



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

Het Blad de Industriële Eigendom verschijnt op de derde werkdag van een week. Indien Octrooiencentrum Nederland op deze dag is gesloten, wordt de verschijningsdag van het blad verschoven naar de eerstvolgende werkdag, waarop Octrooiencentrum 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 Octrooiencentrum Nederland en zijn klanten te maken hebben.

Abonnementsprijzen per (kalender)jaar:

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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.

Subscription rates per calendar year:

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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.

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Rubriek VB2

Bevat gegevens betreffende rechten waarin een beslissing is genomen of waarvoor een nieuwheidsrapport is uitgegaan op een verzoek- of bezwaarschrift conform de Octrooiwet 1995.

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Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.

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Rubriek MED

Bevat gegevens betreffende overige mededelingen.

237Heading MED

Contains data concerning other communications.

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Bevat gegevens betreffende verval of nietigverklaring.

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Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

259Heading VRB

Contains data concerning corrections on earlier publications.

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Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

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Contains data concerning changes in the Netherland patent register.

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Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

262Heading TVH

Contains data concerning depots of original topographies of semi-conductor products.

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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) Voorranggegevens
- (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 Octrooiclassificatie	(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) A01D 34/416 A01D 34/82 (21) 1043874 (22) 18.12.2020 (54) Afschermmodule voor een maai- inrichting met roterende maaidraden, omvattende een vangscherm dat zich in hoofdzaak aan de voorkant van de inrichting uitstrekt (71) Johannes Martinus Vuijk (72) Johannes Martinus Vuijk (41) 13.07.2022	(54) ORGANIC COMPOSITION FOR BIO- STIMULATION OF A PLANT (71) Thesis B.V. Landlab SRL (74) dr. ir. G.J.C. Verdijck c.s. (72) Adriano Altissimo Cristina Sudiro Laurent Aubertin Leendert Cornelis Schilperoord Marinus Matheus Antonius van Oers (41) 20.07.2022	(54) A system and method for processing a backhalve of a slaughtered poultry carcass. (71) Marel Poultry B.V. (74) ir. A. Blokland c.s. (72) Laurens Christian Philippo Marinus Petrus Johannes Thijssen Maurice Eduardus Theodorus van Esbroeck Mike Christiaan Maria Mooren (41) 13.07.2022
(51) A01G 9/02 (21) 2027177 (22) 21.12.2020 (54) Planthouder voor het opkweken van jonge planten, in het bijzonder epifytische planten zoals bijvoorbeeld epifytische orchideeën (71) A.J.M. de Koning Beheer B.V. (74) ir. A. Blokland c.s. (72) Adrianus Johannes Maria de Koning (41) 15.07.2022	(51) A22B 7/00 (21) 2027156 (22) 18.12.2020 (54) A FOOD PROCESSING SYSTEM FOR PROCESSING CARCASS PARTS (71) Marel Meat B.V. (74) ir. A. Blokland c.s. (72) Frans van den Hurk Jan Meerdink Franciscus Theodorus Henricus Johannes van der Steen (41) 13.07.2022	(51) A23G 3/32 (21) 2027191 (22) 21.12.2020 (54) Industrieel batch-proces voor het bereiden van gekaramelliseerde suiker (71) Buisman Ingredients B.V. (74) ir. A. Blokland c.s. (72) Aris Jan Pereboom Michel Tol (41) 15.07.2022
(51) A01C (21) 2028982 (22) 17.08.2021 (54) WEED BARRIER FABRIC (71) INSTITUTE OF URBAN AGRICULTURE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES CHENGDU AGRICULTURAL SCIENCE AND TECHNOLOGY CENTER (74) ir. W.J.J.M. Kempes (72) Yujia Li Zonggeng Li Zhiyong Qi Jie Li Rui Yang Wei Lin (31) 202011521980.1 (32) 21.12.2020 (33) China	(51) A22B 7/00 B65G 47/61 (21) 2027151 (22) 18.12.2020 (54) Overhang rail transport system. (71) Marel Meat B.V. (74) ir. A. Blokland c.s. (72) Ronald Kranenbarg Cornelis Joannes Janssen Jan Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Bastiaan Martinus Cornelis Albers (41) 13.07.2022	(51) A23L 27/12 A23L 33/105 B01D 11/02 C07C 35/30 (21) 2028062 (22) 24.04.2021 (54) AN EFFECTIVE METHOD OF EXTRACTING MONOTERPENE COMPOUNDS FROM CINNAMOMUM SPP (71) GUANGDONG SHANGSHAN ENVIRONMENTAL CONSTRUCTION Co., Ltd GUANGDONG SENLIN GREENING Co., Ltd GUANGDONG ACADEMY OF FORESTRY (74) ir. M.B. Plaggenborg (72) Chunru Chen Peiwu Xie Dongcheng Liang Wenxia Qiu Qingsong Bai Jun Yao Huiming Lian Yingli Wang Zebo Li Boxiang He Yanling Cai Chen Hou Jielian Chen Qian Zhang Yi Li (31) 202011539774.3 (32) 23.12.2020 (33) China
(51) A01K 11/00 G06K 7/10 (21) 2027166 (22) 18.12.2020 (54) Apparatus for and method of receiving an electronic data signal. (71) Nedap N.V. (74) ir. H.A. Witmans c.s. (72) Bernard Jan Gerrit Schreurs (41) 15.07.2022	(51) A22C 21/00 (21) 2027164 (22) 18.12.2020 (54) A SLAUGHTER DEVICE, A SLAUGHTER INSTALLATION AND A METHOD THEREOF (71) Meyn Food Processing Technology B.V. (74) ir. F.A. Geurts c.s. (72) Joy David Mike van Spall Allardus Klaas Peddemors Simon Kooij Ramzi Souli (41) 15.07.2022	
(51) A01N 65/08 C05F 5/00 (21) 2027222 (22) 24.12.2020	(51) A22C 21/00 A22B 5/00 (21) 2027154 (22) 18.12.2020	

(51) A45D 40/00 B65D 77/00 A45D 33/00	(72) Mr. G. Melsom P. Fransen Mr. G. Hermesen Mr. W. van Buul	sport bij de totstandkoming van het juiste golfswing ritme, gebaseerd op verschillende golfswing tempo's ten behoeve van een vloeiende biomechanische volgorde binnen de beweging van de golfswing.
(21) 2027182 (22) 21.12.2020	(41) 20.07.2022	(71) Jeroen Johan Imre Stokman (72) Jeroen Johan Imre Stokman (41) 20.07.2022
(54) Assembly for a cosmetic product	(51) A61F 13/475 A61F 13/51 A61F 13/537	(51) B01D 53/48 B01D 53/72 B01D 53/84
(71) Fasten B.V. (74) ir. J.C. Volmer c.s.	(21) 2027163 (22) 18.12.2020	(21) 2027185 (22) 21.12.2020
(72) Jalmar Kasimir Fasten (41) 15.07.2022	(54) ABSORBENT ARTICLE WITH IMPROVED BOTTOM DISTRIBUTION ASSEMBLY	(54) Reinigingsmethode en reinigingsinstallatie voor proceslucht vrijkomend bij compostering
(51) A47B 19/00 (21) 2031260 (22) 11.03.2022	(71) Drylock Technologies NV (74) dr. ir. G.J.C. Verdijck c.s.	(71) GMB BioEnergie Zutphen B.V. (74) dr. R.C. van Duijvenbode c.s. (72) Gerrit Jan van de Pol
(54) NEW MEDIA TECHNOLOGY-BASED SELF-CONTAINING DEVICE FOR PREACHING IDEOLOGY AND POLITICS TO THE STUDENTS	(72) Steven Smet Bart van Malderen Tom Derycke Werner van Ingelgem	(51) B01D 53/84 A01G 9/02
(71) Guizhou Education University (74) ir. M.B. Plaggenborg (72) Su Wang	(41) 15.07.2022	(21) 2028647 (22) 06.07.2021
(51) A47B 87/02 A47F 3/14 A47F 5/10 B65D 21/02	(51) A61F 13/475 A61F 13/532 A61F 13/537	(54) Luchtreinigingsinrichting (71) Eduard van Vliet Smartty BV
(21) 2028143 (22) 04.05.2021	(21) 2027169 (22) 18.12.2020	(74) ir. G.J.M. Verhees (72) Eduard van Vliet (41) 20.07.2022
(54) DISPLAY TRAY, STACK OF DISPLAY TRAYS AND METHOD THEREFOR	(54) ABSORBENT ARTICLE WITH IMPROVED CAPILLARY ACCELERATION SHEET	(31) 2027230 (32) 24.12.2020 (33) Netherlands
(71) PalKPS Holding B.V. (74) dr. ir. G.J.C. Verdijck c.s.	(71) Drylock Technologies NV (74) dr. ir. G.J.C. Verdijck c.s.	(51) B22F 10/28 B22F 10/40 B33Y 10/00
(72) Klaas Schepers (41) 15.07.2022	(72) Tom Derycke Steven Smet Werner van Ingelgem Bart van Malderen	(21) 2027235 (22) 24.12.2020
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(51) A61B 10/02 A61B 10/00 A61B 1/00	(51) A61K 36/48 A61K 36/9066 A61P 35/00	(71) Richard Henricus Adrianus van Lieshout (74) ir. G.J.M. Verhees (72) Richard Henricus Adrianus van Lieshout (41) 20.07.2022
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(54) An endoluminal biopsy tool	(54) ANTI-CANCER COMPOSITION	(21) 2027218 (22) 24.12.2020
(71) Technische Universiteit Delft Universitair Medisch Centrum Utrecht	(71) ACUPHARM INTERNATIONAL PROPRIETARY LIMITED	(54) MULTILAYER POLYMER BARRIER FILM FOR FOOD PACKAGING
(74) mr. ir. J. van Breda c.s. (72) Aimée Sakes Paulus Breedveld	(74) ir. J.C. Volmer c.s. (72) Johannes Francois Marais James Clive Hurwitz Laporta Jacobus Johannes van Jaarsveld	(71) Oerlemans Packaging B.V. (74) dr. ir. G.J.C. Verdijck c.s. (72) Patrick Corneel Mathilde Verschaeren Marcus Koen Joannes Maria van Huijstee Joan Antonius Adrianus Maria Hanegraaf
(41) 20.07.2022	(41) 15.07.2022	(41) 20.07.2022
(51) A61C 1/00 (21) 2027176 (22) 20.12.2020	(51) A61K 36/48 A61P 35/00	(51) B41J 2/205 B41J 2/21 B41J 2/045 B41J 29/393 G06K 15/10 B41J 2/14
(54) Method and product for the dental practise.	(21) 2027158 (22) 18.12.2020	(21) 2027178 (22) 21.12.2020
(71) Varvix Beheer B.V. (74) ir. H.C. de Lange	(54) SUTHERLANDIA EXTRACT AND THE USE THEREOF IN THE MANUFACTURE OF A MEDICAMENT	
(72) William Gerard Maria Ankoné (41) 15.07.2022	(71) ACUPHARM INTERNATIONAL PROPRIETARY LIMITED	
(51) A61F 2/28 A61F 2/30	(74) ir. J.C. Volmer c.s. (72) Jacobus Johannes van Jaarsveld James Clive Hurwitz Laporta Johannes Francois Marais	
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(71) JointSphere B.V. (74) dr. ir. G.J.C. Verdijck c.s.	(54) Apparaat dat door geluid en licht ondersteunend werkt in de golf	

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(71) CANON PRODUCTION PRINTING HOLDING B.V.	(71) MCT Mesh Construction Technology Holding B.V.	(51) B65G 65/46
(74) ir. M.J. Groen	(74) dr. ir. G.J.C. Verdijk c.s.	G01G 19/32
(72) Eduard T.H. de Grijs	(72) Jurjen Westra	(21) 2030096
(41) 15.07.2022	(72) Jan Paul Ferdinand Kimmel	(22) 10.12.2021
(51) B60G 7/00	(41) 15.07.2022	(54) INRICHTING VOOR OPSLAG, TRANSPORT EN DOSERING VAN GRONDSTOFFEN IN DE VOEDINGSINDUSTRIE
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(22) 21.12.2020	(71) Ishida Co., Ltd.	(51) B66C 13/12
(54) Trailing arm assembly	(74) ir. J.C. Volmer c.s.	B66C 19/00
(71) VDL Weweler B.V.	(72) Yuji Yokota	(21) 2027197
(74) ir. J.C. Volmer c.s.	Fumitaka Tokuda	(22) 22.12.2020
(72) Tom Schrier	(31) 202011055932	(54) Samenstel omvattende een railvoertuig voorzien van een baanstuk van een spoorbaan voor het daarover laten rijden van het railvoertuig.
(41) 15.07.2022	(32) 23.12.2020	(71) Cornelis Christiaan de Bruin
(51) B60P 1/38	(33) India	(74) ir. A. Blokland c.s.
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(21) 2027217	B65B 35/44	(41) 20.07.2022
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(71) Cargo Mac B.V.	B65G 47/31	(22) 18.12.2020
(74) ir. F.A. Geurts c.s.	(21) 2027175	(54) Hefstelsysteem
(72) Frans Arian Heino de Raad	(22) 20.12.2020	(71) JPM Beheer B.V.
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(41) 20.07.2022	(71) BluePrint Holding B.V.	(72) Jan Pieter Maarschalk
(51) B60P 1/64	(74) dr. R.C. van Duijvenbode c.s.	(41) 15.07.2022
(21) 2027196	(72) Lucas Leonard de Jager	(51) C02F 1/28
(22) 22.12.2020	Antonius Johannes Rootseelaar	C02F 1/40
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(71) VDL Containersystemen B.V.	Sion Peter Verhoef	C02F 1/461
(74) ir. G.J.M. Verhees	Alexander van den Broek	C02F 1/66
(72) Adrianus Marinus Jacobus van de Wouw	Hessel Michiel Koot	C02F 1/72
(41) 20.07.2022	Roeland Marcus Sturkenboom	C02F 3/12
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B62B 9/20	(41) 15.07.2022	Jiachuan Chen
(21) 2027160	(51) B65D 77/04	Zhengshun Wang
(22) 18.12.2020	A45D 40/00	Guihua Yang
(54) Foldable stroller, foldable bassinet, foldable seat, stroller and stroller and luggage system	(21) 2027180	Yuan Wang
(71) Royalty Bugaboo GmbH	(22) 21.12.2020	(41) 13.07.2022
(74) ir. J.C. Volmer c.s.	(54) Cosmetic jar with a replaceable refill container	(51) C11D 1/66
(72) Mattijs Hogeland	(71) Fasten B.V.	C11D 3/20
Daan Jans Vos	(74) ir. J.C. Volmer c.s.	C11D 3/34
Marco Willem Hendricus Nieuwenhuizen	(72) Jalmar Kasimir Fasten	C11D 7/26
(41) 15.07.2022	(41) 15.07.2022	C11D 7/34
(51) B63B 35/38	(51) B65D 77/04	(21) 2027192
B63B 35/58	A45D 40/00	(22) 21.12.2020
B63B 3/08	(21) 2027181	(54) Samenstelling voor het verwijderen van kalkaanslag op een ondergrond.
B63B 3/06	(22) 21.12.2020	(71) HG International B.V.
B63B 35/34	(54) Cosmetic packaging with bottom-loaded refill container	(74) ir. A. Blokland c.s.
(21) 2027165	(71) Fasten B.V.	
(22) 18.12.2020	(74) ir. J.C. Volmer c.s.	
(54) FLOATING STRUCTURE AND CONTAINER AND BRIDGE PART FOR	(72) Jalmar Kasimir Fasten	

