06.2019
B05B 11/00	(31) 202100004211	(54) STORAGE SYSTEM
	(32) 23.02.2021	(73) Autostore Technology AS

(72) AUSTRHEIM, Trond	B65G 27/26	B65G 54/02
(31) 20181039	B65G 27/30	G05B 19/418
20181005	(11) EP4069613	(11) EP3509972
20180813	(21) EP20830411.3	(21) EP17772170.1
(32) 02.08.2018	(47) 15.11.2023	(47) 15.11.2023
19.07.2018	(87) US2020062940	(87) US2017050601
12.06.2018	10.06.2021	15.03.2018
(33) Norway	(22) 02.12.2020	(22) 08.09.2017
Norway	(54) VIBRATORY CONVEYOR	(54) TRACK SYSTEM FOR CREATING
Norway	(73) General Kinematics Corporation	FINISHED PRODUCTS
(51) B65G 1/04	(72) MASSMAN, Steve	(73) The Procter & Gamble Company
B65G 47/90	QUINN, Kerry	(72) BURKHARD, Ryan, Andrew
(11) EP4011805	(31) 201962943761 P	MOORE, Nathan E.
(21) EP20212641.3	(32) 04.12.2019	FIKES, Elizabeth, Marie
(47) 15.11.2023	(33) United States of America	ROYCE, Daniel, Richard
(22) 09.12.2020	(51) B65G 37/00	ORNDORFF, Jason, Matthew
(54) GRIPPER AND TRANSPORT SYSTEM	B67C 3/24	LYMAN, Christopher, Robert
FOR A PICKING DEVICE	B67C 7/00	(31) 201662385293 P
(73) Becton Dickinson Rowa Germany GmbH	B41J 3/407	(32) 09.09.2016
(72) GROSS, Dietmar	B05D 7/22	(33) United States of America
BROKONIER, Stephan	B65G 37/02	(51) B65H 1/02
MARTINI, Heinrich Paul	B65G 47/86	B65H 7/02
(51) B65G 15/30	B67C 3/22	B65H 3/04
B65G 47/53	B65G 54/02	B65H 3/12
B65G 47/64	(11) EP3798158	(11) EP3747808
B65G 13/02	(21) EP20192281.2	(21) EP20177978.2
B65G 13/06	(47) 15.11.2023	(47) 15.11.2023
B65G 39/02	(22) 21.08.2020	(22) 03.06.2020
B65G 17/34	(54) MODULAR TREATMENT DEVICE FOR	(54) DEVICE AND METHOD FOR FEEDING
(11) EP3331781	CONTAINERS	BLANKS TO A MACHINE FOR
(21) EP16833768.1	(73) KRONES AG	FURTHER PROCESSING
(47) 15.11.2023	(72) Domeier, Bernhard	(73) G.D S.p.A.
(87) US2016045266	Böttcher, Benedikt	(72) FAZZIOLI, Fabrizio
09.02.2017	Handschuh, Eduard	FORTINI, Massimo
(22) 03.08.2016	Voth, Klaus	VILLA, Stefano
(54) ARTICLE DIVERTING CONVEYOR	(31) 102019126289	FEDERICI, Luca
BELT	(32) 30.09.2019	(31) 201900008109
(73) Laitram, LLC	(33) Germany	(32) 05.06.2019
(72) COSTANZO, Mark	(51) B65G 39/12	(33) Italy
(31) 201562201151 P	B65G 21/06	(51) B65H 19/18
(32) 05.08.2015	B65G 21/10	(11) EP4105155
(33) United States of America	B65G 23/22	(21) EP22173141.7
(51) B65G 17/20	(11) EP4029812	(47) 15.11.2023
B65G 19/02	(21) EP22151176.9	(22) 13.05.2022
B65G 47/38	(47) 15.11.2023	(54) A METHOD AND A DEVICE FOR
B65G 9/00	(22) 12.01.2022	JOINING ENDS OF FIBER WEBS IN
(11) EP3250485	(54) DEVICE FOR TRANSPORTING	A PARENT ROLL CHANGE OF AN
(21) EP16700396.1	MATERIAL WITH REMOVABLE DRIVE	UNWINDER
(47) 15.11.2023	SHAFT	(73) Valmet Technologies Oy
(87) EP2016050161	(73) Aktid	(72) HAAPANEN, Jaakko
04.08.2016	(72) SABOT, Bertrand	VIRTA, Henry
(22) 07.01.2016	TOCCHINI, Stéphane	ÅKERLUND, Kenneth
(54) METHOD FOR EMPTYING THE	MILIN, Frédéric	(31) 20215701
POCKETS OF A TRANSPORT DEVICE	(31) 2100295	(32) 15.06.2021
IN THE FORM OF A SUSPENSION	(32) 13.01.2021	(33) Finland
CONVEYOR, AND DEVICE FOR	(33) France	(51) B65H 19/22
CARRYING OUT SAID METHOD	(51) B65G 47/14	B65H 75/24
(73) Ferag AG	(11) EP3328762	(11) EP3810536
(72) FENILE, Roberto	(21) EP15753625.1	(21) EP19715529.4
BENZ, Marc-Andreas	(47) 15.11.2023	(47) 15.11.2023
(31) 5732015	(87) EP2015067630	(87) EP2019059136
892015	09.02.2017	26.12.2019
(32) 27.04.2015	(22) 31.07.2015	(22) 10.04.2019
26.01.2015	(54) REFERENCED FEEDING OF	(54) MACHINE AND METHOD FOR
(33) Switzerland	CAPSULES	PROVIDING ROLLS OF MATERIAL FOR
Switzerland	(73) Sidel Participations	USE IN SHEET FORM, PARTICULARLY
(51) B65G 27/08	(72) ROTH, Emmanuel	ALUMINUM FOR FOOD USES, OF THE
B65G 27/20	(51) B65G 47/64	CORELESS TYPE

(73) IMS Technologies S.p.A.	(72) KOSKINEN, Santtu	REDUCING LOAD OSCILLATION
(72) BELDI', Alberto	MATTILA, Mikko	DURING CRANE OPERATION
CORNALBA, Cesare	HEISKANEN, Mikko	(73) Konecranes Global Corporation
(31) 201800006478	PIIRONEN, Mikko	(72) ROTHER, Dirk
(32) 20.06.2018	KOIVISTO, Ari	HEGEWALD, Mike
(33) Italy	BELOV, Mika	(31) 102020120699
(51) B65H 57/12	(51) B66B 5/02	(32) 05.08.2020
B60C 9/00	(11) EP3323761	(33) Germany
D02G 3/12	(21) EP16199088.2	(51) B66C 13/40
(11) EP3724114	(47) 15.11.2023	B66C 23/00
(21) EP18815244.1	(22) 16.11.2016	B66C 23/68
(47) 15.11.2023	(54) METHOD, ELEVATOR CONTROL UNIT	(11) EP4086214
(87) EP2018085001	AND ELEVATOR FOR MOVING AN	(21) EP21171984.4
20.06.2019	ELEVATOR CAR TO LANDING FLOOR	(47) 15.11.2023
(22) 14.12.2018	IN CASE OF EVENT RELATED TO	(22) 04.05.2021
(54) WIRE GUIDE FOR PRODUCING	MAIN ELECTRICAL POWER SUPPLY	(54) A CRANE, AND A METHOD OF A
SHEATHED REINFORCEMENT	OF THE ELEVATOR	CRANE
ELEMENTS FOR TYRES	(73) Kone Corporation	(73) Hiab AB
(73) COMPAGNIE GENERALE DES	(72) KATTAINEN, Ari	(72) RÖSTH, Marcus
ETABLISSEMENTS MICHELIN	RAASSINA, Pasi	GUSTAFSSON, Pelle
(72) LIMOZIN, Bastien	NIKANDER, Juhamatti	(51) B66C 13/40
RIGO, Sébastien	LAHTINEN, Ari-Ekka	B66C 23/00
(31) 1762181	RINNESAAARI, Pasi	B66C 23/68
(32) 14.12.2017	AHONEN, Pasi	B66C 13/20
(33) France	(51) B66B 5/18	(11) EP4086215
(51) B66B 1/24	B66B 5/22	(21) EP21171987.7
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(21) EP19197045.8	(21) EP20821003.9	(22) 04.05.2021
(47) 15.11.2023	(47) 15.11.2023	(54) AN ENERGY EFFICIENT CRANE, AND
(22) 12.09.2019	(87) EP2020085811	A METHOD OF THE CRANE
(54) SYSTEM AND METHOD FOR	24.06.2021	(73) Hiab AB
ASSIGNING ELEVATOR SERVICE	(22) 11.12.2020	(72) RÖSTH, Marcus
BASED ON PASSENGER PRIORITY	(54) SAFETY BRAKE DEVICE FOR A LIFT	GUSTAFSSON, Pelle
(73) Otis Elevator Company	(73) INVENTIO AG	SANTINI, Alessandro
(72) DHUMAL, Tejas Arunrao	(72) GEISSHÜSLER, Michael	(51) B66C 13/46
MARADA, VijayKumar	OSMANBASIC, Faruk	G01S 13/88
SWAMI, Aditya	STEINER, Adrian	G01S 13/06
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(32) 14.09.2018	ZAPF, Volker	(21) EP17746443.5
(33) India	(31) 19217111	(47) 15.11.2023
(51) B66B 1/34	(32) 17.12.2019	(87) EP2017068740
B66B 5/00	(33) European Patent Office (EPO)	12.04.2018
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(21) EP19192832.4	B66B 13/20	(54) METHOD AND ARRANGEMENT FOR
(47) 15.11.2023	(11) EP3659957	THE PLACEMENT OF STACKABLE
(22) 21.08.2019	(21) EP18871254.1	STORAGE MEANS
(54) ELEVATOR MONITORING USING	(47) 15.11.2023	(73) Siemens Aktiengesellschaft
VIBRATION SENSORS NEAR THE	(87) CN2018098652	(72) BUHL, Michael Bernhard
ELEVATOR MACHINE	02.05.2019	NEUBAUER, Werner
(73) Otis Elevator Company	(22) 03.08.2018	POPRAWA, Florian
(72) SUDI, Sandeep	(54) ELEVATOR CAR DOOR OPERATOR	ROTTMANN, Axel
LANG, Michael C.	DEVICE	(31) 102016219522
HARDESTY, Martin J.	(73) Shanghai Mitsubishi Elevator Co., Ltd.	(32) 07.10.2016
(31) 201816106442	(72) WANG, Xingqi	(33) Germany
(32) 21.08.2018	JIANG, Ji	(51) B66C 23/48
(33) United States of America	(31) 201711029437	B66F 9/18
(51) B66B 1/34	(32) 27.10.2017	B66C 1/02
B66B 19/00	(33) China	(11) EP4048620
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(22) 28.05.2020	(87) EP2021071730	(54) A PORTABLE VACUUM LIFTER
(54) COMMISSIONING OF A	10.02.2022	SYSTEM
SIGNALIZATION DEVICE IN AN	(22) 04.08.2021	(73) Vacuworx Global, LLC
ELEVATOR SYSTEM	(54) SLEWING JIB CRANE HAVING	(72) SOLOMON, William, J.
(73) KONE Corporation	A CAMERA, AND METHOD FOR	(31) 201962925448 P