(72) Barry Derriks (41) 13.07.2022	(54) RING CIRCUMFERENCE LENGTH CALIBRATION PROCESS IN A MANUFACTURING METHOD OF A RING SET FOR A DRIVE BELT	(71) Guangxi Academy of Agricultural Sciences
(51) E01C 13/08		(74) ir. R. Wijnstra
(21) 2027211	(71) Robert Bosch G.m.b.H.	(72) Ming Xin
(22) 23.12.2020	(74) ir. G.A.J.M. Plevier	Jie Tang
(54) NATURAL ARTIFICIAL TURF INFILL	(72) René Nuijten	Zhanshi Xiao
(71) Ten Cate Thiolon B.V.	(41) 20.07.2022	Jiemin Li
(74) dr. R.C. van Duijvenbode c.s.		Guoming Liu
(72) Colin Young	(51) F16G 5/16	Jinfeng Sheng
Salil Sethunath	(21) 1043881	Changbao Li
Michael Rene Vogel	(22) 24.12.2020	Li Li
Hein Anton Heerink	(54) TRANSVERSE SEGMENT FOR A DRIVE BELT WITH A CARRIER	Dongqing Ye
Niels Gerhardus Kolkman	RING AND MULTIPLE TRANSVERSE SEGMENTS	Fengjin Zheng
(51) E01C 13/08	(71) Robert Bosch G.m.b.H.	Dongning Ling
(21) 2027212	(74) ir. G.A.J.M. Plevier	Xuemei He
(22) 23.12.2020	(72) Cornelis Johannes Maria van der Meer	Ping Yi
(54) ARTIFICIAL TURF INFILL WITH NATURAL RUBBER GRANULES	(41) 20.07.2022	Jian Sun
(71) Ten Cate Thiolon B.V.		Zhugui Zhou
(74) dr. R.C. van Duijvenbode c.s.	(51) F16H 61/00	Ying Yang
(72) Michael Rene Vogel	F16H 61/662	Zhichun Li
Hein Anton Heerink	F04B 49/08	Yayuan Tang
Colin Young	F04C 14/22	(31) 202011536635.5
Niels Gerhardus Kolkman	(21) 1043880	(32) 23.12.2020
Sethunath Salil	(22) 24.12.2020	(33) China
(51) E06B 9/262	(54) HYDRAULICALLY ACTUATED CONTINUOUSLY VARIABLE	(51) G01C 21/34
E06B 9/322	TRANSMISSION FOR AN ELECTRIC VEHICLE	G01C 21/36
(21) 2028731	(71) Robert Bosch G.m.b.H.	G06N 20/00
(22) 15.07.2021	(74) ir. G.A.J.M. Plevier	G06Q 10/04
(54) TOP-DOWN BOTTOM-UP WINDOW COVERING	(72) Marco de Jong	(21) 2029848
(71) Nien Made Enterprise Co., Ltd.	Esin Ilhan Caarls	(22) 19.11.2021
(74) dr. R.C. van Duijvenbode c.s.	John van Schaijk	(54) DYNAMIC SELECTION OF AUTONOMOUS VEHICLE STOPPING POINTS
(72) Lin Chen	(41) 20.07.2022	(71) Intel Corporation
(31) 202023152965.2	(51) F24F 1/00	(74) dr. A. Krebs
(32) 24.12.2020	F24H 1/06	(72) Maruti Gupta
(33) China	F24H 1/08	Hao Feng
(51) F03B 13/06	F24H 4/02	Fabian Oboril
E02B 9/06	(21) 2026945	Frederik Pasch
(21) 2027210	(22) 20.11.2020	Kay-Ulrich Scholl
(22) 23.12.2020	(54) Prefab thermal housing unit configured to be placed on the ground spaced from a building and comprising a heat pump, hydro module and water buffer means.	Yi Zhang
(54) Energy storage system	(71) Warmberger B.V.	Cornelius Buerkle
(71) Tree Energy Solutions B.V.	(74) ir. J.C. Volmer c.s.	Ravikumar Balakrishnan
(74) dr. ir. G.J.C. Verdijck c.s.	(72) René Jansen	(31) 17/131,625
(72) Paulus van Poecke	Peter de Witte	(32) 22.12.2020
(41) 20.07.2022	(41) 15.07.2022	(33) United States of America
(51) F16G 5/16	(51) F24F 1/56	(51) G01L 5/00
(21) 2027215	F24F 1/58	E02B 3/10
(22) 23.12.2020	(21) 2027152	(21) 2030211
(54) A DRIVE BELT PROVIDED WITH A PLURALITY OF TRANSVERSE SEGMENTS AND A RING STACK CONFINED IN A CENTRAL OPENING OF THESE TRANSVERSE SEGMENTS	(22) 18.12.2020	(22) 21.12.2021
(71) Robert Bosch GmbH	(54) Insulating container for a heat exchanging outdoor unit	(54) METHOD FOR MONITORING STRESS GRADIENT OF CONCRETE DAM
(74) ir. G.A.J.M. Plevier	(71) Ambrava Holding B.V.	(71) Huaneng Group Technology Innovation Center Co., Ltd
(72) Benny Seitzinger	(74) dr. ir. G.J.C. Verdijck c.s.	HUANENG LANCANG RIVER HYDROPOWER INC.
Tom van Lochem	(72) Cornelis Antonius Koldewee	(74) dr. J. van Straaten
Dirk Twisk	Vincent Petrus Jozef Heijnen	(72) Run Zhang
Joep van de Ven	(41) 13.07.2022	Hao Chen
Roderick Bijkerk		Shengjie Zhao
Dirk Jan de Kuyper	(51) F25D 23/00	Jiyuan Yu
Michael Keersmaekers	(21) 2029551	Jin Liu
(41) 20.07.2022	(22) 28.10.2021	Guobin Wang
(51) F16G 5/16	(54) Mobile pre-cooling and air-conditioning preservation machine	Yujang Ding
(21) 1043882		Peng Zhang
(22) 24.12.2020		Wei Wu
		Xiaoyun Hu
		Mao Su

Tao Wu	Liu Hongtao	(21) 2029881
Shuming Jian	Xue Guoqiang	(22) 23.11.2021
Zerong Dong	Zhou Nannan	(54) METHODS AND APPARATUS
Fudong Chi	(51) G02B 6/293	FOR AUTOMATIC DETECTION OF
Bin Tan	G02B 6/27	SOFTWARE BUGS
Xuexing Cao	G02B 6/42	(71) Intel Corporation
Zicheng Wang	(21) 2029882	(74) dr. A. Krebs
Kun Chen	(22) 23.11.2021	(72) Justin Gottschlich
Zhiyong Zhao	(54) A PHOTONIC WAVELENGTH DIVISION	Shengtian Zhou
(31) CN202011536539.0	MULTIPLEXING (WDM) RECEIVER	Fangke Ye
(32) 23.12.2020	WITH POLARIZATION DIVERSITY AND/	Jesmin Jahan Tithi
(33) China	OR LOW REFLECTANCE	Roshni Iyer
(51) G01N 1/40	(71) Intel Corporation	(31) 17/133,238
(21) 2027157	(74) dr. A. Krebs	(32) 23.12.2020
(22) 18.12.2020	(72) Ganesh Balamurugan	(33) United States of America
(54) PORTABLE SURFACE NANODROPLET-	Duanni Huang	(51) G06F 16/95
BASED EXTRACTION DEVICE FOR	Haisheng Rong	(21) 2027203
HIGHLY SENSITIVE CHEMICAL	David Hui	(22) 22.12.2020
ANALYSIS	Chaoxuan Ma	(54) Method and System of Providing Security
(71) Universiteit Twente	Ling Liao	for Anonymous Autodiscover Services
(74) ir. H.A. Witmans c.s.	Aliasghar Eftekhari	(71) Microsoft Technology Licensing, LLC
(72) Detlef Lohse	Mohammad Montazeri Najafabadi	(74) ir. J.C. Volmer c.s.
Xuehua Zhang	Meer Nazmus Sakib	(72) Dean Shiyu Chiang
(41) 15.07.2022	Hao Li	Deepak Kumar Singh
(51) G01S 17/931	Saeed Fatholouloumi	(41) 20.07.2022
G01S 13/88	Taehwan Kim	(51) G06K 9/00
(21) 2029822	(31) 17/133,347	G06F 1/3234
(22) 18.11.2021	(32) 23.12.2020	G06N 20/00
(54) High End Imaging Radar	(33) United States of America	G06F 1/3231
(71) Intel Corporation	(51) G06F 1/16	H04N 5/232
(74) dr. A. Krebs	(21) 2029809	(21) 2029823
(72) Wei Qian	(22) 18.11.2021	(22) 18.11.2021
Tae-Young Yang	(54) AUTOMATICALLY OPEN LAPTOP	(54) METHODS AND APPARATUS TO
Bradley Jackson	HINGE	IMPROVE USER EXPERIENCE ON
Hossein Alavi	(71) Intel Corporation	COMPUTING DEVICES
Timo Sakari Huusari	(74) dr. A. Krebs	(71) Intel Corporation
Ofer Markish	(72) Chunlin Bai	(74) dr. A. Krebs
Zhen Zhou	(31) PCT/CN2020/138235	(72) Kathy Bui
Mengyuan Huang	(32) 22.12.2020	Melanie Daniels
Steven Callender	(33) China	Marko Bartscherer
Arnaud Amadjikpe	(51) G06F 9/50	Kristoffer Fleming
Woorim Shin	(21) 2029681	Deepak Samuel Kirubakaran
Shengbo Xu	(22) 09.11.2021	Paul Diefenbaugh
(31) PCT/US20/66291	(54) EFFICIENT RESOURCE ALLOCATION	Lawrence Falkenstein
(32) 21.12.2020	FOR SERVICE LEVEL COMPLIANCE	Raoul Rivas Toledano
(33) United States of America	(71) Intel Corporation	Vishal Sinha
(51) G01S 17/931	(74) dr. A. Krebs	Aleksander Magi
G01S 13/88	(72) Daniel Richins	Venkateshan Udhayan
G06N 20/00	Jinshi Chen	(31) 17/129,465
(21) 2029854	Qian Li	(32) 21.12.2020
(22) 22.11.2021	Andrew J. Herdrich	(33) United States of America
(54) HIGH END IMAGING RADAR	Slawomir Putyrski	(51) G06N 5/00
(71) Intel Corporation	Andrzej Kuriata	G06F 8/74
(74) dr. A. Krebs	Pietro Mercati	G06F 8/75
(72) Saiveena Kesaraju	Teck Joo Goh	G06N 5/02
Hao Chen	Bin Li	(21) 2029883
(31) PCT/US20/66300	Rameshkumar Illikkal	(22) 23.11.2021
(32) 21.12.2020	Mihai-Daniel Dodan	(54) METHODS AND APPARATUS TO
(33) United States of America	Michael Kishinevsky	CONSTRUCT PROGRAM-DERIVED
(51) G01V 3/08	Long Cui	SEMANTIC GRAPHS
(21) 2030049	Wenhui Shu	(71) Intel Corporation
(22) 07.12.2021	Anna Drewiek-Ossowicka	(74) dr. A. Krebs
(54) A METHOD AND DEVICE FOR	Dharmisha Ketankumar Doshi	(72) Justin Gottschlich
LOCATING A TECTONIC-ALTERED	(31) PCT/CN2020/138138	Shengtian Zhou
ROCK TYPE GOLD DEPOSIT	(32) 21.12.2020	Jesmin Jahan Tithi
(71) Institute of Geology and Geophysics,	(33) China	Roshni Iyer
Chinese Academy of Science	(51) G06F 11/36	Fangke Ye
(72) Zhang Shun	G06F 8/74	(31) 17/133,168

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(33) United States of America	(22) 10.11.2021	(32) 23.12.2020
(51) G06Q 20/20	(54) MICROELECTRONIC STRUCTURES	(33) United States of America
G06Q 20/10	INCLUDING BRIDGES	(51) H03K 3/033
G06Q 20/40	(71) Intel Corporation	H03K 5/00
G06Q 30/04	(74) dr. A. Krebs	H03K 5/05
(21) 2027193	(72) Omkar G. Karhade	H03K 5/06
(22) 21.12.2020	Nitin A. Deshpande	(21) 2027170
(54) Werkwijze en systeem voor	Sairam Agraharam	(22) 18.12.2020
transactieverwerking	Xiaoxuan Sun	(54) Pulse generator and method for
(71) Spaarnestad Holding N.V.	(31) 17/129,135	generating pulses
(74) ir. F.E. Hoebe	(32) 21.12.2020	(71) Technische Universiteit Delft
(72) Johannes André Burg	(33) United States of America	(74) ir. A.R. Aalbers
Ronald André Wever	(51) H01L 23/31	(72) Raymond Frans Laurens Vermeulen
Edgar Jozef Beere	(21) 2029788	(41) 15.07.2022
(51) G10D 7/10	(22) 17.11.2021	(51) H04M 1/02
G10D 9/10	(54) PATCH ON INTERPOSER	H01Q 23/00
(21) 2027201	ARCHITECTURE FOR LOW COST	H01L 23/538
(22) 22.12.2020	OPTICAL CO-PACKAGING	(21) 2029704
(54) Trombone	(71) Intel Corporation	(22) 11.11.2021
(71) Manten van Gils	(74) dr. A. Krebs	(54) DEVICE-TO-DEVICE COMMUNICATION
(74) dr. ir. G.J.C. Verdijk c.s.	(72) Ravindranath V. Mahajan	SYSTEM, PACKAGES, AND PACKAGE
(72) Manten van Gils	Omkar Karhade	SYSTEM
(41) 20.07.2022	Xiaogian Li	(71) Intel Corporation
(51) H01J 61/06	Nitin Deshpande	(74) dr. A. Krebs
(21) 2029528	(31) 17/131,621	(72) Telesphor Kamgaing
(22) 27.10.2021	(32) 22.12.2020	Arnaud Amadjikpe
(54) LIGHT EMITTING UNIT AND LIGHT	(33) United States of America	Zhen Zhou
SOURCE DEVICE	(51) H01L 23/538	Bryce D. Horine
(71) HAMAMATSU PHOTONICS K.K.	G02B 6/12	Chia-Pin Chiu
ENERGETIQ TECHNOLOGY, INC.	(21) 2029702	Jason A. Mix
(74) dr. ir. G.J.C. Verdijk c.s.	(22) 10.11.2021	Kenneth P. Foust
(72) Matthew Partlow	(54) OPTICAL MULTICHIP PACKAGE WITH	Tolga Acikalin
Yusei Nagata	MULTIPLE SYSTEM-ON-CHIP DIES	Sai Vadlamani
Akinori Asai	(71) Intel Corporation	Timothy F. Cox
Toru Fujita	(74) dr. A. Krebs	Renzhi Liu
Ron Collins	(72) Suresh V. Pothukuchi	Brent R. Carlton
Shinichi Ohba	Omkar Karhade	Tae-Young Yang
Laura Owens	Kemal Aygun	(31) PCT/US2020/066748
Stephen F. Horne	Xiaogian Li	(32) 23.12.2020
Akio Suzuki	Zhichao Zhang	(33) United States of America
(31) 17/129,755	(31) 17/132,976	(51) H04W 4/029
(32) 21.12.2020	(32) 23.12.2020	H04W 4/02
(33) United States of America	(33) United States of America	G01C 21/16
(51) H01J 61/30	(51) H01L 25/065	G08G 1/005
(21) 2029527	H04B 7/00	(21) 2029880
(22) 27.10.2021	(21) 2029884	(22) 23.11.2021
(54) LIGHT EMITTING SEALED BODY,	(22) 23.11.2021	(54) PEDESTRIAN TRAFFIC MANAGEMENT
LIGHT EMITTING UNIT, AND LIGHT	(54) WIRELESS CHIP-TO-CHIP HIGH-	(71) Intel Corporation
SOURCE DEVICE	SPEED DATA TRANSPORT	(74) dr. A. Krebs
(71) ENERGETIQ TECHNOLOGY, INC.	(71) Intel Corporation	(72) Ralf Graefe
HAMAMATSU PHOTONICS K.K.	(74) dr. A. Krebs	Michael Paulitsch
(74) dr. ir. G.J.C. Verdijk c.s.	(72) Debabani Choudhury	Norbert Stoeffler
(72) Stephen F. Horne	Stefano Pellerano	(31) 17/131,900
Ron Collins	Omkar Karhade	(32) 23.12.2020
Shinichi Ohba	Oner Orhan	(33) United States of America
Matthew Partlow	Kenneth P. Foust	
Yusei Nagata	Tae-Young Yang	
Akinori Asai	Sai Vadlamani	
Toru Fujita	Telesphor Kamgaing	
Akio Suzuki	Shuhei Yamada	
Laura Owens	Tolga Acikalin	
(31) 17/129,753	Peter Sagazio	
(32) 21.12.2020	Christopher D. Hull	
(33) United States of America	Issy Kipnis	
(51) H01L 21/48	Roya Doostnejad	
H01L 23/538	Hosein Nikopour	
	Mehnaz Rahman	

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Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.

(51) A01D 34/416 A01D 34/82 (11) 1043874 (47) 13.07.2022 (22) 18.12.2020 (54) Afschermmodule voor een maai- inrichting met roterende maaidraden, omvattende een vangscherm dat zich in hoofdzaak aan de voorkant van de inrichting uitstrekt (73) Johannes Martinus Vuijk (72) Johannes Martinus Vuijk	(72) Adriano Altissimo Cristina Sudiro Laurent Aubertin Leendert Cornelis Schilperoord Marinus Matheus Antonius van Oers (74) dr. ir. G.J.C. Verdijk c.s.	(74) ir. A. Blokland c.s.
(51) A01G 9/02 (11) 2027177 (47) 15.07.2022 (22) 21.12.2020 (54) Planthouder voor het opkweken van jonge planten, in het bijzonder epifytische planten zoals bijvoorbeeld epifytische orchideeën (73) A.J.M. de Koning Beheer B.V. (72) Adrianus Johannes Maria de Koning (74) ir. A. Blokland c.s.	(51) A22B 7/00 (11) 2027156 (47) 13.07.2022 (22) 18.12.2020 (54) A FOOD PROCESSING SYSTEM FOR PROCESSING CARCASS PARTS (73) Marel Meat B.V. (72) Frans van den Hurk Jan Meerdink Franciscus Theodorus Henricus Johannes van der Steen (74) ir. A. Blokland c.s.	(51) A23D 9/02 A23L 33/115 C12N 1/12 C12P 7/6463 C12P 7/6472 (11) 2026990 (47) 20.07.2022 (22) 26.11.2020 (54) MICROBIAL OIL CONTAINING DHA AT SN-2 POSITION AND PREPARATION METHOD AND USES THEREFOR (73) QU Hanpeng (72) Yun Liang Shenjian Wang Sheng Cao (74) ir. H.Th. van den Heuvel c.s.
(51) A01G 22/35 (11) 2029093 (47) 15.07.2022 (22) 14.12.2020 (54) Werkwijze en inrichting voor het verkrijgen van camerabeelden van bloembollen op een transportinrichting (62) 2027100 (14.12.2020) (73) Havatec B.V. (72) Johannes Valk John Wijnands Arend van Duijn Erik Petrus van Kampen (74) ir. H.A. Witmans c.s.	(51) A22B 7/00 B65G 47/61 (11) 2027151 (47) 13.07.2022 (22) 18.12.2020 (54) Overhang rail transport system. (73) Marel Meat B.V. (72) Ronald Kranenbarg Cornelis Joannes Janssen Jan Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Bastiaan Martinus Cornelis Albers (74) ir. A. Blokland c.s.	(83) 60733 08.08.2019 Guangdong Microbial Culture Collection Center (GDMCC) Institute of Microbiology, Guangdong Academy of Sciences, No. 59 Building, No. 100 Xianlie Zhong Road, Yuexiu District, Guangzhou 510070, China (31) CN201911175787.4 (32) 26.11.2019 (33) China
(51) A01K 11/00 G06K 7/10 (11) 2027166 (47) 15.07.2022 (22) 18.12.2020 (54) Apparatus for and method of receiving an electronic data signal. (73) Nedap N.V. (72) Bernard Jan Gerrit Schreurs (74) ir. H.A. Witmans c.s.	(51) A22C 21/00 (11) 2027164 (47) 15.07.2022 (22) 18.12.2020 (54) A SLAUGHTER DEVICE, A SLAUGHTER INSTALLATION AND A METHOD THEREOF (73) Meyn Food Processing Technology B.V. (72) Joy David Mike van Spall Allardus Klaas Peddemors Simon Kooij Ramzi Souli (74) ir. F.A. Geurts c.s.	(51) A23D 9/02 A23L 33/115 C12P 7/6463 C12P 7/6472 C12N 1/14 (11) 2026989 (47) 13.07.2022 (22) 26.11.2020 (54) MICROBIAL OIL CONTAINING ARA AT SN-2 POSITION AND PREPARATION METHOD AND USES THEREFOR (73) QU Hanpeng (72) Shenjian Wang Yun Liang Sheng Cao (74) ir. H.Th. van den Heuvel c.s.
(51) A01N 65/08 C05F 5/00 (11) 2027222 (47) 20.07.2022 (22) 24.12.2020 (54) ORGANIC COMPOSITION FOR BIO- STIMULATION OF A PLANT (73) Thesis B.V. Landlab SRL	(51) A22C 21/00 A22B 5/00 (11) 2027154 (47) 13.07.2022 (22) 18.12.2020 (54) A system and method for processing a backhalve of a slaughtered poultry carcass. (73) Marel Poultry B.V. (72) Laurens Christian Philippo Marinus Petrus Johannes Thijssen Maurice Eduardus Theodorus van Esbroeck Mike Christiaan Maria Mooren	(83) 60734 08.08.2019 Guangdong Microbial Culture Collection Center (GDMCC) Institute of Microbiology, Guangdong Academy of Sciences, No. 59 Building, No. 100 Xianlie Zhong Road, Yuexiu District, Guangzhou 510070, China (31) 201911175789.3 (32) 26.11.2019 (33) China (51) A23G 3/32 (11) 2027191 (47) 15.07.2022 (22) 21.12.2020

(54) Industrieel batch-proces voor het bereiden van gekaramelliseerde suiker	A61B 1/00	(11) 2027169
(73) Buisman Ingredients B.V.	(11) 2027205	(47) 15.07.2022
(72) Aris Jan Pereboom	(47) 20.07.2022	(22) 18.12.2020
Michel Tol	(22) 22.12.2020	(54) ABSORBENT ARTICLE WITH IMPROVED CAPILLARY ACCELERATION SHEET
(74) ir. A. Blokland c.s.	(54) An endoluminal biopsy tool	(73) Drylock Technologies NV
(51) A23L 33/15	(73) Technische Universiteit Delft	(72) Tom Derycke
A23L 33/105	Universitair Medisch Centrum Utrecht	Steven Smet
A61K 31/05	(72) Aimée Sakes	Werner van Ingelgem
A61K 31/375	Paulus Breedveld	Bart van Malderen
A61K 31/455	(74) mr. ir. J. van Breda c.s.	(74) dr. ir. G.J.C. Verdijck c.s.
A61K 36/258	(51) A61C 1/00	(51) A61K 31/05
A23L 33/13	(11) 2027176	A61P 15/12
A61K 31/706	(47) 15.07.2022	A61K 36/258
A61P 39/06	(22) 20.12.2020	A61K 36/82
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(11) 1044089	(72) William Gerard Maria Ankoné	A61K 36/074
(47) 15.07.2022	(74) ir. H.C. de Lange	A61K 36/71
(22) 06.07.2021	(51) A61C 17/20	(11) 1044090
(54) Combination of Vitamin C, red ginseng, nicotinamide mononucleotide (NMN) and resveratrol as a healthy functional food (food supplement))	A61C 17/22	(47) 15.07.2022
(73) Dr. Jelena Barjaktarovic, MD	A46B 7/06	(22) 06.07.2021
(72) Jelena Barjaktarovic	(11) 2026252	(54) Combination of vitamin B6, ginseng, green tea extract, Ganoderma lucidum, black cohosh root, nicotinamide mononucleotide (NMN) and resveratrol as a healthy functional food (food supplement)
(31) 1043756	(47) 19.07.2022	(73) Dr. Jelena Barjaktarovic, MD
(32) 12.08.2020	(22) 11.08.2020	(72) Jelena Barjaktarovic
(33) Netherlands	(54) TOOTH WASHING DEVICE	(31) 1043754
(51) A24D 1/02	(73) Nanjing Robust Information Technology Co., Ltd.	(32) 12.08.2020
A24F 17/00	(72) Bailing Xie	(33) Netherlands
(11) 2028524	(74) ir. J.C. Volmer c.s.	(51) A61K 36/48
(47) 19.07.2022	(31) PCT/CN2020/092999	A61K 36/9066
(22) 23.06.2020	(32) 28.05.2020	A61P 35/00
(54) Tray booklet for smokeables, rolling paper holder and assembly	(33) China	(11) 2027153
(62) 2025887 (23.06.2020)	(51) A61F 2/28	(47) 15.07.2022
(73) The New Ways B.V.	A61F 2/30	(22) 18.12.2020
(72) Rajdip Singh	(11) 2027199	(54) ANTI-CANCER COMPOSITION
(74) mr. ir. J. van Breda c.s.	(47) 20.07.2022	(73) ACUPHARM INTERNATIONAL PROPRIETARY LIMITED
(51) A45D 40/00	(22) 22.12.2020	(72) Johannes Francois Marais
B65D 77/00	(54) METHOD OF MANUFACTURING A NON-BIODEGRADABLE PLUG-SHAPED IMPLANT FOR THE REPLACEMENT AND REGENERATION OF BIOLOGICAL TISSUE	James Clive Hurwitz Laporta
A45D 33/00	(73) JointSphere B.V.	Jacobus Johannes van Jaarsveld
(11) 2027182	(72) Mr. G. Melsom	(74) ir. J.C. Volmer c.s.
(47) 15.07.2022	P. Fransen	(51) A61K 36/48
(22) 21.12.2020	Mr. G. Hermesen	A61P 35/00
(54) Assembly for a cosmetic product	Mr. W. van Buul	(11) 2027158
(73) Fasten B.V.	(74) dr. ir. G.J.C. Verdijck c.s.	(47) 15.07.2022
(72) Jalmar Kasimir Fasten	(51) A61F 13/475	(22) 18.12.2020
(74) ir. J.C. Volmer c.s.	A61F 13/51	(54) SUTHERLANDIA EXTRACT AND THE USE THEREOF IN THE MANUFACTURE OF A MEDICAMENT
(51) A47B 87/02	A61F 13/537	(73) ACUPHARM INTERNATIONAL PROPRIETARY LIMITED
A47F 3/14	(11) 2027163	(72) Jacobus Johannes van Jaarsveld
A47F 5/10	(47) 15.07.2022	James Clive Hurwitz Laporta
B65D 21/02	(22) 18.12.2020	Johannes Francois Marais
(11) 2028143	(54) ABSORBENT ARTICLE WITH IMPROVED BOTTOM DISTRIBUTION ASSEMBLY	(74) ir. J.C. Volmer c.s.
(47) 15.07.2022	(73) Drylock Technologies NV	(51) A63B 69/36
(22) 04.05.2021	(72) Steven Smet	(11) 1043876
(54) DISPLAY TRAY, STACK OF DISPLAY TRAYS AND METHOD THEREFOR	Bart van Malderen	(47) 20.07.2022
(73) PalKPS Holding B.V.	Tom Derycke	(22) 22.12.2020
(72) Klaas Schepers	Werner van Ingelgem	(54) Apparaat dat door geluid en licht ondersteunend werkt in de golf sport bij de totstandkoming van het
(74) dr. ir. G.J.C. Verdijck c.s.	(74) dr. ir. G.J.C. Verdijck c.s.	
(31) 2027171	(51) A61F 13/475	
(32) 18.12.2020	A61F 13/532	
(33) Netherlands	A61F 13/537	
(51) A61B 10/02		
A61B 10/00		

juiste golfswing ritme, gebaseerd op verschillende golfswing tempo's ten behoeve van een vloeiende biomechanische volgorde binnen de beweging van de golfswing.	Marcus Koen Joannes Maria van Huijstee	(72) Jurjen Westra
(73) Jeroen Johan Imre Stokman	Joan Antonius Adrianus Maria Hanegraaf	Jan Paul Ferdinand Kimmel
(72) Jeroen Johan Imre Stokman	(74) dr. ir. G.J.C. Verdijk c.s.	(74) dr. ir. G.J.C. Verdijk c.s.
(51) B01D 53/48	(51) B41J 2/205	(51) B65B 5/06
B01D 53/72	B41J 2/21	B65B 35/44
B01D 53/84	B41J 2/045	B65B 35/56
(11) 2027185	B41J 29/393	B65G 47/248
(47) 15.07.2022	G06K 15/10	B65G 47/31
(22) 21.12.2020	B41J 2/14	(11) 2027175
(54) Reinigingsmethode en reinigingsinstallatie voor proceslucht vrijkomend bij compostering	(11) 2027178	(47) 15.07.2022
(73) GMB BioEnergie Zutphen B.V.	(47) 15.07.2022	(22) 20.12.2020
(72) Gerrit Jan van de Pol	(22) 21.12.2020	(54) Article Packing Method and Apparatus
(74) dr. R.C. van Duijvenbode c.s.	(54) A circuit and method for detecting failing nozzles in an inkjet print head	(73) BluePrint Holding B.V.
(51) B01D 53/84	(73) CANON PRODUCTION PRINTING HOLDING B.V.	(72) Lucas Leonard de Jager
A01G 9/02	(72) Eduard T.H. de Grijns	Antonius Johannes Rootseelaar
(11) 2028647	(74) ir. M.J. Groen	Elco Heijmink
(47) 20.07.2022	(51) B60G 7/00	Sion Peter Verhoef
(22) 06.07.2021	B60G 7/02	Alexander van den Broek
(54) Luchtreinigingsinrichting	B60G 9/00	Hessel Michiel Koot
(73) Eduard van Vliet	B60G 11/27	Roeland Marcus Sturkenboom
Smartty BV	B60G 11/46	(74) dr. R.C. van Duijvenbode c.s.
(72) Eduard van Vliet	F16F 1/30	(51) B65D 43/02
(74) ir. G.J.M. Verhees	(11) 2027187	(11) 2027183
(31) 2027230	(47) 15.07.2022	(47) 15.07.2022
(32) 24.12.2020	(22) 21.12.2020	(22) 21.12.2020
(33) Netherlands	(54) Trailing arm assembly	(54) Cosmetic packaging with non-continuous screw thread
(51) B08B 7/00	(73) VDL Weweler B.V.	(73) Fasten B.V.
(11) 2028293	(72) Tom Schrier	(72) Jalmar Kasimir Fasten
(47) 19.07.2022	(74) ir. J.C. Volmer c.s.	(74) ir. J.C. Volmer c.s.
(22) 26.05.2021	(51) B60P 1/38	(51) B65D 77/04
(54) Werkwijze en laser-reinigingsrobot voor het reinigen van contaminatie op een oppervlak	B65G 17/46	A45D 40/00
(73) P-LASER N.V.	(11) 2027217	(11) 2027180
(72) Jean Claude Marie Philippron	(47) 20.07.2022	(47) 15.07.2022
(74) ir. J.C. Volmer c.s.	(22) 24.12.2020	(22) 21.12.2020
(31) 2020/5403	(54) Conveyor lamella, and conveyor floor with such a conveyor lamella	(54) Cosmetic jar with a replaceable refill container
(32) 05.06.2020	(73) Cargo Mac B.V.	(73) Fasten B.V.
(33) Belgium	(72) Frans Arian Heino de Raad	(72) Jalmar Kasimir Fasten
(51) B22F 10/28	Nicolaas Marc Mater	(74) ir. J.C. Volmer c.s.
B22F 10/40	(74) ir. F.A. Geurts c.s.	(51) B65D 77/04
B33Y 10/00	(51) B60P 1/64	A45D 40/00
(11) 2027235	(11) 2027196	(11) 2027181
(47) 20.07.2022	(47) 20.07.2022	(47) 15.07.2022
(22) 24.12.2020	(22) 22.12.2020	(22) 21.12.2020
(54) Werkwijze voor het vervaardigen van een vormlichaam	(54) Containerwagen voorzien van geleiders voor het geleiden van een container	(54) Cosmetic packaging with bottom-loaded refill container
(73) Richard Henricus Adrianus van Lieshout	(73) VDL Containersystemen B.V.	(73) Fasten B.V.
(72) Richard Henricus Adrianus van Lieshout	(72) Adrianus Marinus Jacobus van de Wouw	(72) Jalmar Kasimir Fasten
(74) ir. G.J.M. Verhees	(74) ir. G.J.M. Verhees	(74) ir. J.C. Volmer c.s.
(51) B32B 27/08	(51) B63B 35/38	(51) B66C 13/12
B32B 27/30	B63B 35/58	B66C 19/00
B32B 27/32	B63B 3/08	(11) 2027197
B65D 65/40	B63B 3/06	(47) 20.07.2022
(11) 2027218	B63B 35/34	(22) 22.12.2020
(47) 20.07.2022	(11) 2027165	(54) Samenstel omvattende een railvoertuig voorzien van een baanstuk van een spoorbaan voor het daarover laten rijden van het railvoertuig.
(22) 24.12.2020	(47) 15.07.2022	(73) Cornelis Christiaan de Bruin
(54) MULTILAYER POLYMER BARRIER FILM FOR FOOD PACKAGING	(22) 18.12.2020	(72) Cornelis Christiaan de Bruin
(73) Oerlemans Packaging B.V.	(54) FLOATING STRUCTURE AND CONTAINER AND BRIDGE PART FOR USE IN A FLOATING STRUCTURE, AND METHOD OF STABILIZING A FLOATING STRUCTURE	(74) ir. A. Blokland c.s.
(72) Patrick Corneel Mathilde Verschaeren	(73) MCT Mesh Construction Technology Holding B.V.	(51) B66F 3/35
		(11) 2027161
		(47) 15.07.2022
		(22) 18.12.2020
		(54) Hefstelsysteem