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(33) United States of America	(11) EP3838837	B67D 1/06
(51) B66C 23/52	(21) EP20215417.5	G09F 1/00
B66C 23/70	(47) 15.11.2023	(11) EP3480162
B66C 23/18	(22) 18.12.2020	(21) EP17819404.9
(11) EP4077197	(54) DEVICE AND METHOD FOR FILLING	(47) 15.11.2023
(21) EP20833870.7	A CONTAINER WITH A FILLING	(87) ES2017070479
(47) 15.11.2023	PRODUCT	04.01.2018
(87) EP2020087125	(73) KRONES AG	(22) 30.06.2017
24.06.2021	(72) Poeschl, Florian	(54) INTERACTIVE DEVICE FOR
(22) 18.12.2020	Knieling, Erwin	DISPENSING BEER
(54) OFFSHORE VESSEL CRANE	(31) 102019135072	(73) Heineken España, S.A.
(73) Itrec B.V.	(32) 19.12.2019	(72) ROS PLANE, Ignacio
(72) ROODENBURG, Joop	(33) Germany	LOZANO LOZANO, Fernando
BRINKMAN, Marc Louis	(51) B67C 3/22	ALCAÑIZ RAYA, Mariano Luis
(31) 2024512	F24F 3/14	GUIXERES PROVINCIALE, Jaime
(32) 19.12.2019	F24F 3/16	(31) 201630902
(33) Netherlands	(11) EP3347302	(32) 01.07.2016
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(87) CN2020089082	(54) DEVICE FOR PROVIDING CLEAN AIR	(47) 15.11.2023
18.03.2021	IN A BEVERAGE FILLING PLANT	(87) EP2015001150
(22) 08.05.2020	(73) KRONES AG	10.12.2015
(54) TELESCOPIC FORK MECHANISM AND	(72) BRAUN, Franz	(22) 08.06.2015
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(73) Hangzhou Eiorobot Technology Co., Ltd.	SOELLNER, Juergen	COMPROMISING MECHANICALLY
(72) SUN, Shuang	BRIKMANN, Max	PRELOADED SUSPENSION SPRINGS
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(33) China	(33) Germany	(72) HENNES, Eric
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A61H 3/00	(11) EP3402738	VAN DEN BRAND, Johannes, Franciscus
B25J 11/00	(21) EP17700344.9	(31) 2012967
B66D 3/18	(47) 15.11.2023	(32) 06.06.2014
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(47) 15.11.2023	(54) CARTRIDGE RECEPTACLE,	(21) EP17722627.1
(87) JP2015077369	CARTRIDGE SYSTEM, BEVERAGE	(47) 15.11.2023
21.07.2016	PREPARATION MACHINE, AND	(87) US2017029981
(22) 28.09.2015	METHOD FOR PRODUCING A	23.11.2017
(54) ASSISTIVE SUIT	BEVERAGE	(22) 27.04.2017
(73) Kubota Corporation	(73) Freezio AG	(54) INTEGRATED PACKAGE CONTAINING
(72) HAYASHI Shigeki	(72) KRÜGER, Marc	MEMS ACOUSTIC SENSOR AND
SAKANO Tomoyoshi	EMPL, Günter	PRESSURE SENSOR
NISHIDA Keisuke	FISCHER, Daniel	(73) InvenSense, Inc.
HAYASHI Masahiko	(31) 102016218884	(72) GAO, Jia
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(73) Tokuyama Corporation	(51) C01C 1/02	C01G 51/00
(72) Daiki Shota	C01B 33/18	C09C 1/22
ISHIMOTO Ryuji	B01J 8/18	C09D 5/00
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B01J 23/755	(87) CN2019100143	(54) METHOD FOR PRODUCING OXIDE
B01J 37/34	06.08.2020	PARTICLES WITH CONTROLLED
(11) EP3907183	(22) 12.08.2019	COLOR CHARACTERISTICS
(21) EP19907165.5	(54) AMMONIA PREPARATION DEVICE	(73) M. Technique Co., Ltd.
(47) 15.11.2023	AND PREPARATION METHOD	(72) ENOMURA Masakazu
(87) KR2019001658	(73) Yuanchu Technology (Beijing) Co., Ltd	HONDA Daisuke
09.07.2020	(72) WANG, Qi	(31) 2016111346
(22) 12.02.2019	YU, Changjun	PCT/JP2017/003876
(54) METHOD FOR MASS SYNTHESIS	(31) 201910084166	PCT/JP2016/083001
OF CARBON NANOTUBES AND	(32) 29.01.2019	PCT/JP2016/066542
CARBON NANOTUBES SYNTHESIZED	(33) China	(32) 02.06.2016
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(73) Korea Maritime University Industry- Academic Cooperation Foundation	C01F 7/447	07.11.2016
(72) KANG, Jun	B01J 32/00	03.06.2016
CHOI, Jae Hyuk	B01J 23/40	(33) Japan
LEE, Won Ju	B01J 21/04	World Intellectual Property Office (WIPO)
JO, Gyu Jang	B01J 35/10	World Intellectual Property Office (WIPO)
KIM, Se Hyeon	C01B 3/40	World Intellectual Property Office (WIPO)
KIM, Dae Yeong	B01J 27/135	(51) C01G 45/12
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(33) Korea (Republic)	C01B 3/42	C01G 51/04
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B09B 3/00	B01J 35/08	B01J 37/08
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(87) BR2020050261	(22) 29.04.2016	B01J 35/02
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(54) PROCESS FOR OBTAINING SODIUM	WITH IMPROVED MECHANICAL	(21) EP19773977.4
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CONCENTRATING IRON ORE	(72) BAZER-BACHI, Delphine	05.03.2020
(73) Vale S.A.	DALMAZZONE, Christine	(22) 27.08.2019
(72) VOGT, Jordanna, Chamon	DANDEU, Aurelie	(54) METHODS OF PRODUCING
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(31) 102019018080	LE CORRE, Vincent	CARRIER MATERIALS
(32) 30.08.2019	LOPEZ, Joseph	(73) Dow Global Technologies LLC
(33) Brazil	TALEB, Anne-Lise	(72) SHARMA, Manish
(51) C01B 39/02	(31) 1554097	GOODFELLOW, Brian W.
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C10G 45/64	(33) France	MALEK, Andrzej
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(22) 12.06.2019	C01B 13/36	(33) United States of America
(54) ALUMINUM-RICH *MRE FRAMEWORK	C09C 1/04	United States of America
TYPE MOLECULAR SIEVES	B01J 13/02	(51) C01G 49/06
(73) Chevron U.S.A. Inc.	C03C 17/00	C02F 1/62
(72) XIE, Dan	C08K 9/06	C22B 3/10
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(54) METHOD FOR THE PREPARATION OF HIGH PURITY IRON OXIDE	ARBIB, Zouhayr	PATTERNED GLASS BODY
(73) ThyssenKrupp Steel Europe AG	(51) C02F 3/34	(73) Foshan Pamase Building Material Co., Ltd.
(72) Pappert, Dr. Eckhard	C12N 1/14	(72) LIANG, Tian
Tebeck, Andreas	C12R 1/645	(51) C03B 20/00
Brüne, Björn	C02F 1/28	C03C 3/06
Bachmann, Uwe	C02F 101/32	C03B 19/10
(31) 102020212338	C02F 103/08	C03B 37/012
(32) 30.09.2020	(11) EP3865460	C03B 17/04
(33) Germany	(21) EP20198290.7	(11) EP3390305
(51) C02F 1/52	(47) 15.11.2023	(21) EP16819871.1
C02F 1/44	(22) 25.09.2020	(47) 15.11.2023
C02F 1/66	(54) METHOD FOR PETROLEUM HYDROCARBON BIOREMEDIATION USING FUNGI	(87) EP2016081512
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C02F 103/10	Paulauskiene, Tatjana	(54) PRODUCTION OF QUARTZ GLASS BODIES FROM SILICON DIOXIDE GRANULATE
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(47) 15.11.2023	(33) Lithuania	LEHMANN, Walter
(87) ZA2020050051	(51) C02F 9/00	HÜNERMANN, Michael
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(22) 24.09.2020	C02F 1/46	WITTRIN, Mirko
(54) WATER BALANCE IMPROVEMENT IN AN EFFLUENT TREATMENT PROCESS FOR SULPHATE REMOVAL	C02F 1/00	WILDE, Markus
(73) Mintek	C02F 1/70	(31) 15201093
(72) NETSHIKHUDINI, Tshamano	(11) EP3848332	(32) 18.12.2015
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(51) C02F 1/52	12.03.2020	C03C 3/11
C02F 1/56	(22) 26.06.2019	C03C 3/112
G01N 33/18	(54) PLASMA DENITRIFICATION DEVICE AND OPERATING METHOD THEREOF	C03C 4/12
C02F 1/00	(73) Dayuan Environmental Technology (Xiamen) Co., Ltd.	C03C 10/00
C02F 1/24	(72) WU, Yibo	C03C 10/16
(11) EP3927665	YAN, Chengkai	C03C 4/00
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(47) 15.11.2023	(32) 03.09.2018	A61K 8/25
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(22) 18.02.2020	C03B 5/167	A61Q 11/00
(54) METHOD OF MONITORING AND OPTIONALLY CONTROLLING THE REMOVAL OF MICROPLASTICS FROM MICROPLASTIC CONTAINING WATERS	B01F 27/50	B24C 11/00
(73) KEMIRA OYJ	(11) EP3713885	A61C 3/025
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(33) Sweden	JUNG, Tae-woo	(72) HILL, Robert
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(54) COMBINED UASB REACTOR-SOLIDS ANAEROBIC DIGESTER DEVICE AND METHOD FOR TREATING UNSETTLED SEWAGE	(33) Korea (Republic)	C03C 3/095
(73) FCC Aqualia, S.A.	(51) C03B 19/09	C03C 4/12
(72) LARA CORONA, Enrique	(11) EP4140961	C03C 10/00
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(54) DOPED BISMUTH SILICATE	(54) COATING COMPOSITION HAVING	(72) KITANO, Hirofumi
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(72) GONG, Yuxuan	COOKING APPLI-ANCE USING SAME	(32) 01.08.2013
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(32) 10.03.2014	RAVICHANDRAN, Vasudha	GYPSUM PRODUCTS, AND A
(33) France	STEPHENS II, Alan Thomas	METHOD FOR USING A COMPOUND
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	12.11.2020	(54) PROCESS FOR PREPARING 6- ISOPROPENYL-3-METHYL-9-DECENYL ACETATE
	(22) 06.05.2020	(73) Shin-Etsu Chemical Co., Ltd.
	(54) FERTILIZER PARTICLES COMPRISING IRON	(72) BABA, Akihiro
	(73) Yara UK Limited	KINSHO, Takeshi
	(72) WARD, Stuart	NAGAE, Yusuke
	HATHWAY, Laura	(31) 2020075345
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(87) JP2018023534	ETHER COMPOUND AND A PROCESS	C07C 317/18
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(54) METHOD FOR PRODUCING	YL ACETATE COMPOUND AND	C07D 295/088
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(73) Daikin Industries, Ltd.	ALKADIEN-1-OL COMPOUND	A61K 31/10
(72) GOTOU, Akihiro	THEREFROM	A61K 31/165
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(32) 31.05.2021	(54) METHOD FOR PRODUCING	C07C 29/14
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(51) C07C 29/10	POLYETHYLENE GLYCOL DERIVATIVE	(11) EP3757087
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B29C 39/10	C08G 18/48	KOONCE, William A.
B29C 39/24	C08G 18/76	SHERIDAN, Philip H.
C08J 5/04	C08K 5/00	GAMBOA, Rogelio
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(47) 15.11.2023	POLYETHERS POLYOLS, PROCESSES	C09J 175/04
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H01B 3/44	C08G 18/22	ENGELS, Thomas
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(73) Clariant International Ltd	(11) EP3421527	RENTZSCH, Christoph
(72) GABEL, Dorothee	(21) EP17178456.4	LINDNER, Meiliana
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THE VARIATION OF THE NEEDLE	(54) WATER SPRAY FEATURE OF AN	JANCIC, Boris
GAUGES	APPLIANCE FOR SEPARATING	GISSING, Lukas
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(32) 27.06.2017	BUTTON COUPLING	E05B 81/46
(33) France	(73) ASSA ABLOY (Schweiz) AG	E05B 81/44
(51) E04H 12/22	(72) EBNÖTHER, Andreas	(11) EP3994324
	SCHENK, David	

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(72) INAN, Ömer	(22) 02.09.2020	E04B 1/68
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SCHÖNENBERG, Thomas	IDENTIFYING, AND MONITORING THE	(21) EP20166032.1
SCHOLZ, Michael	STATE OF, AN ARRANGEMENT TO BE	(47) 15.11.2023
BENDEL, Thorsten	MONITORED HAVING AN OPENABLE	(22) 26.03.2020
(31) 102019117677	AND CLOSABLE WING ELEMENT	(54) SEALING SYSTEM FOR JOINTS OF
(32) 01.07.2019	(73) SCHÜCO International KG	JOINERY CONSTRUCTION ELEMENTS
(33) Germany	(72) STIER, Helge	(73) Selena Industrial Technologies Sp. z o.o.
(51) E05B 83/30	KÜHN, Andreas	(72) Zemanek, Piotr
E05B 47/00	GUSTORFF, Daniel	Klimentowska, Katarzyna
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(21) EP19812997.5	(32) 18.09.2019	Pawłusz, Tomasz
(47) 15.11.2023	(33) Germany	Krzyżaniak, Micha
(87) EP2019083273	(51) E05D 15/26	(51) E06B 3/22
04.06.2020	E05F 1/10	E06B 5/11
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(54) VEHICLE STORAGE COMPARTMENT	(11) EP3918166	E06B 3/72
LATCH ASSEMBLIES WITH SHAPE	(21) EP20702187.4	(11) EP3667008
MEMORY ALLOY ACTUATOR	(47) 15.11.2023	(21) EP19213399.9
(73) Motherson Innovations Company Limited	(87) AT2020060007	(47) 15.11.2023
(72) WIECZOREK, Romeo	06.08.2020	(22) 04.12.2019
JAEGER, David-Kenneth	(22) 16.01.2020	(54) DOOR HINGE AND DOOR
BOURDON, Jean-Francois	(54) ACTUATING DEVICE FOR MOVING OF	COMPRISING THE SAME
CARPENTIER, Ludovic	A FURNITURE FLAP	(73) REHAU Industries SE & Co. KG
(31) 1874089	(73) Julius Blum GmbH	(72) Eckert, Stefan
1872147	(72) BOHLE, Wolfgang	Koller, Markus
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30.11.2018	(33) Austria	(33) Germany
02.07.2019	(51) E05D 15/58	(51) E06B 3/26
(33) France	E05D 15/56	E06B 3/263
France	E05F 15/686	E06B 7/02
United States of America	E05D 15/10	E06B 3/28
(51) E05D 5/10	E05F 17/00	E06B 5/20
E05D 9/00	(11) EP3399127	(11) EP3284894
E05F 1/12	(21) EP18165573.9	(21) EP17185158.7
E05D 3/02	(47) 15.11.2023	(47) 15.11.2023
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(21) EP21216114.5	(54) FURNITURE FITTING FOR A SLIDING	(54) WINDOW ARRANGEMENT
(47) 15.11.2023	MOTION OF A MULTIPART DOOR AND	(73) HUECK GmbH & Co. KG
(22) 20.12.2021	FURNITURE WITH SUCH A FITTING	(72) Meister, Wolfgang
(54) HINGE COMPRISING A RETURN	FOR FURNITURE	(31) 102016115423
SPRING WITH ADJUSTABLE	(73) Hettich-Heinze GmbH & Co. KG	(32) 19.08.2016
PRESTRESSING	(72) NOLTE, Frank	(33) Germany
(73) Pinet Industrie	BÖWE, Marion	(51) E06B 3/263
(72) LETOURNOUX, Guillaume	(31) 102017107568	E06B 3/267
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(32) 22.12.2020	(33) Germany	(11) EP3734009
(33) France	(51) E05F 5/00	(21) EP20168943.7
(51) E05D 7/00	E05D 15/26	(47) 15.11.2023
E05D 7/02	(11) EP3781771	(22) 09.04.2020
E05D 7/04	(21) EP18819217.3	(54) CONNECTION PROFILE, COMPOSITE
E05D 7/081	(47) 15.11.2023	PROFILE AND METHOD FOR
(11) EP3643861	(87) IB2018059502	MANUFACTURING THE CONNECTION
(21) EP18425081.9	24.10.2019	PROFILE
(47) 15.11.2023	(22) 30.11.2018	(73) Joma-Polytec GmbH
(22) 26.10.2018	(54) HINGED DOOR LEAVES FOR PIECES	(72) Reinfrank, Mario
(54) CONCEALED HINGING DEVICE FOR	OF FURNITURE, PROVIDED WITH	Berndorfer, Matthias
CLOSING ELEMENTS, IN PARTICULAR	MAGNETIC DAMPING AND RETURN	(31) 102019111192
ARMORED DOORS	DEVICES	(32) 30.04.2019
(73) BAUXT S.R.L.	(73) CACCARO SRL	

(33) Germany	(72) Friedl, Dan	E21B 44/02
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(22) 24.04.2020	(21) EP22153226.0	(22) 13.04.2018
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(73) Novoferm GmbH	(22) 25.01.2022	(73) ConocoPhillips Company
(31) 102019112475	(54) PART FOR HOLDING AN INSPECTION HATCH FOR ROLLER BLIND CASING	(72) ZHA, Yang
(32) 13.05.2019	(73) BHG	RAMSAY, Stacey C.
(33) Germany	(72) BIRKER, Arnaud	PHAM, Son V.
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(54) PROFILED COMPONENT FOR THE PRODUCTION OF FRAMES	(47) 15.11.2023	(47) 15.11.2023
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(72) VACCARI, Andrea	27.06.2019	21.06.2018
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(33) Italy	(73) Inter IKEA Systems B.V.	(73) Halliburton Energy Services, Inc.
(51) E06B 3/58	(72) LARSSON, Paul	(72) ZACHARKO, Jonathan, Peter
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(47) 15.11.2023	(51) E06B 9/42	C09K 8/02
(22) 28.11.2019	E06B 9/68	(11) EP3472421
(54) WING FOR WINDOW OR DOOR AND WINDOW OR DOOR WITH SUCH AS WING	E06B 9/72	(21) EP16905650.4
(73) REHAU Industries SE & Co. KG	H01M 10/44	(47) 15.11.2023
(72) Eckert, Stefan	H04L 12/10	(87) US2016037835
Koller, Markus	(11) EP3684638	21.12.2017
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(33) Germany	31.01.2019	Chevron U.S.A. Inc.
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E06B 7/14	(54) MOTORIZED SHADE WITH AUTOMATED CONFIGURATION AND CONTROL	SHUMWAY, William Walter
E05D 15/52	(73) Wideband Labs, LLC	(51) E21B 7/20
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(72) GOEDECKER, Christian	(21) EP18160727.6	(54) INTEGRATED TUBULAR HANDLING SYSTEM
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(33) Germany	(72) JENNE, Dipl.-Wi.-Ing., Dietmar	LAMBERT, Travis
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(54) REPLACEABLE NOZZLE FOR DRILLING BIT	(73) Schlumberger Technology B.V.	(54) ELECTRICAL SUBMERSIBLE PUMP WITH GAS VENTING SYSTEM
(73) Ulterra Drilling Technologies L.P.	(72) PIPCHUK, Douglas	(73) Saudi Arabian Oil Company
(72) MAW, Jason C.	COOPER, Iain Michael	(72) AL-GOUHI, Alwaleed Abdullah
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(73) Sandvik Mining and Construction Oy	(22) 18.12.2020	(51) E21B 47/00
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KIVELÄ, Tuomo	(72) BAKLANOV, Nikolay	E21B 47/008
LAUNIS, Sirpa	CHRISTA, Brandon	F04D 13/10
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COLLECTING SAMPLES FROM A BED	F02C 7/06	(11) EP3810904
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(51) E21D 9/06	(73) RTX Corporation	(73) Liebherr-Aerospace Toulouse SAS
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(73) Herrenknecht AG	(51) F01D 11/00	BINDER, Nicolas
(72) Praetorius, Steffen	F01D 25/24	(31) 1855210
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(33) Germany	(54) SEAL WITH INTEGRAL CLIP AND	(11) EP4008884
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(54) TIE SHAFT ASSEMBLY FOR A GAS	(32) 24.02.2016	(73) PRATT & WHITNEY CANADA CORP.
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(72) DIBENEDETTO, Enzo	F02C 7/28	(32) 01.12.2020
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HOFMANN, Willy	(51) F01D 17/02	(51) F01K 25/10
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(54) METHOD FOR CONTROLLING A TEMPERATURE OF A COMPONENT OF AN EXHAUST GAS SYSTEM	(73) Cummins Ltd	(11) EP3763933
(73) Robert Bosch GmbH	(72) HERR, Scott Allen	(21) EP20184711.8
(72) ALT, Benedikt	AKINS, Mark	(47) 15.11.2023
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WAGNER, Alexandre	(32) 26.01.2018	(54) METHOD FOR VOLUMETRIC FLOW BASED PUMP-SYNCHRONOUS, IN PARTICULAR CYLINDER-SELECTIVE RAIL PRESSURE CONTROL FOR A FUEL SUPPLY SYSTEM OF A COMBUSTION ENGINE WITH CURRENT DETECTION AND CURRENT REGULATION OF THE ACTUATORS OF THE RAIL PRESSURE CONTROL
(31) 102019212824	(33) United Kingdom	(73) Volkswagen AG
(32) 27.08.2019	(51) F01P 5/06	(72) Halfpaap, Josef
(33) Germany	F04D 29/00	Barski, Andrej
(51) F01N 3/021	(11) EP3855024	Tschoeke, Ines
F01N 3/20	(21) EP20215066.0	Wagner, Andreas
F02B 37/24	(47) 15.11.2023	(31) 102019129306
F01N 9/00	(22) 17.12.2020	102019129323
F02D 41/00	(54) SUCTION ARRANGEMENT FOR A CENTRIFUGAL AIR FILTER	102019129320
(11) EP4012163	(73) Deere & Company	102019118932
(21) EP21212749.2	(72) YUEN, Ming Parker	102019118923
(47) 15.11.2023	BERG, Alexander	102019118914
(22) 07.12.2021	SANANIKONE, Phouphadeth	(32) 30.10.2019
(54) SYSTEM AND METHOD FOR COLD OPERATION NOX BURDEN REDUCTION	(31) 102020200950	30.10.2019
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(72) KODAVASAL, Janardhan	(51) F01P 11/04	12.07.2019
MERCHANT, Ved	F15D 1/14	(33) Germany
TURLAPATI, Agneya	F16L 41/03	Germany
BARE, Kristopher	F28F 9/02	Germany
(31) 202063123210 P	F28F 13/06	Germany
(32) 09.12.2020	F01P 7/14	Germany
(33) United States of America	(11) EP3855059	Germany
(51) F01N 3/20	(21) EP20153690.1	Germany
F01P 3/20	(47) 15.11.2023	Germany
(11) EP3149299	(22) 24.01.2020	(54) PASSIVE FLOW DIVIDER AND LIQUID COOLING SYSTEM COMPRISING THE SAME
(21) EP15722125.0	(54) TURBOCHARGER ASSEMBLY AND VEHICLE SYSTEM	(73) Aptiv Technologies Limited
(47) 15.11.2023	(73) HERR, Scott Allen	(72) KORTA, Jakub
(87) EP2015059518	AKINS, Mark	(51) F02C 3/30
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(54) SYSTEM FOR HEATING A STORAGE CONTAINER FOR AN AQUEOUS OPERATING LIQUID IN A MOTOR VEHICLE AND METHOD FOR HEATING THE STORAGE CONTAINER	(33) United Kingdom	(21) EP20183367.0
(73) Kautex Textron GmbH & Co. KG	(51) F02C 9/18	(47) 15.11.2023
(72) TREUDT, Volker		(22) 17.05.2013
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		(54) TURBOJET ENGINE NACELLE COMPRISING A SINGLE CASCADE-TYPE THRUST REVERSER MOBILE FRAME AND PASSAGES FOR AUXILIARIES
		(73) Safran Nacelles

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(72) GUILLEMANT, Sébastien, Michel, Thierry	(21) EP20846557.5	(31) 2018129991
CARUEL, Pierre	(47) 15.11.2023	(32) 09.07.2018
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HEAU, Alexis	04.02.2021	(51) F03B 13/06
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HELLEGOUARCH, Antoine Elie	(54) FUEL TANK SYSTEM	(21) EP20740552.3
(31) 1761239	(73) Mitsubishi Jidosha Kogyo Kabushiki	(47) 15.11.2023
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(51) F02K 1/72	OHSHIMA, Takuya	(22) 06.07.2020
F02K 3/06	MATSUNAGA, Hideo	(54) METHOD FOR CONSTRUCTING A
B64D 29/06	(31) 2019139521	PUMPED STORAGE POWER PLANT
B64D 29/08	(32) 30.07.2019	IN A GROUND DEPRESSION, IN
(11) EP3847362	(33) Japan	PARTICULAR IN AN OPEN-CAST MINE
(21) EP19783591.1	(51) F02M 35/02	(73) Schmidt-Böcking, Horst
(47) 15.11.2023	F02M 35/024	Luther, Gerhard
(87) FR2019052045	(11) EP3997323	(72) Schmidt-Böcking, Horst
12.03.2020	(21) EP20737597.3	Luther, Gerhard
(22) 04.09.2019	(47) 15.11.2023	(31) 102019118725
(54) THRUST REVERSER WITH MOVABLE	(87) IB2020056379	(32) 10.07.2019
STRUCTURE IN A C-SHAPE FOR AN	14.01.2021	(33) Germany
AIRCRAFT PROPULSION ASSEMBLY,	(22) 07.07.2020	(51) F03D 7/02
AND RELATED MAINTENANCE	(54) AIR FILTER INTENDED FOR I.C.	F03D 17/00
METHOD	ENGINES AND HAVING A SAFETY	(11) EP3851669
(73) Safran Nacelles	CARTRIDGE	(21) EP21150092.1
(72) CARUEL, Pierre	(73) Officine Metallurgiche G. Cornaglia	(47) 15.11.2023
ANAND, Shwetanjana	S.p.A.	(22) 04.01.2021
BOILEAU, Patrick	(72) BERTUCCI, Nazzareno	(54) SYSTEMS AND METHODS FOR
(31) 1858046	CORNAGLIA, Umberto	OPERATION OF WIND TURBINES
(32) 07.09.2018	GOTELLI, Mauro	USING IMPROVED POWER CURVES
(33) France	VITAGLIANI, Paolo	(73) General Electric Company
(51) F02K 3/06	(31) 201900011187	(72) Wang, Siyun
F02C 3/107	(32) 08.07.2019	Kammer, Leonardo Cesar
(11) EP3043058	(33) Italy	Wheeler, Frederick Wilson
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(73) RTX Corporation	(87) IB2020056381	H02P 9/00
(72) SCHWARZ, Frederick M.	14.01.2021	F03D 3/00
KUPRATIS, Daniel Bernard	(22) 07.07.2020	(11) EP3880957
(31) 201514593056	(54) AIR FILTER INTENDED FOR I.C.	(21) EP19883344.4
(32) 09.01.2015	ENGINES AND HAVING REPLACEABLE	(47) 15.11.2023
(33) United States of America	CARTRIDGES	(87) IL2019051172
(51) F02K 9/58	(73) Officine Metallurgiche G. Cornaglia	22.05.2020
B64G 1/40	S.p.A.	(22) 30.10.2019
F16K 31/02	(72) BERTUCCI, Nazzareno	(54) SAVONIUS WIND TURBINE
(11) EP4127443	CORNAGLIA, Umberto	(73) Farb, Mark Daniel
(21) EP21723310.5	GOTELLI, Mauro	(72) Farb, Mark Daniel
(47) 15.11.2023	VITAGLIANI, Paolo	(31) 201962840929 P
(87) FI2021050247	(31) 201900011190	201862767879 P
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(22) 01.04.2021	(33) Italy	15.11.2018
(54) THRUSTER ASSEMBLY	(51) F02M 61/18	(33) United States of America
(73) Aurora Propulsion Technologies Oy	F02M 29/04	United States of America
(72) PIETIKÄINEN, Pihla	F02B 23/06	(51) F03D 13/10
LAITINEN, Jaakko	(11) EP3594487	F03D 13/25
YLI-OPAS, Perttu	(21) EP19179257.1	F03D 1/02
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TAKALA, Roope	(22) 10.06.2019	(11) EP4077923
PEITSO, Pyry	(54) COMPRESSION-IGNITION INTERNAL	(21) EP20828020.6
SIEVINEN, Janne	COMBUSTION ENGINE	(47) 15.11.2023
(31) 20205344	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(87) DK2020050352
(32) 02.04.2020	KABUSHIKI KAISHA TOYOTA	24.06.2021
(33) Finland	JIDOSHOKKI	(22) 11.12.2020
(51) F02M 25/08	(72) TANNO, Shiro	

(54) A METHOD AND A DEVICE FOR DAMPENING MOVEMENT IN A MULTIPLE ROTOR WIND TURBINE LOCATED AT SEA	STRUCTURES AND METHOD COMPRISING SAID SYSTEM	(54) PISTON OF CYLINDER OF AIR COMPRESSOR
(73) VESTAS WIND SYSTEMS A/S	(73) Esteyco SA	(73) Chou, Wen-San
(72) JØRGENSEN, Brian	(72) SERNA GARCÍA-CONDE, José Salustiano	(72) Chou, Wen-San
DALSGAARD, Søren	FERNÁNDEZ GÓMEZ, Miguel Ángel	Chou, Cheng-Hsien
BØTTCHER, Peter	(31) 201630627	(31) 110114426
NETO, Julio Xavier Vianna	(32) 13.05.2016	(32) 21.04.2021
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(32) 20.12.2019	(11) EP4031766	B60K 25/06
(33) Denmark	(21) EP20772268.7	F04D 13/02
(51) F03D 13/20	(47) 15.11.2023	F04D 29/60
F03D 13/10	(87) EP2020075713	F03C 1/00
B33Y 30/00	25.03.2021	F04B 9/02
E04H 12/34	(22) 15.09.2020	F04B 17/05
E04H 12/12	(54) THERMAL ACTUATOR	F04B 17/06
E04G 21/04	ARRANGEMENT HAVING IMPROVED RESET TIME	(11) EP3615804
(11) EP3857059	(73) Universität des Saarlandes	(21) EP17907323.4
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(47) 15.11.2023	(72) BRITZ, Rouven	(87) SE2017050404
(87) US2018053466	SEELECKE, Stefan	01.11.2018
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(22) 28.09.2018	(31) 102019125143	(54) A POWER GENERATING UNIT
(54) SYSTEM AND METHOD FOR MANUFACTURING A WIND TURBINE TOWER STRUCTURE	(32) 18.09.2019	(73) Volvo Truck Corporation
(73) General Electric Company	(33) Germany	Parker Hannifin Manufacturing Sweden AB
(72) COOPER, Gregory Edward	(51) F04B 1/20	(72) LILJEBLAD, Benny
TURNQUIST, Norman Arnold	F04B 1/2035	JOHANSSON, Stefan
LISSIANSKI, Vitali Victor	F04B 1/24	NILSSON, Lars R.
FANG, Biao	F04B 53/16	(51) F04B 43/00
TOBIN, James Robert	F04B 11/00	F04B 43/02
MEYER, Pascal	F03C 1/06	F16J 3/02
(51) F03D 13/20	F01B 3/00	(11) EP3978751
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B33Y 80/00	(21) EP21171132.0	(47) 15.11.2023
B33Y 10/00	(47) 15.11.2023	(22) 21.07.2021
B33Y 70/00	(22) 29.04.2021	(54) COMPOSITE MEMBRANE FOR MEMBRANE PUMPS
E04G 21/04	(54) HYDRAULIC DEVICE	(73) ULMAN Dichtungstechnik GmbH
F15D 1/00	(73) INNAS B.V.	(72) Walz, Dominik
F15D 1/10	(72) ACHTEN, Peter Augustinus Johannes	Radom, Leon
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(21) EP18792659.7	F16K 31/06	(31) 102020125567
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(87) US2018053477	(21) EP19744514.1	(33) Germany
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(54) METHOD FOR MANUFACTURING WIND TURBINE TOWER STRUCTURE FOR PREVENTING VORTEX SHEDDING	01.08.2019	F04C 29/00
(73) General Electric Company	(22) 24.01.2019	F04C 29/04
(72) COOPER, Gregory Edward	(54) CAPACITY CONTROL VALVE	(11) EP4027015
(51) F03D 13/25	(73) Eagle Industry Co., Ltd.	(21) EP21216050.1
B63B 35/44	(72) HAYAMA, Masahiro	(47) 15.11.2023
B63B 1/14	OGAWA, Yoshihiro	(22) 20.12.2021
B63B 35/00	SHIRAFUJI, Keigo	(54) SCROLL COMPRESSOR
(11) EP3456960	FUKUDOME, Kohei	(73) Mitsubishi Heavy Industries Thermal Systems, Ltd.
(21) EP17795670.3	EJIMA, Takahiro	(72) KANAI, Akihiro
(47) 15.11.2023	KURIHARA, Daichi	TATEISHI, Taichi
(87) ES2017070306	TAKAHASHI, Wataru	YAMASHITA, Takuma
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(22) 12.05.2017	(32) 26.01.2018	UCHIKAWA, Emiri
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	(51) F04B 39/00	TAKASU, Yogo
	(11) EP4080052	(31) 2021000330
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	(47) 15.11.2023	(33) Japan
	(22) 31.03.2022	(51) F04C 18/02