(73) JPM Beheer B.V.	(51) C11D 1/66	(22) 15.07.2021
(72) Jan Pieter Maarschalk Fred Baas	C11D 3/20	(54) TOP-DOWN BOTTOM-UP WINDOW COVERING
(74) drs. A.A. Jilderda	C11D 3/34	(73) Nien Made Enterprise Co., Ltd.
(51) C01B 39/40	C11D 7/26	(72) Lin Chen
C01B 39/06	C11D 7/34	(74) dr. R.C. van Duijvenbode c.s.
B01J 29/46	(11) 2027192	(31) 202023152965.2
(11) 2029486	(47) 13.07.2022	(32) 24.12.2020
(47) 13.07.2022	(22) 21.12.2020	(33) China
(22) 21.10.2021	(54) Samenstelling voor het verwijderen van kalkaanslag op een ondergrond.	(51) F03B 13/06
(54) PREPARATION OF COPPER- CONTAINING NANOCRYSTAL MFI ZEOLITE FIELD OF TECHNOLOGY	(73) HG International B.V.	E02B 9/06
(73) Panjin Institute of Industrial Technology, Dalian University of Technology	(72) Barry Derriks	(11) 2027210
(72) Zhigang Yan	(74) ir. A. Blokland c.s.	(47) 20.07.2022
Gaohong He	(51) C12Q 1/6874	(22) 23.12.2020
Jiahui Fu	C12Q 1/6888	(54) Energy storage system
Yonghou Xiao	(11) 2026403	(73) Tree Energy Solutions B.V.
Xu Liu	(47) 19.07.2022	(72) Paulus van Poecke
Yushan Li	(22) 03.09.2020	(74) dr. ir. G.J.C. Verdijck c.s.
(74) ir. A. Blokland c.s.	(54) NEXT GENERATION SEQUENCING METHOD OF ZOOBENTHOS CYTOCHROME OXIDASE SUBUNIT I GENE AND USE THEREOF	(51) F16G 5/16
(31) 202011168449.0	(73) Chinese Research Academy of Environmental Sciences	(11) 2027215
(32) 28.10.2020	Liaoning University	(47) 20.07.2022
(33) China	(72) Yixuan Ren	(22) 23.12.2020
(51) C02F 1/28	Shuping Wang	(54) A DRIVE BELT PROVIDED WITH A PLURALITY OF TRANSVERSE SEGMENTS AND A RING STACK CONFINED IN A CENTRAL OPENING OF THESE TRANSVERSE SEGMENTS
C02F 1/40	Wei Sun	(73) Robert Bosch GmbH
C02F 1/44	Xiaobo Jia	(72) Benny Seitzinger
C02F 1/461	Sen Ding	Tom van Lochem
C02F 1/66	Hui Wang	Dirk Twisk
C02F 1/72	Shengjie Cao	Joep van de Ven
C02F 3/12	Rui Xia	Roderick Bijkerk
C02F 9/00	Jianing Lin	Dirk Jan de Kuyper
(11) 2027079	Yuan Zhang	Michael Keersmaekers
(47) 13.07.2022	(74) ir. F.A. Geurts c.s.	(74) ir. G.A.J.M. Plevier
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(54) Behandeling en recycling van fenolafvalwater	(32) 05.09.2019	(11) 1043881
(73) Qilu University of Technology	(33) China	(47) 20.07.2022
(72) Zaiyong Jiang	(51) E01C 13/08	(22) 24.12.2020
Jiachuan Chen	(11) 2027212	(54) TRANSVERSE SEGMENT FOR A DRIVE BELT WITH A CARRIER RING AND MULTIPLE TRANSVERSE SEGMENTS
Zhengshun Wang	(47) 20.07.2022	(73) Robert Bosch G.m.b.H.
Guihua Yang	(22) 23.12.2020	(72) Cornelis Johannes Maria van der Meer
Yuan Wang	(54) ARTIFICIAL TURF INFILL WITH NATURAL RUBBER GRANULES	(74) ir. G.A.J.M. Plevier
(74) M. Schmid	(73) Ten Cate Thiolon B.V.	(51) F16G 5/16
(51) C02F 1/28	(72) Michael Rene Vogel	(11) 1043882
C02F 1/58	Hein Anton Heerink	(47) 20.07.2022
C02F 101/12	Colin Young	(22) 24.12.2020
B01J 20/02	Niels Gerardus Kolkman	(54) RING CIRCUMFERENCE LENGTH CALIBRATION PROCESS IN A MANUFACTURING METHOD OF A RING SET FOR A DRIVE BELT
B01J 20/24	Sethunath Salil	(73) Robert Bosch G.m.b.H.
B01J 20/26	(74) dr. R.C. van Duijvenbode c.s.	(72) René Nuijten
(11) 2029939	(51) E01C 13/08	(74) ir. G.A.J.M. Plevier
(47) 20.07.2022	(11) 2027211	(51) F16H 61/00
(22) 28.11.2021	(47) 20.07.2022	F16H 61/662
(54) TREATMENT PROCESS FOR PURIFYING CHLORINE-CONTAINING WASTEWATER BY CRYSTALLIZATION OF AMMONIUM SALT	(22) 23.12.2020	F04B 49/08
(73) Shijiazhuang Lvjie Energy Saving Technology Co., Ltd.	(54) NATURAL ARTIFICIAL TURF INFILL	F04C 14/22
(72) Yinghua Gu	(73) Ten Cate Thiolon B.V.	(11) 1043880
Lipeng Wang	(72) Colin Young	(47) 20.07.2022
Jianpo Shi	Salil Sethunath	(22) 24.12.2020
Zhanjun Wang	Michael Rene Vogel	(54) HYDRAULICALLY ACTUATED CONTINUOUSLY VARIABLE
(74) dr. T. Wittop Koning PhD	Hein Anton Heerink	
(31) 202011462954.6	Niels Gerardus Kolkman	
(32) 14.12.2020	(74) dr. R.C. van Duijvenbode c.s.	
(33) China	(51) E06B 9/262	
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TRANSMISSION FOR AN ELECTRIC VEHICLE	APPARATUS, AND MOUNTING STRUCTURE	(11) 2028873
(73) Robert Bosch G.m.b.H.	(73) Panasonic Intellectual Property Management Co., Ltd.	(47) 20.07.2022
(72) Marco de Jong	(72) Daisuke Sakurai	(22) 29.07.2021
Esin Ilhan Caarls	Kiyokazu Itoi	(54) APPARATUS AND METHOD FOR PROCESSING A RETICLE AND PELLICLE ASSEMBLY
John van Schaijk	Keiko Ikuta	(73) ASML Netherlands B.V.
(74) ir. G.A.J.M. Plevier	(74) drs. O. Griebeling	(72) Andrey Nikipelov
(51) F24F 1/00	(31) 2020-133003	Cornelis Adrianus de Meijere
F24H 1/06	2020-093359	Marcus Adrianus van de Kerkhof
F24H 1/08	(32) 05.08.2020	Vadim Yevgenyevich Banine
F24H 4/02	28.05.2020	Paul Alexander Vermeulen
(11) 2026945	(33) Japan	Parham Yaghoobi
(47) 15.07.2022	Japan	Johannes Hubertus Josephina Moors
(22) 20.11.2020	(51) G01N 1/40	Guido Salmaso
(54) Prefab thermal housing unit configured to be placed on the ground spaced from a building and comprising a heat pump, hydro module and water buffer means.	(11) 2027157	(74) ir. A.J.M. van Hoef
(73) Warmberger B.V.	(47) 15.07.2022	(31) 20192426.3
(72) René Jansen	(22) 18.12.2020	20199008.2
Peter de Witte	(54) PORTABLE SURFACE NANODROPLET-BASED EXTRACTION DEVICE FOR HIGHLY SENSITIVE CHEMICAL ANALYSIS	(32) 24.08.2020
(74) ir. J.C. Volmer c.s.	(73) Universiteit Twente	29.09.2020
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(54) Insulating container for a heat exchanging outdoor unit	G01S 13/88	(22) 22.12.2020
(73) Ambrava Holding B.V.	G01S 13/931	(54) Method and System of Providing Security for Anonymous Autodiscover Services
(72) Cornelis Antonius Koldewee	H03F 1/02	(73) Microsoft Technology Licensing, LLC
Vincent Petrus Jozef Heijnen	H03F 3/195	(72) Dean Shiyu Chiang
(74) dr. ir. G.J.C. Verdijck c.s.	H03F 3/21	Deepak Kumar Singh
(51) F24H 9/20	(11) 2028246	(74) ir. J.C. Volmer c.s.
A47J 31/54	(47) 15.07.2022	(51) G10D 7/10
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(22) 06.08.2020	(73) Intel Corporation	(47) 20.07.2022
(54) Intelligent household water dispenser	(72) Evgeny Shumaker	(22) 22.12.2020
(73) Nanjing Robust Information Technology Co., Ltd.	Sergey Bershansky	(54) Trombone
(72) Bailing Xie	Meir Gordon	(73) Manten van Gils
(74) ir. H.A. Witmans c.s.	Run Levinger	(72) Manten van Gils
(31) PCT/CN2020/092997	Mustafijur Rahman	(74) dr. ir. G.J.C. Verdijck c.s.
(32) 28.05.2020	Stefano Pellerano	(51) H01L 21/768
(33) China	Omer Asaf	H01L 23/528
(51) F25C 3/02	Nir Weisman	H01L 21/033
(11) 1043775	Naftali Landsberg	H01L 21/311
(47) 13.07.2022	Dan Ohev Zion	(11) 2028300
(22) 31.08.2020	Woorim Shin	(47) 15.07.2022
(54) Gemodificeerde luchtverdeel-, luchtverzamel- en luchtkanalen in de ijsbaan-draag- en koelcomponenten met hun montage- en verbindingsmethoden.	Danniel Nahmanny	(22) 26.05.2021
(73) Christiaan Vink	Gil Horovitz	(54) DIRECTED SELF-ASSEMBLY STRUCTURES AND TECHNIQUES
(72) Christiaan Vink	(74) dr. A. Krebs	(73) INTEL CORPORATION
(51) G01B 7/16	(31) PCT/US2020/052423	(72) Marie Krysak
H01L 23/00	63/029,515	Eungnak Han
H01L 21/66	63/027,970	Xuanxuan Chen
H01L 21/607	63/027,983	Robert L. Bristol
H01L 21/67	(32) 24.09.2020	Gurpreet Singh
(11) 1044041	24.05.2020	James Munro Blackwell
(47) 15.07.2022	21.05.2020	Tayseer Mahdi
(22) 26.05.2021	21.05.2020	Florian Gstrein
(54) METHOD FOR MANUFACTURING DEVICE, DEVICE MANUFACTURING	(33) United States of America	Richard E. Schenker
	United States of America	Emily Susan Walker
	United States of America	Brandon Jay Holybee
	United States of America	Lauren Elizabeth Doyle
	(51) G03F 7/20	(74) dr. A. Krebs
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(33) United States of America
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(11) 2027170

(47) 15.07.2022

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(54) Pulse generator and method for
generating pulses

(73) Technische Universiteit Delft

(72) Raymond Frans Laurens Vermeulen

(74) ir. A.R. Aalbers

(51) H05G 2/00

(11) 2028391

(47) 13.07.2022

(22) 04.06.2021

(54) TARGET SUPPLY DEVICE, EXTREME
ULTRAVIOLET LIGHT GENERATION
APPARATUS, AND ELECTRONIC
DEVICE MANUFACTURING METHOD

(73) Gigaphoton Inc.

(72) Toshihiro Nishisaka

Yutaka Shiraishi

Tsukasa Hori

(74) ir. A. Blokland c.s.

(31) 2020-120078

(32) 13.07.2020

(33) Japan

NP3

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

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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(43) 29.06.2022

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(71) BlackBerry (Taiwan) Industrial Networking
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(87) IB2018058814	KATER, Timothy	(51) A01F 15/08
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(54) SEEDS DISTRIBUTION DEVICE FOR	(33) United States of America	(47) 20.07.2022
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AND PRECISION SOWING MACHINE	(11) EP3205200	(54) ROUND BALER WITH BALE
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(73) Maschio Gaspardo S.p.A.	(47) 20.07.2022	(73) Usines Claas France S.A.S
(72) MILOLO, Bruno	(22) 10.02.2017	(72) Scharf, Thorsten
DONADON, Gianfranco	(54) TRIMMER HEAD HAVING LINE	Cazaban-Mazerolles, Benoit
BOT, Luigi Giovanni	CARTRIDGE	(31) 102015004275
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(11) EP3653036	(32) 11.02.2016	(11) EP3809821
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MACHINE AND METHOD FOR	(87) CN2019099662	(54) POLYTUNNEL STRUCTURE
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(73) Horsch Maschinen GmbH	(54) TRIMMER HEAD AND GRASS	(31) 201810046
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FELL, Brandon	WITHIN THE INTRATHORACIC	KOTHANDARAMAN, Sridhar
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(87) EP2017075212	(22) 15.03.2016	(21) EP19275010.7
19.04.2018	(54) TAPE ADHESIVE FOR AN INSULATING TAPE IN AN INSULATION SYSTEM AND INSULATION SYSTEM	(47) 20.07.2022
(22) 04.10.2017	(73) Siemens Aktiengesellschaft	(22) 25.01.2019
(54) VACUUM INSULATION PANEL	(72) SCHIRM, Dieter	(54) MULTI-LAYER INSULATED WIRE AND METHOD OF MANUFACTURING THE SAME
(73) Kingspan Holdings (IRL) Limited	ÜBLER, Matthias	(73) Hitachi Metals, Ltd.
(72) ROCHEFORT, Malcolm	OLBRICH, Irene	(72) MIURA, Tsuyoshi
MACK, Daniel	HUBER, Jürgen	KIBE, Tamotsu
(31) 201617399	(31) 102015205328	NAKAMURA, Yoshiaki
(32) 13.10.2016	(32) 24.03.2015	IWASAKI, Makoto
(33) United Kingdom	(33) Germany	(31) 2018020156
(51) B32B 9/00	(51) B32B 27/08	(32) 07.02.2018
G02F 1/1333	B29C 39/10	(33) Japan
H05B 33/02	B32B 27/20	(51) B32B 27/20
H05B 33/04	B32B 27/28	B05D 5/06
H05B 33/14	B32B 27/36	C09D 5/36
H01L 51/52	B29C 44/12	C08K 3/36
(11) EP3437855	B32B 3/04	(11) EP3362287
(21) EP17775084.1	B32B 3/26	(21) EP16856297.3
(47) 20.07.2022	(11) EP3317102	(47) 20.07.2022
(87) JP2017012634	(21) EP16739051.7	(87) US2016057091
05.10.2017	(47) 20.07.2022	20.04.2017
(22) 28.03.2017	(87) EP2016065590	(22) 14.10.2016
(54) GAS BARRIER LAMINATED BODY, MEMBER FOR ELECTRONIC DEVICE, AND ELECTRONIC DEVICE	(22) 01.07.2016	(54) MULTILAYER COATING WITH VISUAL EFFECT
(73) LINTEC Corporation	(54) LOW-TEMPERATURE DEFORMABLE THERMOPLASTIC DEVICE	(73) Polynt Composites USA, Inc.
(72) NAGANAWA Satoshi	(73) Robert, Alexis	(72) BELDEN, Ryan
HAGIHARA Yoshiaki	Boyer, Pierre-louis	(31) 201562242894 P
IWAYA Wataru	(72) Boyer, Pierre-louis	(32) 16.10.2015
(31) 2016066192	Robert, Alexis	(33) United States of America
(32) 29.03.2016	(31) 1556348	(51) B41F 33/00
(33) Japan	(32) 03.07.2015	(11) EP3628490
(51) B32B 15/088	(33) France	(21) EP19195259.7
B32B 15/18	(51) B32B 27/08	(47) 20.07.2022
B32B 27/34	B32B 27/18	(22) 04.09.2019
B32B 5/02	B32B 27/20	(54) IMPROVED PRINTING PLATE LOGISTICS
B32B 15/20	B32B 27/30	(73) Heidelberger Druckmaschinen AG
B32B 27/20	B32B 27/36	(72) Epp, Sascha
(11) EP3849797	C08J 5/18	(31) 102018216421
(21) EP19763028.8	C08L 33/12	(32) 26.09.2018
(47) 20.07.2022	C08L 69/00	(33) Germany
(87) EP2019074260	(11) EP3802121	(51) B41J 2/005
19.03.2020	(21) EP19725752.0	C09D 11/00
(22) 11.09.2019	(47) 20.07.2022	B29C 41/22
(54) LAMINATE COMPRISING A METAL LAYER AND A LAYER MADE FROM A POLYAMIDE AND EVA	(87) EP2019063606	(11) EP3083252
(73) BASF SE	05.12.2019	(21) EP14833292.7
(72) SIMON, Jasmina	(22) 27.05.2019	
WEIMER, Julia		

(47) 20.07.2022	(11) EP3765304	(72) MAUDERER, Michael
(87) JP2014006284	(21) EP19711045.5	BIELESCH, Ulrich
25.06.2015	(47) 20.07.2022	(31) 102019122586
(22) 17.12.2014	(87) EP2019055884	(32) 22.08.2019
(54) METHOD FOR MANUFACTURING	19.09.2019	(33) Germany
A PATTERN, MANUFACTURING	(22) 08.03.2019	(51) B60B 30/06
APPARATUS FOR MANUFACTURING	(54) LASER PRINTING PROCESS	B60R 9/10
A PATTERN, METHOD FOR	(73) HELIOSONIC GmbH	B60B 1/00
MANUFACTURING STRUCTURAL	(72) LEHMANN, Udo	(11) EP3453540
BODY AND MANUFACTURING	(31) 102018001938	(21) EP18185674.1
APPARATUS THEREFOR	(32) 12.03.2018	(47) 20.07.2022
(73) Canon Kabushiki Kaisha	(33) Germany	(22) 26.07.2018
(72) TANIUCHI, Hiroshi	(51) B42B 4/00	(54) WHEEL SHELL FOR RECEIVING
(31) 2013261519	B42C 19/02	OF A WHEEL OF A TWO-WHEELED
(32) 18.12.2013	B42C 19/08	VEHICLE
(33) Japan	(11) EP3623163	(73) ATERA GmbH
(51) B41J 2/165	(21) EP17909275.4	(72) Hinderhofer, Jürgen
(11) EP3659810	(47) 20.07.2022	(31) 102017215959
(21) EP19211211.8	(87) JP2017017987	(32) 11.09.2017
(47) 20.07.2022	15.11.2018	(33) Germany
(22) 25.11.2019	(22) 12.05.2017	(51) B60B 33/00
(54) WIPING DEVICE, LIQUID	(54) SADDLE STITCH BINDING SYSTEM	B60B 33/02
DISCHARGING DEVICE, AND WIPING	(73) Horizon International Inc.	B60B 5/04
METHOD	(72) IDA Tatsuki	F16D 63/00
(73) Ricoh Company, Ltd.	HORI Takakazu	B60B 33/04
(72) ATAKE, Takumi	KASHIBA Masayuki	(11) EP3638514
SAKON, Yohta	(51) B42B 5/12	(21) EP18818180.4
BANNAI, Akiko	(11) EP3802139	(47) 20.07.2022
OHKURA, Hiroko	(21) EP19729088.5	(87) US2018031520
(31) 2018222048	(47) 20.07.2022	20.12.2018
(32) 28.11.2018	(87) IB2019054163	(22) 08.05.2018
(33) Japan	05.12.2019	(54) SUSPENSION CASTER WITH BRAKE
(51) B41M 5/382	(22) 20.05.2019	LEVER AND WHEEL FORK AND YOKE
B41J 2/005	(54) A BOUND SHEET DEVICE	PORTION HAVING COMMON PIVOT
(11) EP3743287	(73) DIVE-LOGS LTD	AXIS
(21) EP19702209.8	Fenney, Mike	(73) Colson Group Holdings, LLC
(47) 20.07.2022	(72) FENNEY, Mike	(72) FRESHOUR, Michael
(87) EP2019051508	(31) 201808928	SCHENK, Charles
01.08.2019	(32) 31.05.2018	(31) 201715619647
(22) 22.01.2019	(33) United Kingdom	(32) 12.06.2017
(54) LASER PRINTING PROCESS	(51) B42C 19/08	(33) United States of America
(73) HELIOSONIC GmbH	(11) EP3772418	(51) B60B 35/00
(72) LEHMANN, Udo	(21) EP20189801.2	B60B 35/10
(31) 102018000653	(47) 20.07.2022	(11) EP3206887
(32) 27.01.2018	(22) 06.08.2020	(21) EP14853373.0
(33) Germany	(54) BOOKBINDING APPARATUS	(47) 20.07.2022
(51) B41M 5/382	(73) Horizon International Inc.	(87) IL2014050899
B41M 5/42	(72) FUKUDA, Shigenobu	23.04.2015
B41M 5/44	WAKIMOTO, Shigeru	(22) 14.10.2014
(11) EP3798014	KAMBARA, Kanta	(54) FOLDABLE VEHICLE, SYSTEM AND
(21) EP19826490.5	(31) 2019146004	ADJUSTMENT ASSEMBLY THEREOF
(47) 20.07.2022	(32) 08.08.2019	FOR ADJUSTING WIDTH OF A
(87) JP2019025679	(33) Japan	VEHICLE
02.01.2020	(51) B42D 25/355	(73) City Transformer Ltd.
(22) 27.06.2019	B42D 25/346	(72) ABRAMOV, Erez
(54) HEAT TRANSFER SHEET	B42D 25/351	GOLDWINE, Gideon
(73) Dai Nippon Printing Co., Ltd.	B42D 25/43	FORMOZA, Asaf
(72) MATSUI, Hiroto	B42D 25/435	(51) B60C 1/00
(31) 2018185363	B42D 25/324	B60C 11/03
2018125587	G07D 7/00	B60C 11/11
(32) 28.09.2018	B42D 25/342	B60C 11/12
29.06.2018	(11) EP3782822	(11) EP3795377
(33) Japan	(21) EP20192227.5	(21) EP20196035.8
Japan	(47) 20.07.2022	(47) 20.07.2022
(51) B41M 5/46	(22) 21.08.2020	(22) 14.09.2020
B41M 5/382	(54) MICROSTRUCTURED TRANSPARENT	(54) HEAVY DUTY TIRE
C09D 11/037	SECURITY ELEMENT	(73) Sumitomo Rubber Industries, Ltd.
C09D 11/10	(73) Bundesdruckerei GmbH	(72) HABA, Toshifumi

(31) 2019170571	(22) 01.08.2019	(72) KAWAGOE, Yoshifumi
(32) 19.09.2019	(54) TYRE FOR VEHICLE WHEELS	(31) 2019185315
(33) Japan	(73) Pirelli Tyre S.p.A.	(32) 08.10.2019
(51) B60C 1/00	(72) MONDOLO, Amedeo	(33) Japan
B60C 11/03	RAMPANA, Barbara	(51) B60C 23/04
B60C 11/11	AGRESTI, Simone	(11) EP3663110
B60C 11/12	DAGHINI, Guido Luigi	(21) EP19213579.6
(11) EP3795378	(31) 201800007850	(47) 20.07.2022
(21) EP20196041.6	(32) 03.08.2018	(22) 04.12.2019
(47) 20.07.2022	(33) Italy	(54) INTEGRATED TIRE SENSOR AND
(22) 14.09.2020	(51) B60C 9/02	READER SYSTEM
(54) HEAVY DUTY TIRE	B60C 9/17	(73) The Goodyear Tire & Rubber Company
(73) Sumitomo Rubber Industries, Ltd.	B60C 19/00	(72) PULFORD, Carl Trevor Ross
(72) KAJITA, Hisataka	B60C 5/22	SUH, Peter Jung-min
HABA, Toshifumi	(11) EP3724004	LIN, Cheng-Hsiung
(31) 2019170572	(21) EP18833454.4	(31) 201816210069
(32) 19.09.2019	(47) 20.07.2022	(32) 05.12.2018
(33) Japan	(87) FR2018053147	(33) United States of America
(51) B60C 1/00	20.06.2019	(51) B60C 23/04
C08L 9/06	(22) 07.12.2018	B60W 40/12
C08L 7/00	(54) PNEUMATIC TYRE FOR VEHICLE	B60C 23/06
C08K 3/36	WITH REINFORCING STRUCTURE IN	B60W 40/13
C08K 5/548	THE LOWER TORIC CAVITY	(11) EP3659831
(11) EP3802152	(73) COMPAGNIE GENERALE DES	(21) EP19209919.0
(21) EP19734899.8	ETABLISSEMENTS MICHELIN	(47) 20.07.2022
(47) 20.07.2022	(72) DAVAL, Bertrand	(22) 19.11.2019
(87) IB2019054482	GIRARD, Mathieu	(54) TIRE LOAD ESTIMATION SYSTEM AND
05.12.2019	(31) 1761883	METHOD
(22) 30.05.2019	(32) 11.12.2017	(73) The Goodyear Tire & Rubber Company
(54) TYRES FOR VEHICLES AND	(33) France	(72) SINGH, Kanwar Bharat
ELASTOMERIC COMPOSITIONS FOR	(51) B60C 9/08	ARAT, Mustafa Ali
TYRES COMPRISING PARTICULAR	B60C 15/00	PARSONS, Anthony Wiliam
SILICAS FROM RICE HUSK ASH	(11) EP3636453	(31) 201862772151 P
(73) Pirelli Tyre S.p.A.	(21) EP17912939.0	(32) 28.11.2018
(72) PARAZZOLI, Francesco	(47) 20.07.2022	(33) United States of America
CASTELLANI, Luca	(87) JP2017043069	(51) B60C 23/04
HANEL, Thomas	13.12.2018	G06K 19/077
ALBIZZATI, Enrico	(22) 30.11.2017	H01Q 1/22
ARIMONDI, Marco	(54) PNEUMATIC RADIAL TIRE	B60C 19/00
(31) 201800005915	(73) Bridgestone Corporation	(11) EP3548313
(32) 31.05.2018	(72) TOBE, Takahiro	(21) EP17817798.6
(33) Italy	(31) 2017111438	(47) 20.07.2022
(51) B60C 5/14	(32) 06.06.2017	(87) FR2017053317
B60C 1/00	(33) Japan	14.06.2018
(11) EP3666546	(51) B60C 11/03	(22) 30.11.2017
(21) EP18851306.3	B60C 11/13	(54) PNEUMATIC TYRE EQUIPPED WITH
(47) 20.07.2022	B60C 11/01	AN ELECTRONIC MEMBER
(87) JP2018020959	B60C 13/00	(73) Compagnie Générale des
07.03.2019	(11) EP3663104	Etablissements Michelin
(22) 31.05.2018	(21) EP18840874.4	(72) ALDON, Isabelle
(54) PNEUMATIC TIRE	(47) 20.07.2022	DESTRAVES, Julien
(73) Sumitomo Rubber Industries, Ltd.	(87) JP2018028090	NOEL, Sebastien
(72) NAKAJIMA, Hiroki	07.02.2019	TOURENNE, Annabel
HORIGUCHI, Takuya	(22) 26.07.2018	CLERGEAT, Jean-Mathieu
(31) 2017165840	(54) PNEUMATIC TIRE	(31) 1661924
(32) 30.08.2017	(73) The Yokohama Rubber Co., Ltd.	(32) 05.12.2016
(33) Japan	(72) HORIUCHI, Kenji	(33) France
(51) B60C 9/00	(31) 2017149976	(51) B60H 1/00
B60C 9/20	(32) 02.08.2017	B60H 1/32
B60C 9/22	(33) Japan	B60P 3/20
D02G 3/48	(51) B60C 11/12	B62D 33/04
D07B 1/00	B60C 11/03	(11) EP3695996
D07B 1/06	(11) EP3805020	(21) EP19157531.5
(11) EP3829898	(21) EP20198132.1	(47) 20.07.2022
(21) EP19755973.5	(47) 20.07.2022	(22) 15.02.2019
(47) 20.07.2022	(22) 24.09.2020	(54) BOX BODY WITH SHORT-CIRCUIT
(87) IB2019056554	(54) TIRE	BARRIER
06.02.2020	(73) Sumitomo Rubber Industries, Ltd.	(73) Schmitz Cargobull AG

(72) Kuhn, Marco	09.05.2019	B60K 17/10
(51) B60H 1/00	(22) 30.10.2018	(11) EP3842273
F24F 11/00	(54) MOTOR VEHICLE NEBULIZER	(21) EP20199167.6
A61B 5/01	SYSTEM AND MOTOR VEHICLE	(47) 20.07.2022
A61B 5/021	COMPRISING SUCH A SYSTEM	(22) 30.09.2020
A61B 5/18	(73) Valeo Systemes Thermiques	(54) WORKING VEHICLE
A61B 5/352	(72) PETIT, Stéphane	(73) Iseki & Co., Ltd.
(11) EP3778270	FEUILLARD, Vincent	(72) TOMIOKA, Eiji
(21) EP19774445.1	(31) 1760287	(31) 2019236886
(47) 20.07.2022	(32) 31.10.2017	(32) 26.12.2019
(87) JP2019004903	(33) France	(33) Japan
03.10.2019	(51) B60J 5/02	(51) B60K 35/00
(22) 12.02.2019	B60K 1/04	B60K 37/02
(54) VEHICLE AIR-CONDITIONING DEVICE	B62D 47/02	(11) EP3628526
AND VEHICLE PROVIDED WITH	(11) EP3616952	(21) EP19196843.7
VEHICLE AIR-CONDITIONING DEVICE	(21) EP19191394.6	(47) 20.07.2022
(73) Panasonic Intellectual Property	(47) 20.07.2022	(22) 12.09.2019
Management Co., Ltd.	(22) 13.08.2019	(54) DEVICE FOR DISPLAYING A TIME-
Japan Climate Systems Corporation	(54) ELECTRIC VEHICLE	DEPENDENT NUMBER VALUE
(72) KOMORI, Kou	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(73) MAN Truck & Bus SE
NISHII, Hideaki	(72) TSURUTA, Ayano	(72) Mohra, Holger
NAKASHIMA, Yu	HARA, Yasuhiro	Aydemir, Fatih
FURUI, Mio	(31) 2018154933	Kim, Zie-Na
MIYAZAKI, Yoichi	(32) 21.08.2018	Kreuzer, Fabian
SHIGENAKA, Hiroaki	(33) Japan	Ochs, Thomas
HAMAMOTO, Hiroshi	(51) B60K 1/04	Jentsch, Martin
SAITOU, Kensaku	H01M 10/613	Huber, Johannes
(31) 2018068774	B60K 1/00	(31) 102018122833
(32) 30.03.2018	(11) EP3582989	(32) 18.09.2018
(33) Japan	(21) EP18706442.3	(33) Germany
(51) B60H 1/22	(47) 20.07.2022	(51) B60K 35/00
F24H 1/00	(87) EP2018053354	B60K 37/02
(11) EP3616949	23.08.2018	G03B 21/28
(21) EP18382624.7	(22) 09.02.2018	(11) EP3585638
(47) 20.07.2022	(54) BATTERY STRUCTURE AND	(21) EP18708623.6
(22) 27.08.2018	PROTECTOR	(47) 20.07.2022
(54) HEATING DEVICE	(73) Mubea Carbo Tech GmbH	(87) EP2018054462
(73) BorgWarner Ludwigsburg GmbH	(72) SCHMITZ, Sebastian	30.08.2018
(72) HERMIDA DOMÍNGUEZ, Xoan Xosé	INSAM, Guido	(22) 23.02.2018
BALEATO PEÓN, Matías	SPIELVOGEL, Bernhard	(54) MOTOR VEHICLE HAVING A DISPLAY
SÁNCHEZ LOBATO, José Miguel	DORFINGER, Herbert	ASSEMBLY AND METHOD FOR
VARGAS CURTO, Alejandro	(31) 1862017	OPERATING A DISPLAY ASSEMBLY
SANROMÁN PRADO, José Antonio	(32) 17.02.2017	OF A MOTOR VEHICLE
(51) B60H 1/24	(33) Switzerland	(73) Audi AG
F24F 13/14	(51) B60K 11/04	(72) TANNEBERGER, Soenke
F16K 15/14	B60K 13/04	KNITTL, Thomas
F16K 15/03	E02F 9/00	ZEINAR, Peter
F24F 11/74	F01N 3/28	BEIERLEIN, Ulrich
(11) EP3325295	E02F 3/28	OLLEFERS, Edwin
(21) EP16794883.5	E02F 9/08	MERK, Imanuel
(47) 20.07.2022	F01N 3/20	ROTHFUSS, Karl-Heinz
(87) US2016059866	F01N 13/08	(31) 102017203173
11.05.2017	F01N 13/18	(32) 27.02.2017
(22) 01.11.2016	(11) EP3009290	(33) Germany
(54) FLAP-RETAINING CLIP FOR A	(21) EP14783990.6	(51) B60K 35/00
PRESSURE RELIEF ASSEMBLY	(47) 20.07.2022	B60K 37/06
(73) Illinois Tool Works Inc.	(87) JP2014071637	G05G 1/08
(72) CARLSON, Daniel, David	25.02.2016	G06F 3/038
(31) 201562251804 P	(22) 19.08.2014	G06F 3/041
(32) 06.11.2015	(54) WORK VEHICLE	G06F 3/044
(33) United States of America	(73) Komatsu Ltd.	H03K 17/96
(51) B60H 3/02	(72) YOSHIDA, Yoshiaki	G06F 3/0362
F24F 6/00	SHINTANI, Toshiya	B60R 11/02
F24F 6/12	YABE, Mitsuo	G02B 6/00
(11) EP3703965	MATSUKI, Teruyuki	G05G 1/10
(21) EP18811600.8	OHSAWA, Akihiro	G08C 19/10
(47) 20.07.2022	(51) B60K 26/02	H01H 9/18
(87) FR2018052698	B60K 15/063	H01H 19/00

H01H 19/02	(54) METHOD AND SYSTEM TO CONTROL	B60W 50/00
(11) EP3519232	AT LEAST TWO ELECTRIC MOTORS	(11) EP3620322
(21) EP17778253.9	DRIVING A VEHICLE	(21) EP19176936.3
(47) 20.07.2022	(73) Texa S.p.A.	(47) 20.07.2022
(87) EP2017074721	(72) MAMARELIS, Emilio	(22) 28.05.2019
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(22) 28.09.2017	LAMBERTINI, Loris	(73) MITSUBISHI JIDOSHA KOGYO
(54) INTERFACE FOR MOTOR VEHICLE	CIAPPA, Manfredi	KABUSHIKI KAISHA
AND CONTROL METHOD	(31) 201900018362	(72) SHIMIZU, Ryo
(73) DAV	(32) 10.10.2019	TANAKA, Sumio
(72) AUBRY, Anthony	(33) Italy	TAWAKI, Tatsuya
(31) 1659256	(51) B60L 7/22	SASAKI, Yusuke
(32) 28.09.2016	B60L 15/20	(31) 2019051609
(33) France	H02P 3/18	2018103822
(51) B60K 35/00	B60L 7/00	(32) 19.03.2019
B60R 11/02	B60L 7/02	30.05.2018
G01C 21/36	B60L 7/06	(33) Japan
G06F 3/14	B60L 7/10	Japan
G09G 3/00	B60L 7/12	(51) B60L 53/18
G06F 3/0488	B60L 7/04	(11) EP3524465
G09F 9/00	B60L 7/14	(21) EP18155746.3
B60R 11/00	B60L 7/16	(47) 20.07.2022
(11) EP3585637	H02P 3/12	(22) 08.02.2018
(21) EP18707649.2	H02P 3/22	(54) CABLE GUIDE, AC CHARGER,
(47) 20.07.2022	H02P 3/14	TOOL FOR THE ASSEMBLY OF AN
(87) EP2018053760	(11) EP2687396	AC CHARGER AND METHOD OF
30.08.2018	(21) EP12760930.3	ASSEMBLING AN AC CHARGER
(22) 15.02.2018	(47) 20.07.2022	(73) Aptiv Technologies Limited
(54) DISPLAY DEVICE	(87) JP2012056277	(72) SCHROEDTER, Tim-Arvid
(73) Audi AG	27.09.2012	DROESBEKE, Gert
(72) WALL, Christian	(22) 12.03.2012	DUBBERT, Stefan
(31) 102017203167	(54) MOTOR DRIVING DEVICE	OEKEN, Andre
(32) 27.02.2017	(73) NTN Corporation	RENFORDT, Jannik
(33) Germany	(72) OKADA, Koichi	KLEINHOELTIG, Andre
(51) B60K 35/00	(31) 2011060068	(51) B60L 58/22
G03B 21/58	(32) 18.03.2011	(11) EP3548327
(11) EP3687848	(33) Japan	(21) EP16805104.3
(21) EP18779297.3	(51) B60L 7/24	(47) 20.07.2022
(47) 20.07.2022	B60L 7/26	(87) EP2016079404
(87) EP2018075383	B60L 7/18	07.06.2018
04.04.2019	B60T 13/58	(22) 01.12.2016
(22) 19.09.2018	B60T 1/10	(54) A SYSTEM AND A METHOD FOR
(54) DISPLAY DEVICE COMPRISING A	B60L 15/20	SELECTING ENERGY STORAGE
PROJECTOR ON THE REAR SIDE OF	B60L 3/10	CELLS FOR BALANCING OF AN
A PROJECTION AREA	B60T 8/17	ELECTRICAL ENERGY STORAGE
(73) Audi AG	B60T 7/20	PACK
(72) LOTTES, Daniel	B60L 15/38	(73) Volvo Truck Corporation
(31) 102017217023	B60W 30/18	(72) HELLGREN, Jonas
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G06F 3/041	(87) EP2017000157	(11) EP3670249
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(47) 20.07.2022	(54) ELECTRONIC BRAKING SYSTEM FOR	(22) 19.12.2019
(22) 09.05.2017	A TRAILER VEHICLE	(54) RAILWAY VEHICLE COMPRISING
(54) A METHOD FOR CONTROLLING	(73) ZF CV Systems Europe BV	A HORIZONTAL PLATFORM
VEHICLE FUNCTIONALITIES	(72) STENDER, Axel	COMPRISING A PLURALITY OF
(73) Volvo Car Corporation	RISSE, Rainer	ELEMENTS FOR ATTACHING SEAT
(72) Göthlin, Mr. Jonas	(31) 102016003356	MODULES
Persson, Mr. Sven-Olof	(32) 18.03.2016	(73) SNCF Voyageurs
(51) B60L 3/00	(33) Germany	(72) FEGER, Etienne
B60L 15/20	(51) B60L 15/20	GOERES, David
(11) EP3805037	B60L 15/10	(31) 1873774
(21) EP20201157.3	B60W 10/08	(32) 21.12.2018
(47) 20.07.2022	B60W 30/02	(33) France
(22) 09.10.2020	B60W 30/18	(51) B60N 2/28
	B60W 40/107	B60R 22/10