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(47) 15.11.2023	(54) CONTROL APPARATUS OF A PUMP	CONTROL UNIT
(87) JP2020031324	SUPPLIED WITH THREE-PHASE	(73) Eaton Intelligent Power Limited
18.03.2021	CURRENT AND METHOD FOR	(72) SADULE, Shoab D.
(22) 19.08.2020	CONTROLLING THE POWER SUPPLY	(31) 201811017193
(54) SCROLL COMPRESSOR	OF SAID APPARATUS	(32) 07.05.2018
(73) Daikin Industries, Ltd.	(73) Trevitech S.r.l.	(33) India
(72) TSUKA, Yoshitomo	(72) FANTOZZI, Gino	(51) F15B 20/00
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(51) F04C 18/02	(51) F04D 29/54	(21) EP20732423.7
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07.02.2019	F24F 1/50	BREAKOUT FRICTION REDUCTION
(22) 04.08.2017	(11) EP3318766	AND LEAKAGE REDUCTION
(54) SCROLL COMPRESSOR	(21) EP17204460.4	(73) Parker-Hannifin Corporation
(73) Mitsubishi Electric Corporation	(47) 15.11.2023	(72) KRANE, Steven A.
(72) FUKUHARA, Koichi	(22) 02.12.2014	POLLEE, Dean R.
MATSUI, Tomokazu	(54) BLOWER AND OUTDOOR UNIT OF AIR	JOHNS, Scott N.
TAKAMURA, Yuji	CONDITIONER COMPRISING SAME	SCRANTON, David A.
(51) F04C 23/00	(73) Samsung Electronics Co., Ltd.	STREHLOW, Bernard J.
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(73) MITSUBISHI HEAVY INDUSTRIES	02.12.2013	F16B 21/06
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KIMATA, Yoshiyuki	F15B 20/00	(22) 13.12.2019
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(31) 2017053692	(21) EP17925600.3	AND A METHOD FOR OPERATING A
(32) 17.03.2017	(47) 15.11.2023	RELEASABLE FASTENING DEVICE
(33) Japan	(87) KR2017010418	(73) Ningbo Geely Automobile Research &
(51) F04D 13/10	28.03.2019	Development Co. Ltd.
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(47) 15.11.2023	PARK, Haeyong	A63B 21/055
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(54) SYSTEM AND APPARATUS FOR	(47) 15.11.2023	(22) 02.08.2018
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(73) Baker Hughes Oilfield Operations, LLC	(54) ACTUATOR WITH CENTRAL TORQUE	DEVICE FOR A TRAMPOLINE
(72) VAN DAM, Jeremy, Daniel	MEMBER	(73) Angehrn AG Umformtechnik
MICHELASSI, Vittorio	(73) 1994 Weyer Family Limited Partnership	(72) BISANG, Erwin
SEZAL, Ismail, Hakki	(72) WEYER, Dean R	MEHR, Christian
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(51) F04D 15/00	(21) EP19724343.9	(22) 16.03.2021
F04D 15/02	(47) 15.11.2023	(54) CLICK-CONNECTION
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A47B 91/00	(21) EP19177827.3	Hsu, Ming-Hao
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(47) 15.11.2023	(54) U-BASE FASTENER WITH FOLDED	(51) F16B 35/00
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F16B 5/04	(54) SELF-CUTTING CONCRETE SCREW	JOELEIT, Martin
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(22) 06.04.2017	12.05.2016	B60B 35/02
(54) ATTACHMENT COMPONENT AND	(33) Germany	B60B 37/06
METHOD FOR MANUFACTURING	Germany	F16C 3/02
A COMPOSITE PART WITH SAID	(51) F16B 25/00	(11) EP3911524
COMPONENT	E01D 19/12	(21) EP20707198.6
(73) Grojean, Maxime	E01D 22/00	(47) 15.11.2023
(72) Grojean, Maxime	F16B 37/14	(87) EP2020054178
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(51) F16B 21/02	(21) EP20725718.9	(73) Siemens Mobility Austria GmbH
F16B 37/04	(47) 15.11.2023	(72) MOSER, Christian
B62D 43/10	(87) EP2020063842	RIEGER, Martin
F16B 37/08	10.12.2020	RITTER, Helmut
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C01D 7/07	F24H 9/16	B60K 1/00
C02F 1/461	F02B 29/04	F28D 21/00
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(54) HEAT EXCHANGER FRACTAL	(54) PROTECTIVE VEST, IN PARTICULAR	(72) KADAVANICH, Vikorn
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(73) Hamilton Sundstrand Corporation	CARRIER VEST OR A BULLETPROOF	(31) 102019126466
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(11) EP3824241	METHOD FOR NEUTRALISING A	BELT
(21) EP19742027.6	TARGET IMPLEMENTING SUCH A	(73) ContiTech Antriebssysteme GmbH
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(51) F28F 7/02	(21) EP19214613.2	RELATIVE POSITION BETWEEN A
B22F 3/00	(47) 15.11.2023	FIXING ANCHOR ATTACHED TO A
B33Y 80/00	(22) 09.12.2019	SUPPORTING STRUCTURE AND
F28D 7/00	(54) PROJECTILE WITH DEPLOYABLE	A TENSIONED CARRYING CABLE
F28D 7/04	WING PLANS	ATTACHED TO THE END OF THE
(11) EP3842727	(73) Nexter Munitions	FIXING ANCHOR
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		ANGELEVSKI, Stefan
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(72) BENTON, David	SAARILAHTI, Jaakko	SUZUKI Katsuya
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(73) Nippon Telegraph and Telephone Corporation (72) KOIZUMI, Yuma KAWACHI, Yuta HARADA, Noboru SAITO, Shoichiro NAKAGAWA, Akira MURATA, Shin	(11) EP3645998 (21) EP18823246.6 (47) 15.11.2023 (87) US2018039556 03.01.2019 (22) 26.06.2018	(73) MAZDA MOTOR CORPORATION (72) ASADA, Teruaki SASAKI, Katsunobu EZAKI, Tatsuya SHIGENAGA, Tsutomu TAKAMI, Akihide (31) 2020164068 (32) 29.09.2020 (33) Japan
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(72) ADACHI Sakuichiro	G01N 21/3563	(72) Winter, Stefan
IJIMA Masahiko	G01N 21/95	(31) 102020106865
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(72) ROUSSEAU, Denis	DEVICE AND LIQUID CRYSTAL LIGHT	(31) 201710751655
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DIFFRACTIVE OPTICAL ASSEMBLY	(72) Pyo, Jonggil	CONTAINING THE SAME, CONTROL
(73) Hangzhou Upton Optoelectronics	(31) 20210048968	METHOD THEREOF, AND
Technology Co., Ltd.	(32) 15.04.2021	FABRICATION METHOD THEREOF
(72) WANG, Yiyan	(33) Korea (Republic)	(73) BOE Technology Group Co., Ltd.
YIN, Xiaodong	(51) G02F 1/13357	Hefei Xinsheng Optoelectronics
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(54) COMPUTER IMPLEMENTED METHOD	(72) XU, Jian	G02F 1/161
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(21) EP18862352.4	C01G 45/12	Limited
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(73) Kyocera Corporation	(21) EP20738579.0	C25B 15/08
(72) KITAGAWA, Akihiko	(47) 15.11.2023	C25B 9/00

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(47) 15.11.2023	SEPARATOR	(47) 15.11.2023
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(47) 15.11.2023	H01M 10/0569	H01M 50/188
(22) 20.06.2022	H01M 4/525	H01M 50/30
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(33) Italy	ADDITIVE AND METHOD OF	(54) TOP COVER ASSEMBLY FOR
(51) H01M 8/04089	PREPARING THE LITHIUM	BATTERY AND BATTERY
H01M 8/0662	SECONDARY BATTERY	(73) Shenzhen Hairun New Energy
B64D 41/00	(73) Samsung Electronics Co., Ltd.	Technology Co., Ltd.
B64D 37/32	Samsung SDI Co., Ltd.	Xiamen Hithium Energy Storage
A62C 3/06	(72) KOH, Myongchun	Technology Co., Ltd.
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A62C 99/00	SEO, Jinah	YI, Ziqi
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LOAD APPLICATION CAPABILITY AND	(21) EP20812213.5	G01R 31/52
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H01M 50/414	GUO, Yongsheng	H01M 50/209
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H01M 50/528	G01R 31/396	RECHARGEABLE BATTERY AND USES
H01M 4/66	H01M 10/42	THEREOF
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H01M 4/139	H01M 50/209	(72) YANG, Tao
H01M 10/0587	H01M 50/213	M. MIKHALEV, Sergey
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(73) Contemporary Amperex Technology Co.,	F28F 13/00	H01M 50/107
Limited	H01M 10/627	H01M 50/15
(72) LI, Jing	H01M 10/613	H01M 50/152
XUE, Qingrui	A62C 3/16	H01M 50/166
ZHANG, Zige	A62C 37/40	H01M 50/171
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YANG, Xianwei	A62C 35/68	H01M 50/209
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(47) 15.11.2023	(72) PARK, Dong-Ho	Limited
(22) 17.12.2019	YOO, Ji-Ho	(72) WU, Ningsheng
(54) BATTERY BOX	LEE, Yong-Tae	XING, Chengyou
(73) Contemporary Amperex Technology Co.,	LEE, Jong-Soo	WANG, Peng
Limited	HONG, Sang-Woo	LIANG, Chengdu
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ZHAO, Bin	BATTERY INCLUDING THE SAME	(73) Airbus Defence and Space GmbH
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(73) SANYO Electric Co., Ltd.	DEVICE FOR MANUFACTURING	KARLSSON, Dan
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(73) SK TELECOM CO., LTD.	KOGA Yohei	BRAND, Jürgen
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(72) SEONG, Hee Chang	H01Q 21/00	KLOPPENBURG, Christian
SHIN, Joon Young	H01Q 9/04	BERGHAHN, Kevin
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(73) Huawei Cloud Computing Technologies Co., Ltd. (72) ZHAO, Can (31) 201810903615 (32) 09.08.2018 (33) China	(73) Panasonic Intellectual Property Corporation of America (72) UJIE, Yoshihiro HAGA, Tomoyuki MAEDA, Manabu MATSUSHIMA, Hideki KISHIKAWA, Takeshi TSURUMI, Junichi KASHIMA, Hisashi TORIUMI, Yukino KUWAHARA, Takuya	(72) FILSFILS, Clarence BASHANDY, Ahmed Refaat RAZA, Syed Kamran DUKES, Darren BRISSETTE, Patrice BHATTACHARYA, Jisu
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LIN, Yun	(11) EP3370385	MERCHANT, Shashank, C.
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(54) CONTACT STRUCTURE AND ELECTRONIC DEVICE INCLUDING SAME	(54) DEVICE AND SYSTEM FOR MONITORING INTERNAL ORGANS OF A HUMAN OR ANIMAL	(73) Connaught Electronics Ltd.
(73) Samsung Electronics Co., Ltd.	(73) Pulsenmore Ltd.	(72) GUO, Huanqing
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(73) Shanghai Wingtech Electronics Technology Co., Ltd.	(54) STABILIZING IMAGE FORMING QUALITY	
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AGIWAL, Anil	UPLINK SIGNAL IN WIRELESS	KERÄNEN, Ari
NIGAM, Anshuman	COMMUNICATION SYSTEM	OITTINEN, Veikko
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MELTDOWN	NIELSEN, Bo, V.	WYSTUP, Ralph
(73) Commissariat à l'Energie Atomique et	DAHL, Soren, R.	SCHROTH, Sebastian
aux Energies Alternatives	(74) dr. W.A.H.M. Van Borm	WECKERT, Marco
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MANUFACTURING SAME	(73) BYD Company Limited	(74) ir. H.Th. van den Heuvel c.s.
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(00) 12.07.2023	

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

(11) 1043736

(48) 22.11.2023

(00) Correctie naam houder

(51) A47G 19/06

B65D 3/26

(11) EP3590014

(00) 22.09.2023

(00) Proceedings Interruption: Legal
prevention (Rule 142(1)(b))

(51) G05D 1/00

G05D 1/02

(11) EP3999257

(00) 09.10.2023

(00) Suspension (Rule 14)

(51) B09B 3/00

B09B 3/40

B09B 3/45

B09B 5/00

C10J 3/00

C10J 3/72

F23G 5/00

F23G 5/027

C10B 41/00

C10B 47/30

C10B 53/07

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Koninklijke Douwe Egberts B.V. KONINKLIJKE PHILIPS N.V.	(73) MAN Truck & Bus SE (11) EP1717421 (00) 31.10.2023	(11) EP1832468 (00) 31.10.2023 (51) B60N 2/24 B60R 7/04
(73) Versuni Holding B.V. Koninklijke Douwe Egberts B.V.	(51) F01M 11/00 F02B 29/04	(00) Change of owner(s) name
(11) 2006232 (00) 08.11.2023	(00) Assignment	(71) MAN Truck & Bus Österreich GesmbH
(51) A47J 31/40 A47J 31/42 A47J 42/50	(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE (11) EP1717421 (00) 31.10.2023	(73) MAN Truck & Bus SE (11) EP1832468 (00) 31.10.2023 (51) B60N 2/24 B60R 7/04
(00) Change of owner(s) name	(51) F01M 11/00 F02B 29/04	(00) Change of Legal Entity
(71) Versuni Holding B.V. Koninklijke Douwe Egberts B.V.	(00) Change of Legal Entity	(71) MAN Nutzfahrzeuge Österreich Holding AG
(73) Versuni Holding B.V. Koninklijke Douwe Egberts B.V.	(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE	(73) MAN Truck & Bus SE
(11) 2006232 (00) 08.11.2023	(11) EP1801392 (00) 31.10.2023	(11) EP1832468 (00) 31.10.2023
(51) A47J 31/40 A47J 31/42 A47J 42/50	(51) F02B 37/013 F02D 9/06	(51) B60N 2/24 B60R 7/04
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(71) Mineralz B.V. (73) Mineralz B.V.	(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE
(11) 2002282 (00) 30.10.2023	(11) EP1832468 (00) 31.10.2023	(11) EP1843033 (00) 31.10.2023
(51) C04B 7/13	(51) B60N 2/24 B60R 7/04	(51) F02M 25/07 (00) Assignment
(00) Merge	(00) Assignment	(71) MAN Truck & Bus Österreich GesmbH
(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE	(73) MAN Truck & Bus SE
(11) EP1707424 (00) 31.10.2023	(11) EP1826100 (00) 31.10.2023	(11) EP1843033 (00) 31.10.2023
(51) B60K 20/00 B62D 33/073	(51) B60G 21/05 B62D 21/02 B62D 21/11	(51) F02M 25/07 (00) Change of Legal Entity
(00) Change of Legal Entity	(00) Change of Legal Entity	(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE
(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE	(11) EP1447247 (00) 31.10.2023
(11) EP1801392 (00) 31.10.2023	(11) EP1826100 (00) 31.10.2023	(51) B60G 9/00 B60G 11/27
(51) F02B 37/013 F02D 9/06	(51) B60G 21/05 B62D 21/02 B62D 21/11	(00) Assignment
(00) Change of Legal Entity	(00) Assignment	(71) Caffitaly System S.P.A. Versuni Holding B.V.
(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE	(73) Caffitaly System S.P.A. Versuni Holding B.V.
(11) EP1632413 (00) 31.10.2023	(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE	(11) EP1554958 (00) 08.11.2023
(51) B60T 17/00	(11) EP1447247 (00) 31.10.2023	(51) A47J 31/36 A47J 31/40
(00) Assignment	(51) B60G 9/00 B60G 11/27	(00) Assignment
(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE	(00) Change of Legal Entity	(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE
(11) EP1632413 (00) 31.10.2023	(71) Sensile Medical AG (73) Sensile Medical AG	(11) EP1852582 (00) 31.10.2023
(51) B60T 17/00	(11) EP1966490 (00) 07.11.2023	(51) B01D 53/94 F01N 3/08 F01N 3/20
(00) Change of Legal Entity	(51) A61M 5/142 F04B 7/06 F04B 19/00 F04B 51/00	(00) Change of Legal Entity
(71) MAN Truck & Bus SE (73) MAN Truck & Bus SE	(00) Change of owner(s) name	(71) MAN Truck & Bus Österreich GesmbH (73) MAN Truck & Bus SE
(11) EP1659308 (00) 31.10.2023	(71) MAN Truck & Bus Österreich AG (73) MAN Truck & Bus SE	(11) EP1852583 (00) 31.10.2023
(51) F16D 25/065 F16D 43/284		(51) B01D 53/94
(00) Assignment		
(71) MAN Truck & Bus SE		