B60R 22/48	(87) EP2019064646	(51) B60R 9/048
(11) EP3733446	12.12.2019	B60R 9/10
(21) EP19172415.2	(22) 05.06.2019	(11) EP3844029
(47) 20.07.2022	(54) LOADING ARM ARRANGEMENT FOR	(21) EP19779573.5
(22) 02.05.2019	A LOAD CHANGING VEHICLE FOR	(47) 20.07.2022
(54) CHILD SAFETY SEAT WITH A	LOADING ISO CONTAINERS AND FOR	(87) IB2019056901
MOTORIZED HARNESS BELT	LOADING TRANSPORT CONTAINERS	05.03.2020
TENSIONER	HAVING A HOOK	(22) 14.08.2019
(73) BRITAX RÖMER Kindersicherheit GmbH	(73) The Dynamic Engineering Solution Pty	(54) GRIPPING ARM FOR A BICYCLE
(72) FRANK, Richard	Ltd	CARRIER WITH A RATCHETING
CONRAD, Janis	(72) BROWNE, James	MECHANISM
(51) B60N 2/427	FIORINOTTO, Oscar	(73) Thule Sweden AB
B60N 2/16	NEWSTEAD, Michael	(72) SETTELMAYER, Joseph
B60N 2/22	(31) 102018113510	(31) 201816116560
B60N 2/42	(32) 06.06.2018	(32) 29.08.2018
(11) EP3414126	(33) Germany	(33) United States of America
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(47) 20.07.2022	(11) EP2756990	B60J 5/04
(87) EP2016071634	(21) EP14151043.8	(11) EP3585653
17.08.2017	(47) 20.07.2022	(21) EP18706820.0
(22) 14.09.2016	(22) 14.01.2014	(47) 20.07.2022
(54) DEVICE FOR INFLUENCING A	(54) Headlight	(87) FR2018050346
BACKWARD MOVEMENT OF A SEAT	(73) Ford Global Technologies, LLC	30.08.2018
AND SEAT	(72) Marik, Manfred	(22) 13.02.2018
(73) Adient US LLC	Ott, Julian	(54) PROTECTIVE ELEMENT FOR A DOOR
(72) SCHÜLER, Rolf	Sipido, Antje	AND ARRANGEMENT OF SUCH AN
DEMIRCI, Oezkan	(31) 102013200975	ELEMENT ON A VEHICLE
ECKENROTH, Dirk	(32) 22.01.2013	(73) Renault s.a.s
(31) 102016201843	(33) Germany	(72) AHDADA, Kahlid
(32) 08.02.2016	(51) B60Q 1/14	LABET, Gregory
(33) Germany	B60Q 11/00	COULLEBAUD, Christophe
(51) B60N 2/68	F21W 102/145	(31) 1770180
B60N 2/42	H05B 45/10	(32) 24.02.2017
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(47) 20.07.2022	(21) EP18196583.1	(11) EP3814175
(87) EP2019079045	(47) 20.07.2022	(21) EP19734791.7
30.04.2020	(22) 25.09.2018	(47) 20.07.2022
(22) 24.10.2019	(54) APPARATUS AND METHOD FOR	(87) EP2019067466
(54) FRAME FOR A VEHICLE SEAT,	CONTROLLING ADB-MODE VEHICLE	02.01.2020
VEHICLE SEAT FOR A MOTOR	HEADLAMP	(22) 28.06.2019
VEHICLE	(73) STANLEY ELECTRIC CO., LTD.	(54) ELECTRICAL SYSTEM PARTICULARLY
(73) VOLKSWAGEN	(72) UCHIDA, Mitsuhiro	FOR A MOTOR VEHICLE
AKTIENGESELLSCHAFT	WARAGAYA, Takeshi	(73) VALEO EQUIPEMENTS ELECTRIQUES
(72) HAGEN, Stefan	(31) 2017183569	MOTEUR
NAVARRO PEREZ, Daniel	(32) 25.09.2017	(72) IHADDADEN, Hafid
PACHONICK, Alexander	(33) Japan	FILIFE, Raphael
GRESENS, Annett	(51) B60Q 1/56	DOMENGER, Laurent
ZIMMERMANN, Björn	B60Q 1/00	(31) 1855909
(31) 102018218292	B62J 15/02	(32) 28.06.2018
(32) 25.10.2018	B62J 6/04	(33) France
(33) Germany	F21S 45/10	(51) B60R 16/037
(51) B60N 2/75	F21S 43/19	B60R 25/24
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(21) EP20207454.8	F21W 103/50	(21) EP21701272.3
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(22) 13.11.2020	(21) EP18191775.8	(87) EP2021050987
(54) FURNISHING EQUIPMENT	(47) 20.07.2022	26.08.2021
(73) GRAMMER AG	(22) 30.08.2018	(22) 19.01.2021
(72) Nuss, Ralph	(54) LICENSE PLATE LIGHT ATTACHING	(54) SYSTEM AND METHOD FOR
(31) 102019133258	STRUCTURE	DETERMINING A TIME AT WHICH A
(32) 05.12.2019	(73) HONDA MOTOR CO., LTD.	VEHICLE FUNCTION OF A VEHICLE IS
(33) Germany	(72) MOGI, Akira	BROUGHT INTO USE
(51) B60P 1/48	MAEDA, Rui	(73) Audi AG
B60P 1/64	SATO, Atsuki	(72) RUF, Markus
(11) EP3802212	(31) 2017167739	STAUB, Hannah
(21) EP19729504.1	(32) 31.08.2017	(31) 102020104590
(47) 20.07.2022	(33) Japan	(32) 21.02.2020

(33) Germany	(54) SIDE AIRBAG WITH ACCORDION PELVIS FOLD	(54) ADAPTIVE PRESSURE SKID CONTROL
(51) B60R 19/48	(73) Autoliv ASP, Inc.	(73) Goodrich Corporation
H01Q 1/02	(72) WISCOMBE, Derek John	(72) GEORGIN, Marc
H01Q 1/32	DINSDALE, Charles Paul	(31) 201615075601
(11) EP3880522	HOLIDAY, Andrew Lawrence	(32) 21.03.2016
(21) EP19802187.5	PARKER, Don Larry	(33) United States of America
(47) 20.07.2022	WHEELWRIGHT, Terry Alan	
(87) EP2019081569	DEVEY, Christine Elizabeth	(51) B60T 8/17
22.05.2020	(31) 201715832128	B60T 17/18
(22) 18.11.2019	(32) 05.12.2017	F16D 67/06
(54) MULTI-LAYER MOTOR VEHICLE EXTERIOR PART COMPRISING A HEATING ELEMENT	(33) United States of America	B60T 13/74
(73) Compagnie Plastic Omnium	(51) B60S 1/52	B60L 7/26
(72) STABLO, Frédéric	B60S 1/66	B60L 15/20
(31) 1871581	B05B 1/10	A01D 34/00
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	(47) 20.07.2022	A01D 34/64
(51) B60R 21/015	(87) CN2019093480	A01D 34/78
B60N 2/00	30.01.2020	(11) EP3470280
B60W 40/08	(22) 28.06.2019	(21) EP18175560.4
B60K 37/06	(54) DEVICE AND METHOD FOR QUICKLY ADJUSTING VEHICLE GLASS WATER NOZZLE	(47) 20.07.2022
B60W 60/00	(73) Guangzhou Chengxing Zhidong Motors Technology Co., Ltd.	(22) 01.06.2018
B60W 50/08	Guangzhou Xiaopeng Motors Technology Co., Ltd.	(54) ELECTRIC TRAVELLING VEHICLE AND GRASS MOWER
B60K 35/00	(72) HUANG, Jinteng	(73) Kubota Corporation
(11) EP3452339	FENG, Yanlong	(72) MATSUDA, Kazuaki
(21) EP17792994.0	LUO, Mingjun	MANJI, Yasuhiro
(47) 20.07.2022	(31) 201810834349	ITO, Hirokazu
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(22) 19.04.2017	(51) B60S 5/04	(32) 26.10.2017
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HILNBRAND, Brian R.	(54) AUTOMATED AND INTERACTIVE SYSTEM FOR INFLATING THE TYRES OF A VEHICLE	(51) B60T 8/88
PENDLETON, Nathan, A.	(73) Norauto International	(11) EP3623235
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(32) 04.05.2016	CHAVATTE, Franck	(22) 07.08.2019
(33) United States of America	(31) 1912322	(54) METHOD FOR OPERATING AN ASSISTANCE SYSTEM OF A MOTOR VEHICLE
(51) B60R 21/215	(32) 04.11.2019	(73) Audi AG
(11) EP3684653	(33) France	(72) Ernst, Herbert
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27.02.2020	(47) 20.07.2022	
(22) 17.05.2019	(22) 21.03.2018	(51) B60T 8/88
(54) COVERING OF AN AIRBAG	(54) AGRICULTURAL WORK VEHICLE	B62D 11/08
(73) K.L. Kaschier- und Laminier GmbH	(73) CLAAS Selbstfahrende Erntemaschinen GmbH	(11) EP3626555
(72) RORING, Albert	(72) Lahmann, Dirk	(21) EP18195300.1
SCHULZE WEHNINCK, Rembert	Silies, Andreas	(47) 20.07.2022
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(32) 24.08.2018	(32) 04.07.2017	(54) CONTROL ARCHITECTURE FOR ELECTRIFIED BRAKING AND ELECTRIFIED STEERING OF A VEHICLE
(33) Germany	(33) Germany	(73) KNORR-BREMSE Systeme für Nutzfahrzeuge GmbH
(51) B60R 21/237	(51) B60T 8/17	(72) Németh, Huba
B60R 21/16	B60T 8/32	Rapp, Tamás
B60R 21/20	(11) EP3225475	Kokrehel, Csaba
B60R 21/207	(21) EP17159232.2	
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B60R 21/231	(22) 03.03.2017	(11) EP3691942
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(54) PARKING BRAKE VALVE ASSEMBLY	(22) 30.06.2017	(33) Netherlands
(73) ZF CV Systems Europe BV	(54) VEHICLE CONTROL METHOD,	(51) B61D 15/06
(72) VAN THIEL, Julian	DEVICE, AND APPARATUS	B61D 17/06
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(11) EP3724050	XU, Songcen	(54) RAIL VEHICLE WITH SAFETY CAB
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(47) 20.07.2022	G05D 1/02	(72) Marggraf, Matthias
(87) FR2018053180	G08G 1/00	Kristensen, Julien
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(33) France	(51) B60W 50/04	CLOGGING DETECTION METHOD
(51) B60W 10/02	B60W 50/035	(73) ALSTOM Transport Technologies
B60W 10/11	B62D 5/04	(72) CHAUCHAT, Bertrand
B60W 30/09	B62D 6/00	AUDEMAR, Christophe
B60W 30/186	G07C 5/00	(31) 2001207
B60W 10/184	G07C 5/08	(32) 07.02.2020
B60W 30/18	G06F 3/06	(33) France
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CONTROLLING THE CREEPING	(22) 26.11.2014	(21) EP21161168.6
FUNCTION IN AN INDUSTRIAL	(54) VEHICULAR CONTROL DEVICE AND	(47) 20.07.2022
VEHICLE WITH AN AUTOMATED	VEHICLE CONTROL METHOD	(22) 08.03.2021
TRANSMISSION	(73) Mitsubishi Electric Corporation	(54) DEVICE FOR THE DISTRIBUTION
(73) Iveco S.p.A.	(72) FUJIMOTO, Chiaki	OF A FLOW OF AIR IN AT LEAST
(72) GENNARI, Paolo	ITSUJI, Tomoya	TWO AREAS OF A VEHICLE AND
ESILIATO, Antonio	(51) B60W 50/14	ASSOCIATED VEHICLE
STEINKELLNER, Oliver	(11) EP3444160	(73) ALSTOM Transport Technologies
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(33) Italy	(22) 28.01.2014	(32) 09.03.2020
(51) B60W 20/10	(54) A VEHICLE DRIVER FEEDBACK	(33) France
B60W 10/06	SYSTEM AND CORRESPONDING	(51) B61F 5/52
B60W 10/08	METHOD	B61B 13/08
B60W 10/26	(73) Volvo Truck Corporation	B60L 13/04
B60K 6/445	(72) ERIKSSON, Anders	(11) EP3778337
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(72) Hiroyuki, Takayanagi	(11) EP3873788	TRAIN
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B60W 40/02	(87) IB2019001061	ZHANG, Xiaojun
B60W 60/00	07.05.2020	ZHANG, Shuo
B60W 10/06	(22) 08.10.2019	LI, Yujiang
B60W 10/18	(54) FLEXIBLE COMBINED TRANSPORT OF	HU, Wenhao
B60W 10/20	PEOPLE AND FREIGHT	WANG, Guangying
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(47) 20.07.2022	Josephus	(31) 201810256170
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(51) B61K 11/00	22.08.2019	(31) 102018209158
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E03B 7/02	Japan	(33) Germany
E03B 7/12	(51) B62D 7/14	(51) B62D 21/11
E03C 1/10	B62D 5/00	(11) EP3689715
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(47) 20.07.2022	(21) EP20172481.2	(22) 08.02.2019
(22) 28.02.2020	(47) 20.07.2022	(54) AUXILIARY FRAME FOR A VEHICLE, IN PARTICULAR AN ELECTRIC VEHICLE
(54) SUPPLY DEVICE FOR MOBILE SANITARY CELLS	(22) 30.04.2020	(73) Autotech Engineering Deutschland GmbH
(73) Vogelsang GmbH & Co. KG	(54) STEERING ASSEMBLY, VEHICLE AND METHOD	(72) Friesen, Viktor
(72) Priebe, Alexander	(73) ME Mobil-Elektronik GmbH	Haselhorst, Kai
Varel, Andreas	(72) Klugesherz, Klaus	(31) 102019000648
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(47) 20.07.2022	(21) EP17187692.3	(21) EP20151091.4
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(54) A REACH ADJUSTABLE STEERING COLUMN ASSEMBLY	(73) Dana Heavy Vehicle Systems Group, LLC	(73) MAN Truck & Bus SE
(73) ZF Automotive Germany GmbH	(72) STOYCHEV, Stoyan I.	(72) Burger, Norbert
TRW Limited	PASSERO, Anthony N.	Hintereder, Jürgen
(72) DAVIES, Niclas	(31) 201662378920 P	Haag, Jens
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B62D 5/04	G05D 1/02	(51) B62D 25/04
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Schöttler, Frank	(72) Großjohann, Simon	(73) JFE Steel Corporation
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(54) STEERING DEVICE AND METHOD FOR DETECTING ANOMALY IN STEERING DEVICE	(21) EP19727613.2	(51) B62D 25/08
(73) JTEKT CORPORATION	(47) 20.07.2022	B62D 21/11
(72) KONDO, Yoshio	(87) EP2019063452	(11) EP3613657
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C09D 175/04	DISPERSANT MADE VIA AN	C08L 83/12
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F02K 1/70	DURING WIND GUSTS	(72) NANUKUTTAN, Biju
F02K 1/76	(73) General Electric Company	PAL, Sujana Kumar
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(72) STOYANOV, Deyan	(72) OGER, Eric	(72) MURRAY, Tony
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OGAWA, Yoshihiro		(51) F04D 25/06
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RELEASED ACCELERATOR PEDAL	KASAHARA, Hidetoshi	(72) FAULKNER, Dale V. L.
IN A DRIVETRAIN PROVIDED WITH	HOSOE, Takeshi	PEACOCK, Paul
A DUAL-CLUTCH, SERVO-ASSISTED	INOUE, Hideyuki	(51) F16L 37/091
TRANSMISSION	KATORI, Hikaru	