F01N 3/08	(00) 31.10.2023	F41H 7/04
F01N 3/20	(51) F01N 3/08	(00) Change of owner(s) name
(00) Change of Legal Entity	F01N 3/28	(71) MAN Truck & Bus SE
(71) MAN Truck & Bus SE	F01N 13/04	(73) MAN Truck & Bus SE
(73) MAN Truck & Bus SE	(00) Assignment	(11) EP2031341
(11) EP1852583	(71) MAN Truck & Bus SE	(00) 31.10.2023
(00) 31.10.2023	(73) MAN Truck & Bus SE	(51) B62D 33/063
(51) B01D 53/94	(11) EP1967394	F41H 7/04
F01N 3/08	(00) 31.10.2023	(00) Assignment
F01N 3/20	(51) B60G 11/04	(71) MAN Truck & Bus Österreich GesmbH
(00) Assignment	B60G 11/12	(73) MAN Truck & Bus SE
(71) MAN Truck & Bus SE	(00) Assignment	(11) EP1690781
(73) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH	(00) 31.10.2023
(11) EP1852582	(73) MAN Truck & Bus SE	(51) B62D 33/067
(00) 31.10.2023	(11) EP1967394	(00) Change of Legal Entity
(51) B01D 53/94	(00) 31.10.2023	(71) MAN Truck & Bus SE
F01N 3/08	(51) B60G 11/04	(73) MAN Truck & Bus SE
F01N 3/20	B60G 11/12	(11) EP1707424
(00) Assignment	(00) Change of Legal Entity	(00) 31.10.2023
(71) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH	(51) B60K 20/00
(73) MAN Truck & Bus SE	(73) MAN Truck & Bus SE	B62D 33/073
(11) EP1571013	(11) EP2017441	(00) Assignment
(00) 31.10.2023	(00) 31.10.2023	(71) MAN Truck & Bus Österreich GesmbH
(51) B60G 7/04	(51) F01N 3/08	(73) MAN Truck & Bus SE
B60G 11/12	F01N 3/28	(11) EP1770000
(00) Assignment	F01N 13/04	(00) 31.10.2023
(71) MAN Truck & Bus SE	(00) Change of Legal Entity	(51) B62D 5/06
(73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE	F02B 67/04
(11) EP1903192	(73) MAN Truck & Bus SE	(00) Change of Legal Entity
(00) 31.10.2023	(11) EP1690781	(71) MAN Truck & Bus Österreich GesmbH
(51) B01D 46/50	(00) 31.10.2023	(73) MAN Truck & Bus SE
F01N 3/022	(51) B62D 33/067	(11) EP2110527
F01N 3/027	(00) Assignment	(00) 31.10.2023
(00) Assignment	(71) MAN Truck & Bus Österreich GesmbH	(51) F01N 1/08
(71) MAN Truck & Bus Österreich GesmbH	(73) MAN Truck & Bus SE	F01N 5/02
(73) MAN Truck & Bus SE	(11) EP2030874	F02G 5/02
(11) EP1903192	(00) 31.10.2023	(00) Change of Legal Entity
(00) 31.10.2023	(51) B62D 33/06	(71) NOVA LABORATORIES LIMITED
(51) B01D 46/50	F41H 7/04	(73) NOVA PRIMARY MANUFACTURING LIMITED
F01N 3/022	(00) Change of Legal Entity	(11) EP2162208
F01N 3/027	(71) MAN Truck & Bus Österreich GesmbH	(00) 06.11.2023
(00) Change of Legal Entity	(73) MAN Truck & Bus SE	(51) B01J 19/00
(71) MAN Truck & Bus Österreich GesmbH	(11) EP2031341	(00) Assignment
(73) MAN Truck & Bus SE	(00) 31.10.2023	(71) NOVA PRIMARY MANUFACTURING LIMITED
(11) EP1571013	(51) B62D 33/063	(73) NOVA PRIMARY MANUFACTURING LIMITED
(00) 31.10.2023	F41H 7/04	(11) EP2162208
(51) B60G 7/04	(00) Change of Legal Entity	(00) 06.11.2023
B60G 11/12	(71) MAN Nutzfahrzeuge Österreich Holding AG	(51) B01J 19/00
(00) Change of Legal Entity	AG	(00) Assignment
(71) MAN Truck & Bus Österreich GesmbH	(73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE
(73) MAN Truck & Bus SE	(11) EP2030874	(73) MAN Truck & Bus SE
(11) EP1659308	(00) 31.10.2023	(11) EP1770000
(00) 31.10.2023	(51) B62D 33/06	(00) 31.10.2023
(51) F16D 25/065	F41H 7/04	(51) B62D 5/06
F16D 43/284	(00) Change of owner(s) name	F02B 67/04
(00) Change of Legal Entity	(71) MAN Truck & Bus SE	(00) Assignment
(71) POLO TECNOLOGICO PIEMONTESE SRL	(73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE
(73) POLO TECNOLOGICO PIEMONTESE SRL	(11) EP2030874	(73) MAN Truck & Bus SE
(11) EP1773987	(00) 31.10.2023	(11) EP2154029
(00) 06.11.2023	(51) B62D 33/06	(00) 31.10.2023
(51) C12N 5/077	F41H 7/04	(51) B60R 19/04
(00) Merge	(00) Assignment	B60R 19/56
(71) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich AG	(00) Assignment
(73) MAN Truck & Bus SE	(73) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH
(11) EP2017441	(11) EP2030874	
	(00) 31.10.2023	
	(51) B62D 33/06	

(73) MAN Truck & Bus SE	(00) Change of Legal Entity	(71) Horus Pharma
(11) EP2154029	(71) MAN Truck & Bus Österreich GesmbH	(73) Horus Pharma
(00) 31.10.2023	(73) MAN Truck & Bus SE	(11) EP2811951
(51) B60R 19/04	(11) EP2196661	(00) 31.10.2023
B60R 19/56	(00) 31.10.2023	(51) A61F 9/00
(00) Change of Legal Entity	(51) F01N 3/28	(00) Assignment
(71) Versuni Holding B.V.	F01N 5/02	(71) HOCOHOOLD B.V.
(73) Versuni Holding B.V.	F02B 29/04	(73) HOCOHOOLD B.V.
(11) EP2034872	F02B 37/013	(11) 2016014
(00) 08.11.2023	F02G 5/04	(00) 31.10.2023
(51) A47J 39/00	F02M 25/07	(51) E02D 27/38
(00) Assignment	(00) Change of Legal Entity	(00) Assignment
(71) MAN Truck & Bus SE	(71) Sensile Medical AG	(71) MAN Truck & Bus SE
(73) MAN Truck & Bus SE	(73) Sensile Medical AG	(73) MAN Truck & Bus SE
(11) EP2650195	(11) EP2143947	(11) EP1905978
(00) 31.10.2023	(00) 07.11.2023	(00) 31.10.2023
(51) B62D 33/06	(51) A61M 5/142	(51) F01P 7/14
B62D 33/067	F04B 7/06	F01P 7/16
B62D 33/07	F04B 9/04	F02B 29/04
(00) Assignment	F04B 19/00	F02B 37/013
(71) MAN Truck & Bus SE	F04B 51/00	(00) Assignment
(73) MAN Truck & Bus SE	(00) Change of owner(s) name	(71) MAN Truck & Bus Österreich GesmbH
(11) EP2110527	(71) MAN Truck & Bus Österreich GesmbH	(73) MAN Truck & Bus SE
(00) 31.10.2023	(73) MAN Truck & Bus SE	(11) EP2871346
(51) F01N 1/08	(11) EP2412955	(00) 31.10.2023
F01N 5/02	(00) 31.10.2023	(51) B60K 25/00
F02G 5/02	(51) F01L 13/06	B60W 10/30
(00) Assignment	F02B 37/02	F02B 67/06
(71) MAN Truck & Bus SE	F02B 37/18	F02B 77/08
(73) MAN Truck & Bus SE	F02B 37/22	F16D 41/00
(11) EP2196661	F02D 9/06	F16H 7/02
(00) 31.10.2023	F02D 13/04	G01K 15/00
(51) F01N 3/28	F02D 41/00	(00) Change of Legal Entity
F01N 5/02	(00) Change of Legal Entity	(71) MAN Truck & Bus SE
F02B 29/04	(71) FMC Agro Singapore Pte. Ltd.	(73) MAN Truck & Bus SE
F02B 37/013	(73) FMC Agro Singapore Pte. Ltd.	(11) EP2871346
F02G 5/04	(11) EP2655333	(00) 31.10.2023
F02M 25/07	(00) 07.11.2023	(51) B60K 25/00
(00) Assignment	(51) A01N 43/56	B60W 10/30
(71) MAN Truck & Bus Österreich GesmbH	C07D 231/14	F02B 67/06
(73) MAN Truck & Bus SE	(00) Assignment	F02B 77/08
(11) EP1905978	(71) ARGAL ALIMENTACION SA	F16D 41/00
(00) 31.10.2023	(73) ARGAL ALIMENTACION SA	F16H 7/02
(51) F01P 7/14	(11) 1041579	G01K 15/00
F01P 7/16	(00) 27.10.2023	(00) Assignment
F02B 29/04	(51) A23L 13/00	(71) Versuni Holding B.V.
F02B 37/013	A23L 13/40	(73) Versuni Holding B.V.
(00) Change of Legal Entity	A23L 27/00	(11) 2017286
(71) MAN Truck & Bus SE	(00) Change of owner(s) name	(00) 08.11.2023
(73) MAN Truck & Bus SE	(71) Refractory Intellectual Property GmbH & Co. KG	(51) A47J 31/36
(11) EP2412955	(73) Refractory Intellectual Property GmbH & Co. KG	(00) Assignment
(00) 31.10.2023	(11) EP2756271	(71) LioniX International B.V.
(51) F01L 13/06	(00) 01.11.2023	(73) LioniX International B.V.
F02B 37/02	(51) B22D 2/00	(11) EP2101167
F02B 37/18	F27D 21/00	(00) 07.11.2023
F02B 37/22	G01F 23/26	(51) B01L 3/00
F02D 9/06	G01F 23/284	G01N 21/77
F02D 13/04	(00) Assignment	G01N 27/447
F02D 41/00	(71) Versuni Holding B.V.	H01S 5/14
(00) Assignment	(73) Versuni Holding B.V.	(00) Merge
(71) MAN Truck & Bus Österreich GesmbH	(11) EP2347186	(71) ML TECH CO.,LTD.
(73) MAN Truck & Bus SE	(00) 08.11.2023	(73) Mitsui Chemicals, Inc.
(11) EP2650195	(51) A47J 37/06	(11) EP2805949
(00) 31.10.2023	F24C 15/32	(00) 03.11.2023
(51) B62D 33/06	(00) Assignment	(51) C07D 409/12
B62D 33/067		C08G 18/52
B62D 33/07		C08G 18/58

G02B 1/04	(00) Change of Legal Entity	(73) MAN Truck & Bus SE
(00) Change of owner(s) name	(71) MAN Truck & Bus Österreich GesmbH	(11) EP2770170
(71) MAN Truck & Bus Österreich GesmbH	(73) MAN Truck & Bus SE	(00) 31.10.2023
(73) MAN Truck & Bus SE	(11) EP2816195	(51) F01K 23/06
(11) EP2154400	(00) 31.10.2023	F02G 5/00
(00) 31.10.2023	(51) F01B 25/10	(00) Assignment
(51) F01B 1/08	F01D 17/14	(71) MAN Truck & Bus SE
F01B 5/00	F01L 15/00	(73) MAN Truck & Bus SE
F01K 23/06	(00) Change of Legal Entity	(11) EP2816195
F02G 5/00	(71) Versuni Holding B.V.	(00) 31.10.2023
F16J 1/00	(73) Versuni Holding B.V.	(51) F01B 25/10
F16J 1/09	(11) EP1753691	F01D 17/14
(00) Change of Legal Entity	(00) 08.11.2023	F01L 15/00
(71) Mitsui Chemicals, Inc.	(51) B67D 1/08	(00) Assignment
(73) Mitsui Chemicals, Inc.	(00) Assignment	(71) MAN Truck & Bus SE
(11) EP2805949	(71) UCL BUSINESS LTD	(73) MAN Truck & Bus SE
(00) 03.11.2023	(73) FONDAZIONE Ri.MED	(11) EP2647814
(51) C07D 409/12	(11) EP2629700	(00) 31.10.2023
C08G 18/52	(00) 08.11.2023	(51) F02D 9/06
C08G 18/58	(51) A61F 2/01	F02D 41/00
G02B 1/04	A61F 2/24	F02M 26/00
(00) Assignment	A61F 2/95	(00) Assignment
(71) MAN Truck & Bus SE	A61F 2/966	(71) FONDAZIONE Ri.MED
(73) MAN Truck & Bus SE	(00) Change of Legal Entity	(73) FONDAZIONE Ri.MED
(11) EP2154400	(71) Geehy Microelectronics Inc.	(11) EP2629700
(00) 31.10.2023	(73) Geehy Microelectronics Inc.	(00) 08.11.2023
(51) F01B 1/08	(11) EP3075541	(51) A61F 2/01
F01B 5/00	(00) 03.11.2023	A61F 2/24
F01K 23/06	(51) B41J 2/175	A61F 2/95
F02G 5/00	(00) Change of Legal Entity	A61F 2/966
F16J 1/00	(71) MAN Truck & Bus Österreich GesmbH	(00) Assignment
F16J 1/09	(73) MAN Truck & Bus SE	(71) FMC Agro Singapore Pte. Ltd.
(00) Assignment	(11) EP2693001	(73) FMC Agro Singapore Pte. Ltd.
(71) Renew Technologies Hungary Kft.	(00) 31.10.2023	(11) EP3087058
(73) Renew Technologies Hungary Kft.	(51) F01K 23/06	(00) 07.11.2023
(11) EP2996987	F01K 23/10	(51) C07C 243/28
(00) 31.10.2023	(00) Change of Legal Entity	C07D 231/14
(51) C02F 1/04	(71) MAN Truck & Bus SE	(00) Assignment
C02F 1/66	(73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE
C02F 9/00	(11) EP2693001	(73) MAN Truck & Bus SE
C02F 11/04	(00) 31.10.2023	(11) EP2634393
C02F 11/18	(51) F01K 23/06	(00) 31.10.2023
C02F 103/32	F01K 23/10	(51) F02B 37/16
C02F 103/34	(00) Assignment	F02B 37/18
(00) Assignment	(71) Versuni Holding B.V.	F02B 37/22
(71) PIERRE FABRE MEDICAMENT	(73) Versuni Holding B.V.	F02D 9/06
(73) PIERRE FABRE MEDICAMENT	(11) EP1753692	F01N 13/10
(11) EP2421504	(00) 08.11.2023	F02M 26/06
(00) 07.11.2023	(51) B67D 1/08	F02M 26/10
(51) A61K 9/00	(00) Assignment	F02M 26/16
A61K 31/13	(71) MAN Truck & Bus Österreich GesmbH	F02M 26/70
A61K 9/08	(73) MAN Truck & Bus SE	(00) Assignment
(00) Merge	(11) EP1762449	(71) MAN Truck & Bus Österreich GesmbH
(71) Vitesco Technologies GmbH	(00) 31.10.2023	(73) MAN Truck & Bus SE
(73) Vitesco Technologies GmbH	(51) B60R 11/00	(11) EP2634393
(11) EP2898306	B60T 17/04	(00) 31.10.2023
(00) 08.11.2023	F16L 3/02	(51) F02B 37/16
(51) G01L 23/08	(00) Change of Legal Entity	F02B 37/18
G01L 23/22	(71) MAN Truck & Bus SE	F02B 37/22
(00) Assignment	(73) MAN Truck & Bus SE	F02D 9/06
(71) MAN Truck & Bus Österreich GesmbH	(11) EP1762449	F01N 13/10
(73) MAN Truck & Bus SE	(00) 31.10.2023	F02M 26/06
(11) EP2647814	(51) B60R 11/00	F02M 26/10
(00) 31.10.2023	B60T 17/04	F02M 26/16
(51) F02D 9/06	F16L 3/02	F02M 26/70
F02D 41/00	(00) Assignment	(00) Change of Legal Entity
F02M 26/00	(71) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH

(73) MAN Truck & Bus SE	F01K 23/06	(51) F02D 9/06
(11) EP2543525	F01K 23/14	F02D 41/00
(00) 31.10.2023	F01P 3/22	F02D 41/12
(51) B60D 1/60	F02B 41/06	F02M 26/00
(00) Change of Legal Entity	F02G 1/043	(00) Change of Legal Entity
(71) MAN Truck & Bus SE	(00) Change of Legal Entity	(71) MAN Truck & Bus SE
(73) MAN Truck & Bus SE	(71) MAN Truck & Bus SE	(73) MAN Truck & Bus SE
(11) EP2543525	(73) MAN Truck & Bus SE	(11) EP3088711
(00) 31.10.2023	(11) EP2116697	(00) 31.10.2023
(51) B60D 1/60	(00) 31.10.2023	(51) F02D 9/06
(00) Assignment	(51) F01B 27/04	F02D 41/00
(71) Versuni Holding B.V.	F01K 15/02	F02D 41/12
(73) Versuni Holding B.V.	F01K 21/02	F02M 26/00
(11) EP1753693	F01K 23/06	(00) Assignment
(00) 08.11.2023	F01K 23/14	(71) MAN Truck & Bus SE
(51) B67D 1/14	F01P 3/22	(73) MAN Truck & Bus SE
(00) Assignment	F02B 41/06	(11) EP2907712
(71) Horus Pharma	F02G 1/043	(00) 31.10.2023
(73) Horus Pharma	(00) Assignment	(51) B60G 11/30
(11) EP3107821	(71) Geehy Microelectronics Inc.	B60T 13/26
(00) 31.10.2023	(73) Geehy Microelectronics Inc.	(00) Assignment
(51) B65D 47/18	(11) EP2886352	(71) Versuni Holding B.V.
B65D 47/20	(00) 03.11.2023	(73) Versuni Holding B.V.
(00) Assignment	(51) B41J 2/175	(11) EP3169210
(71) MAN Truck & Bus Österreich GesmbH	(00) Change of Legal Entity	(00) 08.11.2023
(73) MAN Truck & Bus SE	(71) Versuni Holding B.V.	(51) A47L 1/05
(11) EP2770170	(73) Versuni Holding B.V.	A47L 5/24
(00) 31.10.2023	(11) 2020842	A47L 7/00
(51) F01K 23/06	(00) 08.11.2023	(00) Assignment
F02G 5/00	(51) A47J 37/06	(71) MAN Truck & Bus SE
(00) Change of Legal Entity	(00) Assignment	(73) MAN Truck & Bus SE
(71) NOVA PRIMARY MANUFACTURING LIMITED	(71) Iveco S.p.A.	(11) EP3121066
(73) NOVA PRIMARY MANUFACTURING LIMITED	(73) Iveco S.p.A.	(00) 31.10.2023
(11) EP2385875	(11) EP3143653	(51) B32B 1/08
(00) 06.11.2023	(00) 26.10.2023	B60R 16/08
(51) B01J 19/00	(51) B60L 3/00	(00) Assignment
(00) Assignment	B60L 11/18	(71) Versuni Holding B.V.
(71) NOVA LABORATORIES LIMITED	H01M 2/10	Koninklijke Douwe Egberts B.V.
(73) NOVA PRIMARY MANUFACTURING LIMITED	H01M 2/12	(73) Versuni Holding B.V.
(11) EP2385875	H01M 10/0525	Koninklijke Douwe Egberts B.V.
(00) 06.11.2023	H01M 10/613	(11) EP2777452
(51) B01J 19/00	H01M 10/6551	(00) 08.11.2023
(00) Assignment	H01M 10/6555	(51) A47J 31/40
(71) MAN Truck & Bus Österreich GesmbH	H01M 10/6556	A47J 31/42
(73) MAN Truck & Bus SE	H01M 10/6562	A47J 42/50
(11) EP2907712	H01M 10/6563	(00) Assignment
(00) 31.10.2023	(00) Assignment	(71) MAN Truck & Bus Österreich GesmbH
(51) B60G 11/30	(71) MAN Truck & Bus Österreich GesmbH	(73) MAN Truck & Bus SE
B60T 13/26	(73) MAN Truck & Bus SE	(11) EP2985434
(00) Change of Legal Entity	(11) EP2452863	(00) 31.10.2023
(71) Versuni Holding B.V.	(00) 31.10.2023	(51) F01N 3/20
(73) Versuni Holding B.V.	(51) B62D 27/06	F01N 3/28
(11) EP2931051	(00) Change of Legal Entity	F01N 13/00
(00) 08.11.2023	(71) Versuni Holding B.V.	(00) Change of Legal Entity
(51) A21C 3/04	(73) Versuni Holding B.V.	(71) MAN Truck & Bus SE
A21C 11/20	(11) EP2337475	(73) MAN Truck & Bus SE
(00) Assignment	(00) 08.11.2023	(11) EP2985434
(71) MAN Truck & Bus Österreich GesmbH	(51) A46B 11/00	(00) 31.10.2023
(73) MAN Truck & Bus SE	A46B 13/04	(51) F01N 3/20
(11) EP2116697	A47L 11/18	F01N 3/28
(00) 31.10.2023	A47L 11/282	F01N 13/00
(51) F01B 27/04	A47L 11/40	(00) Assignment
F01K 15/02	(00) Assignment	(71) MAN Truck & Bus SE
F01K 21/02	(71) MAN Truck & Bus Österreich GesmbH	(73) MAN Truck & Bus SE
	(73) MAN Truck & Bus SE	(11) EP3284661
	(11) EP3088711	(00) 31.10.2023
	(00) 31.10.2023	(51) B62D 33/067

(00) Assignment	(00) Assignment	(00) Assignment
(71) Versuni Holding B.V.	(71) MAN Truck & Bus SE	(71) MAN Truck & Bus Österreich GesmbH
(73) Versuni Holding B.V.	(73) MAN Truck & Bus SE	(73) MAN Truck & Bus SE
(11) EP3119250	(11) EP3034842	(11) EP3034844
(00) 08.11.2023	(00) 31.10.2023	(00) 31.10.2023
(51) A47J 37/12	(51) F02D 9/06	(51) F02B 37/02
(00) Assignment	F02D 13/04	F02D 9/06
(71) MAN Truck & Bus SE	(00) Assignment	F02D 9/10
(73) MAN Truck & Bus SE	(71) LioniX International B.V.	F02D 13/04
(11) EP3144170	(73) LioniX International B.V.	F01N 13/10
(00) 31.10.2023	(11) EP1704432	(00) Change of Legal Entity
(51) B60K 13/04	(00) 30.10.2023	(71) JDI Design and Development G.K.
B60K 15/067	(51) G02B 6/12	(73) JDI Design and Development G.K.
B60K 15/073	G02B 6/122	(11) EP2189966
(00) Assignment	G02B 6/132	(00) 08.11.2023
(71) Geehy Microelectronics Inc.	(00) Merge	(51) G09G 3/20
(73) Geehy Microelectronics Inc.	(71) Versuni Holding B.V.	G09G 3/30
(11) EP3090876	(73) Versuni Holding B.V.	H01L 51/50
(00) 03.11.2023	(11) EP3316756	H04N 5/70
(51) B41J 2/175	(00) 08.11.2023	(00) Assignment
H04L 9/28	(51) A47L 9/28	(71) Refractory Intellectual Property GmbH & Co. KG
(00) Change of Legal Entity	(00) Assignment	(73) Refractory Intellectual Property GmbH & Co. KG
(71) MAN Truck & Bus Österreich GesmbH	(71) MAN Truck & Bus Österreich GesmbH	(11) EP2564173
(73) MAN Truck & Bus SE	(73) MAN Truck & Bus SE	(00) 01.11.2023
(11) EP2412954	(11) EP3034842	(51) B22D 2/00
(00) 31.10.2023	(00) 31.10.2023	G01F 23/24
(51) F01L 13/06	(51) F02D 9/06	G01F 23/26
F02B 37/18	F02D 13/04	G01N 27/06
F02B 37/22	(00) Change of Legal Entity	G01N 33/20
F02D 9/06	(71) Versuni Holding B.V.	(00) Assignment
F02D 13/04	(73) Versuni Holding B.V.	(71) Harald Struck
F02D 41/00	(11) EP3046451	(73) Harald Struck
(00) Change of Legal Entity	(00) 08.11.2023	(11) EP3155346
(71) MAN Truck & Bus SE	(51) A47J 27/00	(00) 06.11.2023
(73) MAN Truck & Bus SE	A47J 37/00	(51) F41A 1/06
(11) EP2412954	(00) Assignment	F41A 13/06
(00) 31.10.2023	(71) MAN Truck & Bus SE	F41A 21/28
(51) F01L 13/06	(73) MAN Truck & Bus SE	(00) Assignment
F02B 37/18	(11) EP3034843	(71) Versuni Holding B.V.
F02B 37/22	(00) 31.10.2023	(73) Versuni Holding B.V.
F02D 9/06	(51) F01L 13/06	(11) EP3150096
F02D 13/04	F02B 37/02	(00) 08.11.2023
F02D 41/00	F02B 37/18	(51) A47L 5/30
(00) Assignment	F02B 37/22	A47L 9/04
(71) MAN Truck & Bus SE	F02D 9/06	A47L 9/06
(73) MAN Truck & Bus SE	F02D 13/04	(00) Assignment
(11) EP2452863	(00) Assignment	(71) Curonix LLC
(00) 31.10.2023	(71) MAN Truck & Bus Österreich GesmbH	(73) Curonix LLC
(51) B62D 27/06	(73) MAN Truck & Bus SE	(11) EP2694154
(00) Assignment	(11) EP3034843	(00) 02.11.2023
(71) PIERRE FABRE MEDICAMENT	(00) 31.10.2023	(51) A61N 1/00
(73) PIERRE FABRE MEDICAMENT	(51) F01L 13/06	A61N 1/05
(11) EP2497461	F02B 37/02	A61N 1/36
(00) 07.11.2023	F02B 37/18	A61N 1/372
(51) A61K 9/08	F02B 37/22	A61N 1/378
A61K 31/138	F02D 9/06	(00) Assignment
A61P 7/00	F02D 13/04	(71) Versuni Holding B.V.
A61P 9/00	(00) Change of Legal Entity	(73) Versuni Holding B.V.
A61P 35/00	(71) MAN Truck & Bus SE	(11) EP3282904
A61P 43/00	(73) MAN Truck & Bus SE	(00) 08.11.2023
(00) Merge	(11) EP3034844	(51) A21B 7/00
(71) Versuni Holding B.V.	(00) 31.10.2023	A21C 1/02
(73) Versuni Holding B.V.	(51) F02B 37/02	A21C 1/14
(11) EP3186434	F02D 9/06	A47J 43/04
(00) 08.11.2023	F02D 9/10	A47J 43/07
(51) D06F 75/24	F02D 13/04	
D06F 75/16	F01N 13/10	

B01F 15/04	(73) Versuni Holding B.V.	(51) F28D 9/00
(00) Assignment	(11) EP3089634	F28D 21/00
(71) Ecolab USA Inc.	(00) 08.11.2023	(00) Assignment
(73) Ecolab USA Inc.	(51) A47J 31/06	(71) T.I.M.E. Service Catalyst Handling GmbH
(11) EP2858685	A47J 31/36	(73) T.I.M.E. Service Catalyst Handling GmbH
(00) 27.10.2023	(00) Assignment	(11) EP3436187
(51) A61L 2/20	(71) MAN Truck & Bus Österreich GesmbH	(00) 27.10.2023
(00) Assignment	(73) MAN Truck & Bus SE	(51) B01J 8/00
(71) Versuni Holding B.V.	(11) EP2628937	B65G 69/04
(73) Versuni Holding B.V.	(00) 31.10.2023	(00) Assignment
(11) EP3162259	(51) F02M 37/00	(71) Versuni Holding B.V.
(00) 08.11.2023	(00) Change of Legal Entity	(73) Versuni Holding B.V.
(51) A47J 37/06	(71) MAN Truck & Bus SE	(11) EP3201104
(00) Assignment	(73) MAN Truck & Bus SE	(00) 08.11.2023
(71) Versuni Holding B.V.	(11) EP2628937	(51) B65D 85/804
(73) Versuni Holding B.V.	(00) 31.10.2023	(00) Assignment
(11) EP3068273	(51) F02M 37/00	(71) Versuni Holding B.V.
(00) 08.11.2023	(00) Assignment	(73) Versuni Holding B.V.
(51) A47J 42/06	(71) Geehy Microelectronics Inc.	(11) EP2584949
A47J 42/38	(73) Geehy Microelectronics Inc.	(00) 08.11.2023
A47J 42/56	(11) EP3001316	(51) A47L 9/20
(00) Assignment	(00) 03.11.2023	B01D 29/90
(71) Curonix LLC	(51) B41J 2/175	B01D 46/00
(73) Curonix LLC	G06F 11/00	B01D 50/00
(11) EP3338855	(00) Change of Legal Entity	(00) Assignment
(00) 02.11.2023	(71) Versuni Holding B.V.	(71) MAN Truck & Bus SE
(51) A61N 1/05	Koninklijke Douwe Egberts B.V.	(73) MAN Truck & Bus SE
A61N 1/08	(73) Versuni Holding B.V.	(11) EP3401517
A61N 1/36	Koninklijke Douwe Egberts B.V.	(00) 31.10.2023
A61N 1/372	(11) 2022165	(51) F01L 1/18
(00) Assignment	(00) 08.11.2023	F01L 13/00
(71) EMERSON AUTOMATION SOLUTIONS	(51) A47J 31/06	(00) Assignment
MEASUREMENT SYSTEMS &	A47J 31/46	(71) MAN Truck & Bus Österreich GesmbH
SERVICES, LLC	(00) Assignment	(73) MAN Truck & Bus SE
(73) EMERSON AUTOMATION SOLUTIONS	(71) Geehy Microelectronics Inc.	(11) EP2876352
MEASUREMENT SYSTEMS &	(73) Geehy Microelectronics Inc.	(00) 31.10.2023
SERVICES, LLC	(11) EP3363637	(51) F17C 1/14
(11) EP1692469	(00) 03.11.2023	F17C 1/16
(00) 03.11.2023	(51) B41J 2/045	(00) Change of Legal Entity
(51) G01F 3/10	B41J 2/14	(71) MAN Truck & Bus SE
G01F 15/02	B41J 2/175	(73) MAN Truck & Bus SE
G01F 15/06	G06F 3/12	(11) EP2876352
(00) Assignment	(00) Change of Legal Entity	(00) 31.10.2023
(71) Versuni Holding B.V.	(71) Versuni Holding B.V.	(51) F17C 1/14
(73) Versuni Holding B.V.	(73) Versuni Holding B.V.	F17C 1/16
(11) EP3277141	(11) EP3313246	(00) Assignment
(00) 08.11.2023	(00) 08.11.2023	(71) Versuni Holding B.V.
(51) A47J 36/38	(51) A47J 37/07	(73) Versuni Holding B.V.
A47J 37/06	(00) Assignment	(11) EP3079541
A47J 37/12	(71) Versuni Holding B.V.	(00) 08.11.2023
(00) Assignment	(73) Versuni Holding B.V.	(51) A47J 39/00
(71) Versuni Holding B.V.	(11) EP3242580	(00) Assignment
(73) Versuni Holding B.V.	(00) 08.11.2023	(71) Geehy Microelectronics Inc.
(11) EP2582271	(51) A47J 31/44	(73) Geehy Microelectronics Inc.
(00) 08.11.2023	(00) Assignment	(11) EP3413201
(51) A47J 31/44	(71) Curonix LLC	(00) 03.11.2023
(00) Assignment	(73) Curonix LLC	(51) B41J 2/175
(71) LioniX International B.V.	(11) EP3403690	G06F 11/00
(73) LioniX International B.V.	(00) 02.11.2023	(00) Change of Legal Entity
(11) EP1704431	(51) A61N 1/36	(71) Versuni Holding B.V.
(00) 30.10.2023	A61N 1/372	(73) Versuni Holding B.V.
(51) G02B 6/12	A61N 1/378	(11) EP3152633
G02B 6/122	(00) Assignment	(00) 08.11.2023
G02B 6/126	(71) Level Holding B.V.	(51) A47J 36/32
G02F 1/035	(73) Level Holding B.V.	A47J 37/12
(00) Merge	(11) 2026943	F24C 7/08
(71) Versuni Holding B.V.	(00) 02.11.2023	G05D 23/19