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F01M 1/16	DIOXIDE ENERGY STORAGE IN A	ILLUMINATION ASSEMBLY, AND
F01C 21/10	POWER GENERATION SYSTEM	ILLUMINATION LAMP FOR ROAD
F04C 14/22	(73) General Electric Company	ILLUMINATION
F04C 2/344	(72) MCDERMOTT, John Brian	(73) Tunghsu Optoelectronic Technology Co.,
F04C 15/00	SANBORN, Stephen	Ltd.
F01M 1/02	SPIRY, Irina Pavlovna	Huzhou Mingshuo Optoelectronic
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METHOD FOR PRODUCING SAME	F21W 102/155	DEVICE OF A MOTOR VEHICLE
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(72) LIN, Yu-Min	B60Q 1/00	TREURNIET, Theodoor, Cornelis
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(73) Heatcraft Refrigeration Products LLC	Becke, Christoph	BAUMAN, Noel C.
(72) ZHA, Shitong	Cizik, Herbert	RAWLS, Nathan C.
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(73) Hap2u	(73) Y Soft Print Management Solutions, a.s.	DRYSDALE, Tracy, Garrett
(72) VEZZOLI, Eric	(72) KRAJICEK, Ondrej	GOPAL, Vinodh
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G06F 9/50	GASPARAKIS, Iosif	(73) NEC Corporation
(11) EP3662368	CONNOR, Patrick	(72) ISHII Satoru
(21) EP18847032.2	TAMIR, Eliezer	HASEGAWA Hideo
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(22) 16.08.2018	(51) G06F 9/455	(32) 31.03.2016
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(73) Micron Technology, Inc.	DIFFERENTIAL PHYSICAL VOLTAGE	Krauss, Gavriel
(72) PAWLOWSKI, J. Thomas	AND/OR CURRENT LEVELS	(72) FOX, Harry
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OBJECT STORAGE DURING BACKUP	G06F 13/40	ZHANG, Zheren
OPERATIONS	(11) EP2972920	IVEY, Graham
(73) EMC IP Holding Company LLC	(21) EP14767978.1	MEIYYAPPAN, Krishnan
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(73) Clearvue Technologies Ltd	(11) EP3341980	ERHARD, Philipp
(72) LYFORD, Jamie	(21) EP16765934.1	BAUER, Jürgen
(31) 2017905143	(47) 20.07.2022	VOLLKOMMER, Frank
(32) 21.12.2017	(87) EP2016070162	(31) 102012207172
(33) Australia	09.03.2017	(32) 30.04.2012
(51) H01L 31/18	(22) 26.08.2016	(33) Germany
(11) EP3955323	(54) LAYER AND METHOD FOR THE	(51) H01L 51/54
(21) EP20193544.2	PRODUCTION THEREOF	(11) EP3565017
(47) 20.07.2022	(73) CeramTec GmbH	(21) EP17886970.7
(22) 31.08.2020	(72) SCHMIDT, Tobias	(47) 20.07.2022
(54) METHOD AND APPARATUS FOR	SCHUBERT, Michael	(87) JP2017046722
MANUFACTURING SEMICONDUCTOR	MOOS, Ralf	05.07.2018
SHEET ASSEMBLY	SCHREINER, Hans-Jürgen	(22) 26.12.2017
(73) JINKO SOLAR CO., LTD	EINHELLINGER-MÜLLER, Tanja	(54) ELECTROCHEMICAL LIGHT EMITTING
Zhejiang Jinko Solar Co., Ltd.	(31) 102016200038	CELL
(72) WANG, Luchuang	102015221576	(73) Nisshinbo Holdings Inc.
ZHANG, Xueming	102015216312	Japan Advanced Institute of Science and
BAI, Yang	(32) 05.01.2016	Technology
GUO, Zhiqiu	04.11.2015	(72) MURATA Hideyuki
TAO, Wusong	26.08.2015	YUYAMA Kanako
(31) 202010793095	(33) Germany	TAKAGI Manato
(32) 10.08.2020	Germany	SUZUKI Takato
(33) China	Germany	MASUDA Gen
(51) H01L 33/08	(51) H01L 43/08	(31) 2016254053
H01L 33/16	H01L 43/10	(32) 27.12.2016
H01S 5/20	H01L 43/12	(33) Japan
H01S 5/11	H01L 27/22	(51) H01L 51/54
H01L 33/32	(11) EP3584849	(11) EP3675193
G03B 21/20	(21) EP19173097.7	(21) EP19218119.6
H01S 5/183	(47) 20.07.2022	(47) 20.07.2022
H01S 5/343	(22) 07.05.2019	(22) 19.12.2019
(11) EP3719857	(54) PERPENDICULAR SPIN TRANSFER	(54) ORGANIC LIGHT EMITTING DIODE
(21) EP20166720.1	TORQUE DEVICES WITH IMPROVED	AND ORGANIC LIGHT EMITTING
(47) 20.07.2022	RETENTION AND THERMAL STABILITY	DEVICE INCLUDING THE SAME
(22) 30.03.2020	(73) Intel Corporation	(73) LG Display Co., Ltd.
	(72) OUELLETTE, Daniel	Heesung Materials Co., Ltd.
	SMITH, Angeline	(72) NO, Young-Seok

KIM, Woo-Sam	Doi, Shuuichi	(51) H01M 4/38
HAM, Hyo-Kyun	Kataoka, Yuji	H01M 4/134
KANG, Hye-Seung	Yano, Takayuki	H01M 4/36
KIM, Dong-Jun	Kihara, Masaru	H01M 4/485
KIM, Do-Han	Yamazaki, Takashi	H01M 4/62
(31) 20180172141	Yasuoka, Shigekazu	H01M 4/131
(32) 28.12.2018	(31) 2016024991	H01M 4/1391
(33) Korea (Republic)	(32) 12.02.2016	H01M 4/1395
(51) H01M 4/131	(33) Japan	H01M 4/02
H01M 4/36	(51) H01M 4/36	H01M 10/0525
H01M 4/62	C01G 53/00	(11) EP3869593
H01M 4/66	H01M 4/505	(21) EP19872535.0
H01M 10/052	H01M 4/525	(47) 20.07.2022
H01M 4/02	H01M 10/0525	(87) JP2019040800
(11) EP3654418	H01M 4/131	23.04.2020
(21) EP19177479.3	H01M 4/485	(22) 17.10.2019
(47) 20.07.2022	(11) EP3817102	(54) NEGATIVE ELECTRODE ACTIVE
(22) 30.05.2019	(21) EP19867335.2	MATERIAL FOR NONAQUEOUS
(54) A BATTERY	(47) 20.07.2022	ELECTROLYTE SECONDARY
(73) Contemporary Amperex Technology Co., Limited	(87) CN2019107909	BATTERY, NEGATIVE ELECTRODE, AND NONAQUEOUS ELECTROLYTE SECONDARY BATTERY
(72) JIN, Haizu	02.04.2020	(73) Panasonic Intellectual Property Management Co., Ltd.
ZHANG, Xiaowen	(22) 25.09.2019	(72) OKAZAKI, Keita
LI, Zhenhua	(54) POSITIVE ELECTRODE ACTIVE MATERIAL AND PREPARATION METHOD THEREFOR, ELECTROCHEMICAL CELL, BATTERY MODULE, BATTERY PACK, AND APPARATUS	YAMAMOTO, Norihisa
(31) 201811367999	(73) Contemporary Amperex Technology Co., Limited	(31) 2018196954
(32) 16.11.2018	(72) HE, Jinhua	(32) 18.10.2018
(33) China	WU, Qi	(33) Japan
(51) H01M 4/134	Ji, Changyin	(51) H01M 8/1213
H01M 4/62	(31) 201811124179	H01M 8/1246
H01M 10/42	(32) 26.09.2018	H01M 4/86
H01M 10/052	(33) China	H01M 4/90
H01M 4/38	(51) H01M 4/36	(11) EP3641039
(11) EP3745506	H01M 4/38	(21) EP19202680.5
(21) EP19877644.5	H01M 4/58	(47) 20.07.2022
(47) 20.07.2022	H01M 4/62	(22) 11.10.2019
(87) KR2019014641	H01M 10/052	(54) MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL
07.05.2020	H01M 4/04	(73) Panasonic Intellectual Property Management Co., Ltd.
(22) 31.10.2019	H01M 4/13	(72) KUROHA, Tomohiro
(54) LITHIUM ELECTRODE AND LITHIUM SECONDARY BATTERY COMPRISING SAME	H01M 4/136	MURASE, Hideaki
(73) LG Energy Solution, Ltd.	H01M 4/139	TAKEUCHI, Kaori
(72) JANG, Minchul	H01M 4/1397	NUNOO, Kosuke
PARK, Eunkyung	H01M 4/02	(31) 2018196906
JUNG, Bora	(11) EP3435452	(32) 18.10.2018
YOUN, Suk Il	(21) EP18764724.3	(33) Japan
SON, Byoungkuk	(47) 20.07.2022	(51) H01M 8/247
(31) 20180131652	(87) KR2018002496	H01M 8/2475
(32) 31.10.2018	13.09.2018	H01M 8/04014
(33) Korea (Republic)	(22) 28.02.2018	H01M 8/04089
(51) H01M 4/32	(54) CARBON-SULFUR COMPLEX, METHOD FOR PRODUCING SAME, AND CATHODE AND LITHIUM-SULFUR BATTERY COMPRISING SAME	H01M 8/1018
C01G 53/04	(73) Sogang University Research Foundation	(11) EP2277222
H01M 4/36	LG Energy Solution, Ltd.	(21) EP09732618.5
H01M 4/52	(72) YANG, Seungbo	(47) 20.07.2022
C01G 51/04	YANG, Doo Kyung	(87) EP2009054683
H01M 4/50	CHO, Eunkyung	22.10.2009
H01M 10/30	SOHN, Kwonnam	(22) 20.04.2009
(11) EP3206243	GUEON, Donghee	(54) FUEL CELL SYSTEM
(21) EP17155397.7	MOON, Jun Hyuk	(73) adKor GmbH
(47) 20.07.2022	(31) 20170029004	(72) LEU, Christian
(22) 09.02.2017	(32) 07.03.2017	HIERL, Andreas
(54) USE OF A POSITIVE ELECTRODE ACTIVE MATERIAL IN AN ALKALINE SECONDARY BATTERY	(33) Korea (Republic)	ARAS, Özer
(73) FDK Corporation		HEROLD, Patrice
FUJITSU LIMITED		(31) 102008020762
(72) Ito, Takeshi		(32) 18.04.2008
Imoto, Yuzo		(33) Germany

(51) H01M 10/04	H02J 7/00	(11) EP3555933
H01M 50/103	(11) EP3698658	(21) EP17880519.8
(11) EP3800696	(21) EP17929279.2	(47) 20.07.2022
(21) EP19904572.5	(47) 20.07.2022	(87) US2017066966
(47) 20.07.2022	(87) JP2017037755	21.06.2018
(87) CN2019129624	25.04.2019	(22) 18.12.2017
02.07.2020	(22) 18.10.2017	(54) BATTERY PACK INTERFACE
(22) 28.12.2019	(54) INHALATION COMPONENT	(73) Milwaukee Electric Tool Corporation
(54) SECONDARY BATTERY, BATTERY	GENERATION DEVICE AND	(72) ROSSETTO, Paul
MODULE AND ELECTRIC VEHICLE	INHALATION COMPONENT	MARX, John, G.
(73) Contemporary Amperex Technology Co.,	GENERATION SYSTEM	RADOVICH, Kyle, J.
Limited	(73) Japan Tobacco Inc.	SCHULZ, Cameron, R.
(72) HU, Fei	(72) YAMADA, Manabu	SCHWALBACH, David, M.
YANG, Rui	FUJITA, Hajime	CARLSON, Mitchell
SHI, Dongyang	AKAO, Takeshi	(31) 201762463427 P
CHEN, Ning	(51) H01M 10/0567	201662435443 P
LI, Zhenhua	H01M 10/0525	(32) 24.02.2017
JIN, Haizu	H01G 11/64	16.12.2016
CHEN, Yuanbao	H01G 11/62	(33) United States of America
(31) 201822269903 U	H01G 11/60	United States of America
(32) 29.12.2018	H01G 9/20	(51) H01M 10/42
(33) China	H01G 11/06	H01M 10/48
(51) H01M 10/04	H01M 4/66	H01M 10/04
H01M 50/20	H01M 10/0568	H01M 10/0565
(11) EP3726611	H01M 10/0569	H01M 10/0562
(21) EP19193542.8	(11) EP3849009	H01M 50/202
(47) 20.07.2022	(21) EP21159886.7	H01M 50/233
(22) 26.08.2019	(47) 20.07.2022	H01M 50/247
(54) BATTERY MODULE AND BATTERY	(22) 16.06.2017	H01M 50/284
PACK	(54) ELECTROLYTE SOLUTION,	H01M 50/10
(73) Contemporary Amperex Technology Co.,	ELECTROCHEMICAL DEVICE,	H01M 50/543
Limited	SECONDARY BATTERY, AND MODULE	(11) EP3353846
(72) HOU, Yujia	(73) DAIKIN INDUSTRIES, LTD.	(21) EP16849202.3
YOU, Shubing	(72) Arima, Hiroyuki	(47) 20.07.2022
YAO, Jihua	Kinoshita, Shinichi	(87) US2016046261
(31) 201920528556 U	Takahashi, Kenzou	30.03.2017
(32) 18.04.2019	Sakata, Hideo	(22) 10.08.2016
(33) China	Yamazaki, Shigeaki	(54) SMART BATTERY WITH INTEGRATED
(51) H01M 10/04	(31) 2016144389	SENSING AND ELECTRONICS
H01M 50/54	(32) 22.07.2016	(73) Intel Corporation
H01M 50/105	(33) Japan	(72) KEATES, Andrew W.
H01M 50/178	(51) H01M 10/0569	PONTARELLI, Mark C.
H01M 50/548	H01M 10/0567	PEEK, Gregory A.
H01M 50/553	H01M 10/0525	IYER, Ravishankar
H01M 50/536	H01M 10/42	CANFIELD, Dwayne E.
H01M 50/557	H01M 4/505	(31) 201514866286
(11) EP3540840	H01M 4/525	(32) 25.09.2015
(21) EP18777879.0	H01M 10/0568	(33) United States of America
(47) 20.07.2022	(11) EP3836281	(51) H01M 10/48
(87) KR2018003281	(21) EP19864523.6	G01R 31/387
04.10.2018	(47) 20.07.2022	G01R 31/392
(22) 21.03.2018	(87) CN2019108607	H01M 10/44
(54) POUCH TYPE SECONDARY BATTERY	02.04.2020	H02J 7/04
HAVING STRUCTURE FOR CHANGING	(22) 27.09.2019	H01M 10/42
BIDIRECTIONAL CELL INTO	(54) NON-AQUEOUS ELECTROLYTE,	H02J 7/00
UNIDIRECTIONAL CELL	LITHIUM-ION BATTERY, BATTERY	H01M 10/0525
(73) LG Energy Solution, Ltd.	MODULE, BATTERY PACK AND	(11) EP3819977
(72) PARK, Jong Pil	DEVICE	(21) EP19846588.2
CHUNG, Geun Chang	(73) Contemporary Amperex Technology Co.,	(47) 20.07.2022
KO, Yo Han	Limited	(87) JP2019030522
JEONG, Won Seok	(72) CHEN, Peipei	13.02.2020
(31) 20170039261	FENG, Junmin	(22) 02.08.2019
(32) 28.03.2017	FU, Chenghua	(54) DEGRADATION DETERMINATION
(33) Korea (Republic)	LIANG, Chengdu	SYSTEM AND DEGRADATION
(51) H01M 10/052	(31) 201811140346	DETERMINATION METHOD FOR
H01M 10/44	(32) 28.09.2018	SECONDARY BATTERY
A24F 40/53	(33) China	(73) Minebea Mitsumi Inc.
A24F 40/90	(51) H01M 10/42	(72) MASUDA, Shigemi

TSUJI, Naoki	C09K 3/10	(73) Samsung SDI Co., Ltd.
(31) 2018147713	(11) EP3675206	(72) JANG, Myungjae
(32) 06.08.2018	(21) EP19208750.0	BYUN, Sangwon
(33) Japan	(47) 20.07.2022	(31) 20160104880
(51) H01M 10/613	(22) 13.11.2019	(32) 18.08.2016
H01M 10/6556	(54) BATTERY PLUG	(33) Korea (Republic)
H01M 10/6568	(73) Frötek- Vermögensverwaltung GmbH	(51) H01P 1/203
H01M 10/6554	(72) Koch, Thomas	H01P 11/00
H01M 10/625	(31) 102018010001	(11) EP3853943
H01M 50/20	(32) 27.12.2018	(21) EP19765712.5
(11) EP3249738	(33) Germany	(47) 20.07.2022
(21) EP17172605.2	(51) H01M 50/20	(87) EP2019073842
(47) 20.07.2022	(11) EP3565023	26.03.2020
(22) 24.05.2017	(21) EP18784544.1	(22) 06.09.2019
(54) BATTERY MODULE	(47) 20.07.2022	(54) DC-CAPABLE CRYOGENIC
(73) Samsung SDI Co., Ltd.	(87) KR2018003869	MICROWAVE FILTER WITH REDUCED
(72) Kim, Hanho	18.10.2018	KAPITZA RESISTANCE
(31) 20160064324	(22) 02.04.2018	(73) International Business Machines
(32) 25.05.2016	(54) DRAWER TYPE BATTERY PACK	Corporation
(33) Korea (Republic)	(73) LG Energy Solution, Ltd.	(72) GUMANN, Patryk
(51) H01M 10/6554	(72) CHI, Ho-June	OLIVADESE, Salvatore, Bernardo
H01M 10/613	MUN, Jeong-O	(31) 201816136956
H01M 10/6556	LEE, Yoon-Koo	(32) 20.09.2018
H01M 50/20	SEO, Sung-Won	(33) United States of America
H01M 10/04	KANG, Dal-Mo	(51) H01P 3/16
(11) EP3772122	(31) 20170048650	(11) EP3497743
(21) EP19189508.5	(32) 14.04.2017	(21) EP17751223.3
(47) 20.07.2022	(33) Korea (Republic)	(47) 20.07.2022
(22) 01.08.2019	(51) H01M 50/417	(87) US2017045203
(54) BATTERY MODULE WITH A	H01M 50/457	15.02.2018
MULTIFUNCTIONAL END-PLATE	H01M 50/411	(22) 03.08.2017
(73) Samsung SDI Co., Ltd.	H01M 50/449	(54) DIELECTRIC GROOVE WAVEGUIDE
(72) Rath, Helmut	H01M 10/0525	(73) Microsoft Technology Licensing, LLC
(51) H01M 10/6568	B01D 69/12	(72) LILJA, Juha
F01P 3/00	B01D 71/26	(31) 201615233917
H01M 10/6569	(11) EP3375026	(32) 10.08.2016
H01M 10/6557	(21) EP16865068.7	(33) United States of America
H01M 10/613	(47) 20.07.2022	(51) H01P 5/02
H01M 10/6567	(87) US2016061510	(11) EP3525282
H01M 10/659	18.05.2017	(21) EP19153509.5
F28D 1/047	(22) 11.11.2016	(47) 20.07.2022
F28D 20/02	(54) MICROLAYER MEMBRANES,	(22) 24.01.2019
F28D 20/00	IMPROVED BATTERY SEPARATORS,	(54) SIGNAL HANDLING DEVICE
F28F 1/02	AND METHODS OF MANUFACTURE	INCLUDING MULTIPLE SUBSTRATE
F28F 9/02	AND USE	LAYERS
(11) EP3520166	(73) Celgard, LLC	(73) Aptiv Technologies Limited
(21) EP17787218.1	(72) KONDO, Takahiko	(72) FOROOZESH, Alireza
(47) 20.07.2022	XIAO, Kang, Karen	SHI, Shawn
(87) FR2017052609	NARK, Robert	PURDEN, George, J
05.04.2018	STOKES, Kristoffer, K.	(31) 201815934126
(22) 27.09.2017	PENEGAR, Eric, Joseph	201862628038 P
(54) THERMAL REGULATION DEVICE	ZHANG, Xiaomin	(32) 23.03.2018
(73) Valeo Systemes Thermiques	WHITE, Eric, Robert	08.02.2018
(72) BLANDIN, Jérémy	(31) 201562253932 P	(33) United States of America
AZZOUZ, Kamel	(32) 11.11.2015	United States of America
SERVANTIE, Ambroise	(33) United States of America	(51) H01P 5/02
TISSOT, Julien	(51) H01M 50/471	H01Q 1/24
TRAORE, Issiaka	H01M 50/474	H01Q 21/08
BOISSELLE, Patrick	H01M 10/0587	H01R 24/38
BRY, Samuel	H01M 50/342	H01R 9/16
(31) 1659103	H01M 10/0525	H01Q 3/30
1659101	(11) EP3503250	H01P 5/18
(32) 27.09.2016	(21) EP17841609.5	H01P 3/06
27.09.2016	(47) 20.07.2022	H01P 1/18
(33) France	(87) KR2017006911	H01R 9/05
France	22.02.2018	H01Q 3/32
(51) H01M 50/186	(22) 29.06.2017	H01Q 21/26
H01M 50/193	(54) RECHARGEABLE BATTERY	(11) EP3350879