(00) Assignment	(71) Geehy Microelectronics Inc.	(71) Versuni Holding B.V.
(71) Versuni Holding B.V.	(73) Geehy Microelectronics Inc.	(73) Versuni Holding B.V.
(73) Versuni Holding B.V.	(11) EP3109864	(11) EP2537243
(11) EP3749162	(00) 03.11.2023	(00) 08.11.2023
(00) 08.11.2023	(51) B41J 2/175	(51) H02M 7/217
(51) A47L 9/02	G11C 16/10	(00) Assignment
(00) Assignment	H03M 11/24	(71) Versuni Holding B.V.
(71) HOCOHOOLD B.V.	(00) Change of Legal Entity	(73) Versuni Holding B.V.
(73) HOCOHOOLD B.V.	(71) Cazitex NV	(11) EP3367865
(11) 2028525	(73) Cazitex NV	(00) 08.11.2023
(00) 31.10.2023	(11) EP3711727	(51) A47L 9/04
(51) F24T 10/30	(00) 02.11.2023	(00) Assignment
F28D 20/00	(51) A61F 13/15	(71) JCDecaux SE
(00) Assignment	A61F 13/49	(11) 2031651
(71) Versuni Holding B.V.	A61F 13/537	(00) 08.11.2023
(73) Versuni Holding B.V.	A61F 13/539	(51) G06F 3/14
(11) EP3073883	A61F 13/56	H04N 21/262
(00) 08.11.2023	(00) Assignment	H04N 21/43
(51) A47L 9/19	(71) Sago Strategic Solutions LLC	G09G 5/12
A47L 9/28	(73) Sago Strategic Solutions LLC	H04N 21/41
(00) Assignment	(11) EP3636038	(00) Change of Legal Entity
(71) MAN Truck & Bus SE	(00) 27.10.2023	(71) Versuni Holding B.V.
(73) MAN Truck & Bus SE	(51) H04W 28/18	(73) Versuni Holding B.V.
(11) EP3473529	H04W 76/10	(11) EP3930557
(00) 31.10.2023	H04W 88/08	(00) 08.11.2023
(51) B62D 21/15	(00) Assignment	(51) A47L 9/00
B62D 33/06	(71) Versuni Holding B.V.	A47L 9/16
B62D 33/067	(73) Versuni Holding B.V.	B04C 5/14
(00) Assignment	(11) EP3063477	(00) Assignment
(71) MAN Truck & Bus SE	(00) 08.11.2023	(71) Versuni Holding B.V.
(73) MAN Truck & Bus SE	(51) C02F 1/46	(73) Versuni Holding B.V.
(11) EP3633125	F24D 19/00	(11) EP3060089
(00) 31.10.2023	F24H 9/00	(00) 08.11.2023
(51) E05B 17/10	(00) Assignment	(51) A47J 31/60
E05B 85/12	(71) Versuni Holding B.V.	(00) Assignment
B60Q 3/267	(73) Versuni Holding B.V.	(71) Versuni Holding B.V.
(00) Assignment	(11) EP3089640	(73) Versuni Holding B.V.
(71) Versuni Holding B.V.	(00) 08.11.2023	(11) EP3302187
(73) Versuni Holding B.V.	(51) A47J 31/44	(00) 08.11.2023
(11) EP2672872	(00) Assignment	(51) A47J 31/44
(00) 08.11.2023	(71) Versuni Holding B.V.	A47J 31/46
(51) A46B 17/06	(73) Versuni Holding B.V.	A47J 31/56
A47L 9/00	(11) EP3809925	(00) Assignment
A47L 11/292	(00) 08.11.2023	(71) Versuni Holding B.V.
A47L 11/30	(51) A47J 27/00	(73) Versuni Holding B.V.
A47L 11/40	A47J 27/62	(11) EP3386362
(00) Assignment	(00) Assignment	(00) 08.11.2023
(71) HOCOHOOLD B.V.	(71) Versuni Holding B.V.	(51) A47L 9/02
(73) HOCOHOOLD B.V.	(73) Versuni Holding B.V.	(00) Assignment
(11) EP3187661	(11) EP3280307	(71) Versuni Holding B.V.
(00) 31.10.2023	(00) 08.11.2023	(73) Versuni Holding B.V.
(51) E02D 27/38	(51) A47L 9/00	(11) EP3393313
(00) Assignment	A47L 9/22	(00) 08.11.2023
(71) Versuni Holding B.V.	(00) Assignment	(51) A47J 31/047
(73) Versuni Holding B.V.	(71) Versuni Holding B.V.	A47J 31/58
(11) EP3011883	(73) Versuni Holding B.V.	(00) Assignment
(00) 08.11.2023	(11) EP3367857	(71) Versuni Holding B.V.
(51) A47L 5/30	(00) 08.11.2023	(73) Versuni Holding B.V.
A47L 9/04	(51) A47J 37/06	(11) EP3209186
A47L 9/06	F24C 15/32	(00) 08.11.2023
(00) Assignment	(00) Assignment	(51) A47L 13/22
(71) Versuni Holding B.V.	(71) Versuni Holding B.V.	(00) Assignment
(73) Versuni Holding B.V.	(73) Versuni Holding B.V.	(71) Versuni Holding B.V.
(11) EP3011885	(11) EP2994026	(73) Versuni Holding B.V.
(00) 08.11.2023	(00) 08.11.2023	(11) EP3209174
(51) A47L 13/22	(51) A47J 31/44	(00) 08.11.2023
(00) Assignment	(00) Assignment	(51) A47J 37/06

F24C 15/32	(00) Assignment	(11) EP3032968
(00) Assignment	(71) Versuni Holding B.V.	(00) 08.11.2023
(71) Versuni Holding B.V.	(73) Versuni Holding B.V.	(51) A23F 5/04
(73) Versuni Holding B.V.	(11) EP3403468	A23N 12/08
(11) EP3445216	(00) 08.11.2023	A23N 12/12
(00) 08.11.2023	(51) A47J 27/00	(00) Assignment
(51) A47L 5/28	A47J 27/04	(71) Versuni Holding B.V.
A47L 9/16	H05B 1/02	(73) Versuni Holding B.V.
(00) Assignment	H05B 6/06	(11) EP3463014
(71) Caucus Limited	(00) Assignment	(00) 08.11.2023
(73) Caucus Limited	(71) Versuni Holding B.V.	(51) A47J 37/06
(11) EP3739299	(73) Versuni Holding B.V.	(00) Assignment
(00) 07.11.2023	(11) EP3282911	(71) Versuni Holding B.V.
(51) G01D 5/24	(00) 08.11.2023	(73) Versuni Holding B.V.
A01M 1/02	(51) A47L 9/16	(11) EP3214954
A01M 31/00	A47L 9/18	(00) 08.11.2023
(00) Assignment	(00) Assignment	(51) A23N 12/08
(71) Versuni Holding B.V.	(71) Versuni Holding B.V.	A23N 12/12
(73) Versuni Holding B.V.	(73) Versuni Holding B.V.	(00) Assignment
(11) EP3003107	(11) EP3206544	(71) Versuni Holding B.V.
(00) 08.11.2023	(00) 08.11.2023	(73) Versuni Holding B.V.
(51) A47J 37/06	(51) A47J 37/06	(11) EP3442386
(00) Assignment	(00) Assignment	(00) 08.11.2023
(71) Versuni Holding B.V.	(71) Versuni Holding B.V.	(51) A23B 7/03
(73) Versuni Holding B.V.	(73) Versuni Holding B.V.	A47J 37/12
(11) EP3003104	(11) EP3361917	A23L 5/10
(00) 08.11.2023	(00) 08.11.2023	A23L 19/18
(51) A47J 37/06	(51) A47J 31/42	(00) Assignment
(00) Assignment	A47J 42/50	(71) Versuni Holding B.V.
(71) MAN Truck & Bus SE	(00) Assignment	(73) Versuni Holding B.V.
(73) MAN Truck & Bus SE	(71) Versuni Holding B.V.	(11) EP3393312
(11) EP3273017	(73) Versuni Holding B.V.	(00) 08.11.2023
(00) 31.10.2023	(11) EP3422915	(51) A47J 31/36
(51) F01K 23/10	(00) 08.11.2023	(00) Assignment
(00) Assignment	(51) A47J 36/38	(71) ThyssenKrupp Uhde GmbH
(71) Versuni Holding B.V.	A47J 37/06	thyssenkrupp AG
(73) Versuni Holding B.V.	(00) Assignment	BASF SE
(11) EP3003106	(71) Edwards Lifesciences Corporation	(73) ThyssenKrupp Uhde GmbH
(00) 08.11.2023	(73) Edwards Lifesciences Corporation	thyssenkrupp AG
(51) A47J 37/06	(11) EP3381409	BASF SE
(00) Assignment	(00) 31.10.2023	(11) EP3898504
(71) Versuni Holding B.V.	(51) A61F 2/24	(00) 24.10.2023
(73) Versuni Holding B.V.	A61F 2/962	(51) C01B 3/24
(11) EP3003105	(00) Assignment	C01B 32/40
(00) 08.11.2023	(71) Renew Technologies Hungary Kft.	C10J 3/46
(51) A47J 36/02	(73) Renew Technologies Hungary Kft.	(00) Assignment
A47J 37/06	(11) EP2917324	(71) Versuni Holding B.V.
(00) Assignment	(00) 31.10.2023	(73) Versuni Holding B.V.
(71) SGL Carbon SE	(51) C12M 1/00	(11) EP3032991
thermoheld GmbH	C12M 1/34	(00) 08.11.2023
(73) SGL Carbon SE	(00) Assignment	(51) A47J 31/40
thermoheld GmbH	(71) Versuni Holding B.V.	(00) Assignment
(11) EP2759009	(73) Versuni Holding B.V.	(71) Versuni Holding B.V.
(00) 31.10.2023	(11) EP3500146	(73) Versuni Holding B.V.
(51) H01M 4/88	(00) 08.11.2023	(11) EP3468438
H01M 8/0234	(51) A47L 9/02	(00) 08.11.2023
H01M 8/0245	(00) Assignment	(51) A47L 5/24
(00) Change of owner(s) name	(71) Versuni Holding B.V.	A47L 9/28
(71) Durham University	(73) Versuni Holding B.V.	(00) Assignment
Schlumberger Technology B.V.	(11) EP3096658	(71) Versuni Holding B.V.
Saudi Arabian Oil Company	(00) 08.11.2023	(73) Versuni Holding B.V.
(73) Durham University	(51) A23F 5/04	(11) EP2928346
Schlumberger Technology B.V.	A23N 12/08	(00) 08.11.2023
Saudi Arabian Oil Company	A47J 31/42	(51) A47J 31/44
(11) EP3668946	(00) Assignment	(00) Assignment
(00) 06.11.2023	(71) Versuni Holding B.V.	(71) Versuni Holding B.V.
(51) C09K 8/36	(73) Versuni Holding B.V.	(73) Versuni Holding B.V.

(11) EP4076108	(73) Versuni Holding B.V.	A01N 59/20
(00) 08.11.2023	(11) EP2943100	A01P 3/00
(51) A47J 31/44	(00) 08.11.2023	(00) Assignment
(00) Assignment	(51) A47J 31/06	(71) Versuni Holding B.V.
(71) FMC Agro Singapore Pte. Ltd.	A47J 31/36	(73) Versuni Holding B.V.
(73) FMC Agro Singapore Pte. Ltd.	A47J 31/46	(11) EP3038503
(11) EP3442944	(00) Assignment	(00) 08.11.2023
(00) 07.11.2023	(71) ANTEBB Holding GmbH	(51) A47J 37/04
(51) A01N 43/42	(73) Desay SV Automotive Europe GmbH	A47J 37/06
C07D 211/60	(11) EP3240104	(00) Assignment
(00) Assignment	(00) 06.11.2023	(71) Versuni Holding B.V.
(71) Versuni Holding B.V.	(51) H01Q 1/12	(73) Versuni Holding B.V.
(73) Versuni Holding B.V.	H01Q 1/32	(11) EP3193685
(11) EP3209148	(00) Merge	(00) 08.11.2023
(00) 08.11.2023	(71) Desay SV Automotive Europe GmbH	(51) A47J 37/04
(51) A23N 12/00	(73) Desay SV Automotive Europe GmbH	A47J 37/06
(00) Assignment	(11) EP3240104	(00) Assignment
(71) Versuni Holding B.V.	(00) 06.11.2023	(71) Versuni Holding B.V.
(73) Versuni Holding B.V.	(51) H01Q 1/12	(73) Versuni Holding B.V.
(11) EP3328251	H01Q 1/32	(11) EP3263760
(00) 08.11.2023	(00) Merge	(00) 08.11.2023
(51) A47J 42/50	(71) Versuni Holding B.V.	(51) D06F 75/26
(00) Assignment	(73) Versuni Holding B.V.	(00) Assignment
(71) Versuni Holding B.V.	(11) EP3562357	(71) Versuni Holding B.V.
(11) 2026006	(00) 08.11.2023	(73) Versuni Holding B.V.
(00) 08.11.2023	(51) A23F 5/16	(11) EP3493708
(51) A47J 36/32	A47J 31/06	(00) 08.11.2023
(00) Assignment	A47J 31/44	(51) A47J 31/36
(71) Versuni Holding B.V.	(00) Assignment	(00) Assignment
(73) Versuni Holding B.V.	(71) Versuni Holding B.V.	(71) JCDecaux SE
(11) 2026007	(73) Versuni Holding B.V.	(73) JCDecaux SE
(00) 08.11.2023	(11) EP3622222	(11) EP3574980
(51) A47J 36/32	(00) 08.11.2023	(00) 08.11.2023
A47J 27/026	(51) A21B 1/24	(51) A01G 27/00
A47J 37/12	A21B 3/04	B01D 46/30
(00) Assignment	F24C 7/08	B01D 53/85
(71) Boehringer Ingelheim Vetmedica GmbH	F24C 15/32	E01C 1/00
(73) Boehringer Ingelheim Vetmedica GmbH	(00) Assignment	E04H 1/12
(11) EP3397638	(71) Versuni Holding B.V.	F24F 3/16
(00) 30.10.2023	(73) Versuni Holding B.V.	A01G 9/033
(51) C07K 11/02	(11) EP3223635	F24F 11/00
C07D 295/145	(00) 08.11.2023	(00) Change of Legal Entity
C07D 309/06	(51) A23N 12/08	(71) Versuni Holding B.V.
A01N 43/72	(00) Assignment	(73) Versuni Holding B.V.
A61P 33/00	(71) Versuni Holding B.V.	(11) EP3664670
A61P 33/10	(73) Versuni Holding B.V.	(00) 08.11.2023
(00) Assignment	(11) EP3585234	(51) A47J 31/44
(71) Versuni Holding B.V.	(00) 08.11.2023	B65D 47/30
(73) Versuni Holding B.V.	(51) A47L 1/02	(00) Assignment
(11) EP3551018	A47L 1/08	(71) Versuni Holding B.V.
(00) 08.11.2023	A47L 7/00	(73) Versuni Holding B.V.
(51) A47J 27/00	A47L 9/06	(11) EP2729043
(00) Assignment	A47L 11/20	(00) 08.11.2023
(71) Versuni Holding B.V.	A47L 11/30	(51) A47J 31/36
(73) Versuni Holding B.V.	A47L 11/38	A47J 31/46
(11) EP3562360	A47L 11/40	A47J 31/54
(00) 08.11.2023	A47L 13/22	A47J 31/60
(51) A47J 31/46	(00) Assignment	(00) Assignment
(00) Assignment	(71) FMC Agro Singapore Pte. Ltd.	(71) Versuni Holding B.V.
(71) Versuni Holding B.V.	(73) FMC Agro Singapore Pte. Ltd.	(73) Versuni Holding B.V.
(73) Versuni Holding B.V.	(11) EP2861067	(11) EP2852310
(11) EP3612064	(00) 07.11.2023	(00) 08.11.2023
(00) 08.11.2023	(51) A01N 35/04	(51) A47J 31/44
(51) A47J 43/046	A01N 37/34	(00) Assignment
A47J 43/07	A01N 37/36	(71) MAN Truck & Bus SE
(00) Assignment	A01N 37/50	(73) MAN Truck & Bus SE
(71) Versuni Holding B.V.	A01N 43/56	(11) EP3424806

(00) 31.10.2023	(00) Assignment	(73) Versuni Holding B.V.
(51) B62D 33/067	(71) Versuni Holding B.V.	(11) EP3758566
(00) Assignment	(73) Versuni Holding B.V.	(00) 08.11.2023
(71) Versuni Holding B.V.	(11) EP3505025	(51) A47J 43/042
(73) Versuni Holding B.V.	(00) 08.11.2023	A47J 43/046
(11) EP3644798	(51) A47J 31/06	A47J 43/07
(00) 08.11.2023	A47J 31/44	(00) Assignment
(51) A23L 2/04	A47J 31/46	(71) Versuni Holding B.V.
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A47J 19/02	(71) Versuni Holding B.V.	(11) EP3233243
(00) Assignment	(73) Versuni Holding B.V.	(00) 08.11.2023
(71) Versuni Holding B.V.	(11) EP2729040	(51) F24F 11/30
(73) Versuni Holding B.V.	(00) 08.11.2023	F24F 110/50
(11) EP3644805	(51) A47J 31/36	F24F 110/64
(00) 08.11.2023	(00) Assignment	F24F 11/62
(51) A47J 31/46	(71) Versuni Holding B.V.	B01D 46/00
(00) Assignment	(73) Versuni Holding B.V.	B01D 46/42
(71) Versuni Holding B.V.	(11) EP3537938	B01D 46/44
(73) Versuni Holding B.V.	(00) 08.11.2023	(00) Assignment
(11) EP3131410	(51) A23N 1/02	(71) Versuni Holding B.V.
(00) 08.11.2023	A47J 19/02	(73) Versuni Holding B.V.
(51) A47J 27/00	(00) Assignment	(11) EP3796821
A47J 37/00	(71) Versuni Holding B.V.	(00) 08.11.2023
G05D 23/00	(73) Versuni Holding B.V.	(51) A47L 9/06
H05B 6/00	(11) EP3691505	(00) Assignment
A23L 5/10	(00) 08.11.2023	(71) Versuni Holding B.V.
(00) Assignment	(51) A46B 13/00	(73) Versuni Holding B.V.
(71) Versuni Holding B.V.	A47L 11/24	(11) EP3823506
(73) Versuni Holding B.V.	(00) Assignment	(00) 08.11.2023
(11) EP3651628	(71) Versuni Holding B.V.	(51) A47L 5/24
(00) 08.11.2023	(73) Versuni Holding B.V.	A47L 5/28
(51) A47L 9/06	(11) EP3731704	A47L 9/00
(00) Assignment	(00) 08.11.2023	A47L 9/02
(71) Versuni Holding B.V.	(51) A47J 31/44	(00) Assignment
(73) Versuni Holding B.V.	(00) Assignment	(71) JCDecaux SE
(11) EP3391748	(71) Versuni Holding B.V.	(11) 2030359
(00) 08.11.2023	(73) Versuni Holding B.V.	(00) 08.11.2023
(51) A21C 3/04	(11) EP3731705	(51) H04N 21/262
A21C 11/20	(00) 08.11.2023	H04N 21/258
(00) Assignment	(51) A47J 31/44	H04N 21/482
(71) Versuni Holding B.V.	(00) Assignment	H04N 21/654
(73) Versuni Holding B.V.	(71) Edwards Lifesciences Corporation	(00) Change of Legal Entity
(11) EP3644815	(73) Edwards Lifesciences Corporation	(71) Versuni Holding B.V.
(00) 08.11.2023	(11) EP3659553	(73) Versuni Holding B.V.
(51) A47L 5/30	(00) 31.10.2023	(11) EP3781002
A47L 9/04	(51) A61F 2/24	(00) 08.11.2023
A47L 11/40	A61F 2/962	(51) A47J 27/21
(00) Assignment	(00) Assignment	A47J 31/00
(71) Versuni Holding B.V.	(71) Versuni Holding B.V.	A47J 43/07
(73) Versuni Holding B.V.	(73) Versuni Holding B.V.	(00) Assignment
(11) EP3691504	(11) EP3481262	(71) Ingauna Vapore S.r.l.
(00) 08.11.2023	(00) 08.11.2023	(73) Ingauna Vapore S.r.l.
(51) A47L 9/00	(51) A47J 27/04	(11) EP3525575
A47L 9/02	(00) Assignment	(00) 01.11.2023
A47L 9/08	(71) JDI Design and Development G.K.	(51) A01G 11/00
(00) Assignment	(73) JDI Design and Development G.K.	A01M 21/04
(71) Versuni Holding B.V.	(11) EP2880700	A01B 77/00
(73) Versuni Holding B.V.	(00) 08.11.2023	(00) Assignment
(11) EP3082524	(51) H01L 51/52	(71) Versuni Holding B.V.
(00) 08.11.2023	(00) Assignment	(73) Versuni Holding B.V.
(51) A47J 31/44	(71) Versuni Holding B.V.	(11) EP3607283
(00) Assignment	(73) Versuni Holding B.V.	(00) 08.11.2023
(71) Versuni Holding B.V.	(11) EP3313247	(51) G01G 19/56
(73) Versuni Holding B.V.	(00) 08.11.2023	(00) Assignment
(11) EP3687349	(51) A47J 45/07	(71) JCDecaux SE
(00) 08.11.2023	(00) Assignment	(11) 2031529
(51) A47J 31/52	(71) Versuni Holding B.V.	(00) 08.11.2023

(51) G06Q 30/02	(73) Versuni Holding B.V.	G07F 17/00
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(71) Versuni Holding B.V.	(00) 08.11.2023	(00) Assignment
(73) Versuni Holding B.V.	(51) A47L 9/00	(71) Versuni Holding B.V.
(11) EP3750467	A47L 9/22	(73) Versuni Holding B.V.
(00) 08.11.2023	(00) Assignment	(11) EP3968832
(51) A47L 11/40	(71) Versuni Holding B.V.	(00) 08.11.2023
A47L 11/20	(73) Versuni Holding B.V.	(51) A47L 9/00
(00) Assignment	(11) EP3897316	(00) Assignment
(71) Versuni Holding B.V.	(00) 08.11.2023	(71) Versuni Holding B.V.
(73) Versuni Holding B.V.	(51) A47J 31/46	(73) Versuni Holding B.V.
(11) EP3876798	(00) Assignment	(11) EP2215708
(00) 08.11.2023	(71) Versuni Holding B.V.	(00) 08.11.2023
(51) A47J 27/04	(73) Versuni Holding B.V.	(51) H02M 7/06
A47J 37/06	(11) EP3744223	(00) Assignment
F24C 15/32	(00) 08.11.2023	(71) Versuni Holding B.V.
(00) Assignment	(51) A47L 11/20	(73) Versuni Holding B.V.
(71) Versuni Holding B.V.	A47L 11/30	(11) EP3554325
(73) Versuni Holding B.V.	A47L 1/08	(00) 08.11.2023
(11) EP3886669	A47L 13/22	(51) A47J 43/07
(00) 08.11.2023	A47L 7/00	G05B 19/042
(51) A47L 9/24	A47L 9/06	G05B 19/05
(00) Assignment	A47L 11/40	A47J 31/42
(71) Versuni Holding B.V.	A47L 11/38	G05B 15/02
Koninklijke Douwe Egberts B.V.	A47L 1/02	(00) Assignment
(73) Versuni Holding B.V.	(00) Assignment	(71) Versuni Holding B.V.
Koninklijke Douwe Egberts B.V.	(71) Versuni Holding B.V.	(73) Versuni Holding B.V.
(11) EP2729042	(73) Versuni Holding B.V.	(11) EP3714239
(00) 08.11.2023	(11) EP3917322	(00) 08.11.2023
(51) A47J 31/46	(00) 08.11.2023	(51) G01G 19/56
(00) Assignment	(51) A21C 1/00	A47J 43/07
(71) Versuni Holding B.V.	A21C 1/02	(00) Assignment
(73) Versuni Holding B.V.	A21C 1/14	(71) Versuni Holding B.V.
(11) EP3911210	A21D 8/02	(73) Versuni Holding B.V.
(00) 08.11.2023	A21D 13/06	(11) EP4076112
(51) A47L 9/02	(00) Assignment	(00) 08.11.2023
(00) Assignment	(71) Versuni Holding B.V.	(51) A47J 37/06
(71) Versuni Holding B.V.	(73) Versuni Holding B.V.	F24C 15/32
(73) Versuni Holding B.V.	(11) EP3965623	(00) Assignment
(11) EP3927220	(00) 08.11.2023	(71) Versuni Holding B.V.
(00) 08.11.2023	(51) A47J 31/44	(73) Versuni Holding B.V.
(51) A47L 9/16	(00) Assignment	(11) EP3930555
B04C 5/13	(71) Versuni Holding B.V.	(00) 08.11.2023
(00) Assignment	(73) Versuni Holding B.V.	(51) A47L 5/22
(71) Versuni Holding B.V.	(11) EP3993676	A47L 5/24
(73) Versuni Holding B.V.	(00) 08.11.2023	A47L 5/26
(11) EP3880050	(51) A47J 36/32	A47L 7/00
(00) 08.11.2023	A47J 37/12	A47L 9/28
(51) A47J 43/07	(00) Assignment	(00) Assignment
(00) Assignment	(71) Versuni Holding B.V.	(71) Versuni Holding B.V.
(71) Versuni Holding B.V.	(73) Versuni Holding B.V.	(73) Versuni Holding B.V.
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(11) EP3803382	(00) 08.11.2023	(00) 08.11.2023
(00) 08.11.2023	(51) A47J 43/046	(51) A47J 31/36
(51) G01N 33/00	A47J 43/07	A47J 31/42
A47J 37/08	A47J 36/32	A47J 31/44
A62C 3/00	(00) Assignment	A23F 5/18
F24C 7/08	(71) Versuni Holding B.V.	B65D 85/804
F24C 15/20	(73) Versuni Holding B.V.	(00) Assignment
G01N 15/02	(11) EP3565422	(71) Versuni Holding B.V.
G01N 15/06	(00) 08.11.2023	(73) Versuni Holding B.V.
G01N 21/53	(51) A23P 30/30	(11) EP4014802
G08B 21/12	A23L 5/10	(00) 08.11.2023
G08B 21/14	A23L 7/161	(51) A47J 31/44
G01N 15/14	A23L 7/174	(00) Assignment
(00) Assignment	A23L 7/183	(71) Versuni Holding B.V.
(71) Versuni Holding B.V.	A21B 5/00	(73) Versuni Holding B.V.

(11) EP4081081
(00) 08.11.2023
(51) A47J 31/06
A47J 31/46
(00) Assignment

(71) Vigie Groupe
(73) Vigie Groupe
(11) EP3160912
(00) 31.10.2023
(51) C02F 9/00
C02F 1/52
C02F 1/42
C02F 1/66
C02F 101/20
C02F 1/00
C02F 101/10

(00) Change of owner(s) name

(71) Versuni Holding B.V.
(73) Versuni Holding B.V.
(11) EP3555781
(00) 08.11.2023
(51) G16H 40/63
G16H 20/60
A23L 5/00

(00) Assignment

(71) Versuni Holding B.V.
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(51) A47J 36/32
A23L 5/10
A23L 19/00
A47J 27/00

(00) Assignment

(71) Versuni Holding B.V.
(73) Versuni Holding B.V.
(11) EP3727111
(00) 08.11.2023
(51) A47J 31/46

(00) Assignment

(71) Versuni Holding B.V.
(73) Versuni Holding B.V.
(11) EP3993683
(00) 08.11.2023
(51) A47L 9/06
A47L 11/40
(00) Assignment

TVH

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

UP1

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

(11) EP3736054	(11) EP3212111	(11) EP3887270
(11) EP3233402	(11) EP3248980	(11) EP3664626
(11) EP3719946	(11) EP3326436	(11) EP3683036
(11) EP2973966	(11) EP3349929	(11) EP3517064
(11) EP3987117	(11) EP3308610	(11) EP3689561
(11) EP3630699	(11) EP2990893	(11) EP3524176
(11) EP3172759	(11) EP3020448	(11) EP3530203
(11) EP3613284	(11) EP3082469	(11) EP3563789
(11) EP3781458	(11) EP3198389	(11) EP3578193
(11) EP3476896	(11) EP3112724	(11) EP3545868
(11) EP3484690	(11) EP3349873	(11) EP3561402
(11) EP3839411	(11) EP3404828	(11) EP3588387
(11) EP3921575	(11) EP3481821	(11) EP3626597
(11) EP3492210	(11) EP3648937	(11) EP3639774
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(11) EP3565174	(11) EP3338627	(11) EP3803923
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(11) EP3645186	(11) EP3469088	(11) EP3906094
(11) EP3790842	(11) EP3557985	(11) EP3897411
(11) EP3742899	(11) EP3618163	(11) EP3897330
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(11) EP3435808	(11) EP3481487	(11) EP3784650
(11) EP3552948	(11) EP3437021	(11) EP3906361
(11) EP3643314	(11) EP3526839	(11) EP3835861
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(11) EP3931691	(11) EP3849765	(11) EP3911942
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	(11) EP3810343	(11) EP3866452

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(11) EP4061477	(11) EP3564244	(11) EP3805175
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(11) EP4039906	(11) EP3746208	(11) EP3894189
(11) EP3868483	(11) EP3867480	(11) EP3862170
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(11) EP3925950	(11) EP3883737	(11) EP3966271
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(11) EP4079677	(11) EP3862563	(11) EP3831333
(11) EP4122381	(11) EP4047179	(11) EP4025626
(11) EP2946002	(11) EP3866411	(11) EP3885874
(11) EP3183881	(11) EP4060290	(11) EP3985321
(11) EP3390884	(11) EP3669906	(11) EP4164617
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(11) EP3695672	(11) EP3751692	(11) EP3915814
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(11) EP4046128	(11) EP3643302	(11) EP4106693
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(11) EP4095537	(11) EP3561768	(11) EP3312227
(11) EP4096263	(11) EP3674483	(11) EP3310106
(11) EP2986386	(11) EP3830946	(11) EP3467800
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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).