(21) EP16846959.1	(21) EP18904464.7	(31) 1759284
(47) 20.07.2022	(47) 20.07.2022	(32) 04.10.2017
(87) SE2016050864	(87) KR2018011374	(33) France
23.03.2017	08.08.2019	(51) H01Q 5/371
(22) 15.09.2016	(22) 27.09.2018	H01Q 5/378
(54) ANTENNA FEEDING NETWORK	(54) APPARATUS AND METHOD FOR	H01Q 9/42
COMPRISING AT LEAST ONE	PERFORMING ANTENNA FUNCTION	H01Q 13/10
HOLDING ELEMENT	BY USING USB CONNECTOR	(11) EP3872928
(73) Cellmax Technologies AB	(73) Samsung Electronics Co., Ltd.	(21) EP20215850.7
(72) YMAN, Niclas	(72) PARK, Hyun Ku	(47) 20.07.2022
JONSSON, Stefan	JEONG, Jae Cheon	(22) 19.12.2020
NORDSTRÖM, Andreas	(31) 20180011161	(54) MULTIBAND ANTENNA
KARLSSON, Dan	(32) 30.01.2018	(73) JAPAN AVIATION ELECTRONICS
(31) 1551185	(33) Korea (Republic)	INDUSTRY, LIMITED
(32) 15.09.2015	(51) H01Q 1/24	(72) TOYAO, Hiroshi
(33) Sweden	H01Q 9/42	TSUCHIYA, Kento
(51) H01P 7/08	H01Q 9/04	(31) 2020030284
H01P 5/02	H01Q 9/26	(32) 26.02.2020
G06N 10/00	H01Q 9/32	(33) Japan
H01L 23/48	(11) EP3506422	(51) H01Q 21/28
H01L 27/18	(21) EP18197534.3	H01Q 21/26
B82Y 10/00	(47) 20.07.2022	H01Q 9/28
H01L 23/522	(22) 28.09.2018	H01Q 25/00
H01L 23/00	(54) ANTENNA ASSEMBLY AND	H01Q 5/48
(11) EP3718166	ELECTRONIC APPARATUS	H01Q 5/42
(21) EP18778899.7	(73) GUANGDONG OPPO MOBILE	H01Q 1/24
(47) 20.07.2022	TELECOMMUNICATIONS CORP., LTD.	H01Q 15/14
(87) EP2018076101	(72) WU, Qing	H01Q 1/42
06.06.2019	TANG, Haijun	H01Q 21/24
(22) 26.09.2018	LIU, Huanhong	(11) EP3649701
(54) BUMPED RESONATOR STRUCTURE	LIU, Guolin	(21) EP18828700.7
(73) International Business Machines	(31) 201711499681	(47) 20.07.2022
Corporation	201721928957 U	(87) US2018030606
(72) GAMBETTA, Jay	(32) 29.12.2017	10.01.2019
CORCOLES-GONZALEZ, Antonio	29.12.2017	(22) 02.05.2018
ROSENBLATT, Sami	(33) China	(54) BASE STATION ANTENNAS HAVING
SOLGUN, Firat	China	RADIATING ELEMENTS WITH
BRINK, Markus	(51) H01Q 1/24	SHEET METAL-ON DIELECTRIC
(31) 201715827729	H01Q 13/10	DIPOLE RADIATORS AND RELATED
(32) 30.11.2017	(11) EP3422472	RADIATING ELEMENTS
(33) United States of America	(21) EP18180990.6	(73) Commscope Technologies LLC
(51) H01Q 1/16	(47) 20.07.2022	(72) DUGGAL, Hemanshu
H01Q 1/24	(22) 29.06.2018	ISIK, Ozgur
(11) EP3506420	(54) METAL FRAME BODY AND TERMINAL	(31) 201762528611 P
(21) EP18201528.9	INCLUDING SAME, AND MOBILE	(32) 05.07.2017
(47) 20.07.2022	TERMINAL	(33) United States of America
(22) 19.10.2018	(73) Beijing Xiaomi Mobile Software Co., Ltd.	(51) H01R 4/2433
(54) ELECTRONIC DEVICE WITH	(72) SU, Yu Chuan	H01R 13/59
ADVANCED ANTENNA	KUANG, Wei	H01R 24/28
(73) GUANGDONG OPPO MOBILE	(31) 2017110527568	H01R 13/52
TELECOMMUNICATIONS CORP., LTD.	(32) 30.06.2017	H01R 4/2412
(72) WU, Qing	(33) China	(11) EP3560040
LIU, Guolin	(51) H01Q 3/44	(21) EP17830023.2
TANG, Haijun	(11) EP3692598	(47) 20.07.2022
LIU, Huanhong	(21) EP18793251.2	(87) IB2017058289
(31) 201711499643	(47) 20.07.2022	28.06.2018
201721927245 U	(87) FR2018052456	(22) 21.12.2017
(32) 29.12.2017	11.04.2019	(54) DEVICE FOR THE ELECTRICAL
29.12.2017	(22) 04.10.2018	INTERCONNECTION OF CABLES
(33) China	(54) ANTENNA WITH PARTIALLY	(73) Techno Group S.R.L.
China	SATURATED DISPERSIVE	(72) GALLI, Sandro
(51) H01Q 1/22	FERROMAGNETIC SUBSTRATE	(31) 201600130381
H01Q 1/46	(73) Université de Rennes I	(32) 22.12.2016
H01Q 1/52	TDF	(33) Italy
G06F 13/40	(72) KAVERINE, Evgueni	(51) H01R 4/40
G06F 13/42	COLOMBEL, Franck	H01R 4/48
H01R 24/60	HIMDI, Mohamed	(11) EP3350881
(11) EP3700027	PALUD, Sébastien	(21) EP16767208.8

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(87) EP2016071642	(21) EP20195621.6	(51) H01R 13/625
23.03.2017	(47) 20.07.2022	H01R 13/639
(22) 14.09.2016	(22) 11.09.2020	H01R 13/641
(54) TERMINAL CLAMP FOR CONNECTING AN ELECTRICAL CONDUCTOR	(54) ELECTRIC WIRE COVER	H01R 13/623
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(73) Electric Connector Technology Co. Ltd.	(72) WEBER, Jr., Wesley W.	(72) YOKOTA, Kiyoshi
(72) ZHANG, Sean	CAMPBELL, Jeffrey S.	ONO, Takayasu
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(73) Yazaki Corporation	(54) CABLE GRIP FOR HOUSING SYSTEM FOR ELECTRICAL CONNECTORS	(73) ROSENBERGER
(72) NAGASAKA, Naokazu	(73) Electro Expo Limited	HOCHFREQUENZTECHNIK GMBH & CO. KG
WATAI, Shoichi	(72) MOULE, Peter	(72) BLAKBORN, Willem
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(54) CONNECTOR, PLUG AND METHOD	(47) 20.07.2022	(22) 24.09.2019
FOR PRODUCING A PLUG	(22) 15.12.2020	(54) ELECTRICAL CIRCUIT
(73) Nexans	(54) SURFACE-EMITTING LASER DEVICE	ARRANGEMENT AND METHOD
(72) VÖLKL, Dietmar	AND METHOD FOR MANUFACTURING	FOR COUPLING AN INSULATION
RIEDEL, Richard	SURFACE-EMITTING LASER DEVICE	MONITORING DEVICE TO AN
(51) H01R 24/58	(73) Kyoto University	UNEARTHED POWER SUPPLY
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H01R 13/6587	(72) KOIZUMI, Tomoaki	(73) Bender GmbH & Co. KG
H01R 13/6594	NODA, Susumu	(72) REITZ, Julian
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(22) 26.03.2015	(54) DEVICE FOR POSITIONING, ON AN	DETERMINING THE LOCATION A
(54) THERMALLY EFFICIENT CONNECTOR	ELECTRICAL CONDUCTOR, A MEANS	FAULT ON A LINE OF AN ELECTRICAL
SYSTEM	FOR IMPLEMENTING A SYSTEM	ENERGY SUPPLY NETWORK
(73) Molex Incorporated	FOR GROUNDING SAID ELECTRICAL	(73) Siemens Aktiengesellschaft
(72) REGNIER, Kent E.	CONDUCTOR	(72) Jurisch, Andreas
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(73) Schleuniger AG	05.11.2015	(54) ELECTRICAL PROTECTION METHODS
(72) SWIRSKI, Detlef	(22) 17.04.2015	AND SYSTEMS
BÜGLER, Manuel	(54) ELECTRICAL EQUIPMENT TO BE	(73) Schneider Electric Industries SAS
KAMPMANN, Roland	INSERTED INTO AN ELECTRICAL BOX	(72) NEYRET, Yannick
	WITH AN ADJUSTABLE ORIENTATION	(31) 1903678

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(22) 17.04.2012	(22) 21.02.2017	(54) SYSTEM WITH SLEEP FUNCTION FOR
(54) Fault protection system for a power	(54) FUEL CELL POWER PLANT WITH	POWERING A POWER CONSUMPTION
system of dynamically positioned vessel	REAL AND REACTIVE POWER MODES	DEVICE OF BUILDING EQUIPMENT
(73) Siemens Energy AS	(73) Doosan Fuel Cell America, Inc.	(73) VKR Holding A/S
(72) Koenig, Gunnar	(72) PHILHOWER, Jason W.	(72) THOMSEN, Jan
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Blystad, Svein	(32) 04.03.2016	(51) H02J 7/00
Andersen, Rune B.	(33) United States of America	B60L 53/20
Radan, Damir	(51) H02J 3/00	B60L 58/20
Settemsdal, Stig Olav	H02J 9/06	H02M 3/335
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(22) 29.06.2018	AND SOURCE CHANGEOVER SWITCH	(22) 13.12.2019
(54) METHOD AND APPARATUS FOR	IMPLEMENTING SUCH A METHOD	(54) ON-BOARD CHARGING/DISCHARGING
ELECTRICALLY CONNECTING A	(73) Schneider Electric Industries SAS	SYSTEM AND CONTROL METHOD
TRANSFORMER TO AN ELECTRICAL	(72) NEREAU, Jean-Pierre	THEREOF
NETWORK	RET, Alain	(73) Delta Electronics (Shanghai) Co., Ltd.
(73) Wobben Properties GmbH	NEYRET, Yannick	(72) Sun, Hao
(72) DILL, Philipp Marco	HYPOLITE, Jean-Marie	Jia, Minli
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(32) 29.04.2015	OPERATING METHOD THEREOF	THE BATTERY CAPACITY OF
(33) United States of America	(73) Cummins Power Generation Ltd. (UK)	A SECONDARY BATTERY AND
(51) H02J 1/00	(72) PACIURA, Krzysztof	BATTERY-DRIVEN HOUSEHOLD
	ERNEST, Emil	ELECTRICAL APPLIANCE

(73) Braun GmbH	(54) GENERATOR STATORS AND METHODS OF MAKING GENERATOR STATORS	(54) Armature end insulator for a power tool motor
(72) Loth-Krausser, Hartmut Klemm, Torsten	(73) Hamilton Sundstrand Corporation	(73) Black & Decker Inc.
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(73) Infineon Technologies Austria AG	H02K 3/34	(73) Hamilton Sundstrand Corporation
(72) Prabhala, Venkata Anand	H02K 15/10	(72) PATEL, Dhaval
Schächer, Stephan	H01F 27/32	WILKINSON, Andrew R.
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(73) Braun GmbH	H02H 9/02	CONTROL IN MULTIPHASE VOLTAGE
(72) Ziegler, Frank	H02M 7/483	REGULATORS
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Kraus, Bernhard	(21) EP16189814.3	(72) Guo, Jinghong
Verstege, Thomas	(47) 20.07.2022	Ng, Tim M.
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(73) Huawei Technologies Co., Ltd.	Sharp Kabushiki Kaisha	(54) EXTENDED RANDOM ACCESS
(72) ZHANG, Jun	(72) LIU, Renmao	PREAMBLE IDENTIFIER FOR
QIAN, Xiangjiang	YAMADA, Shohei	ENHANCED RANDOM ACCESS
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YANG, Ganghua	(31) 201710491434	(73) Telefonaktiebolaget LM Ericsson (publ)
(51) H04W 72/04	(32) 23.06.2017	(72) RATILAINEN, Antti
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(47) 20.07.2022	(11) EP3550917	SUI, Yutao
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(22) 13.05.2016	(87) CN2017098392	(33) United States of America
(54) SCHEDULING METHOD, APPARATUS,	07.06.2018	(51) H04W 74/08
AND SYSTEM	(22) 22.08.2017	(11) EP3829259
(73) Huawei Technologies Co., Ltd.	(54) UPLINK SCHEDULING-FREE METHOD	(21) EP21152981.3
(72) ZHANG, Xingwei	AND DEVICE	(47) 20.07.2022
LI, Chao	(73) Datang Mobile Communications	(22) 27.08.2014
SUN, Yinghua	Equipment Co., Ltd.	(54) METHODS AND NODES FOR
SHI, Jie	(72) LI, Tie	DECODING OF CONTENTION BASED
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(72) Yilmaz, Osman Nuri Can	(47) 20.07.2022	(73) Commissariat à l'énergie atomique et aux énergies alternatives
Höglund, Andreas	(87) KR2017008526	(72) DI PIETRO, Nicola
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(21) EP16776849.8	(72) YI, Seungjune	H04W 76/11
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(87) KR2016003587	LEE, Sunyoung	H04W 48/18
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(73) QUALCOMM Incorporated	(22) 29.07.2016	NETWORK
(72) KADOUS, Tamer	(54) METHOD AND APPARATUS FOR	(73) Huawei Technologies Co., Ltd.
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YOO, Taesang	(73) GUANGDONG OPPO MOBILE	(51) H04W 76/19
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(73) Tridonic GmbH & Co. KG	CONFIGURATION	(73) Hitachi Astemo, Ltd.
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EP3

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

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

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(72) HJELJORD, Linda	A23L 15/00	MENGOLI, Fausto
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(72) UEFFING, Arno Hermanus Maria	PURIFIED PAC'S AND SUGAR FROM	FEDERICI, Luca
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(72) FALLIGANT, John	SCHNEIDER, Fabian	C04B 38/00
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B01D 53/04	TAYLOR, Grahame	(73) qCoat GmbH
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Hinkefuß, Manfred	C07K 1/22	(74) ir. F.A. Geurts c.s.
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PALMEN, Peter	A JET ENGINE	ROLL-FORMING FRAME
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KIRCHNER, Markus	(72) DEJA, Dirk	(72) SEDLMAIER, Albert
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(54) DEVICE AND METHOD FOR	(51) B21C 47/04	BRAKE
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(73) Siemens Aktiengesellschaft	B21C 47/26	(72) MAZZOCCHI, Domenico
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(72) FAY, Aurélie	EHLING, Wolfram	(72) SCHNEIDER, Jacob, Paul
MARGARIA, Thomas	SCHMIT, Francis	DEY, John, Stanley IV
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VAN MIERLOO, Sarah	(72) IIO, Masato	LUTZ, Jean-François
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(73) Permanent Privacy Ltd.	H04L 27/26	JUNG, Sangyeob
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(74) ir. W.J.J.M. Kempes	(21) EP17775947.9	KIM, Younsun
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(11) EP3771380	(11) EP3784108	(11) EP3794192
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022

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(11) EP3794342	(11) EP3815979	(11) EP3839413
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3794678	(11) EP3820166	(11) EP3839516
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3796844	(11) EP3822621	(11) EP3848260
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3797302	(11) EP3822647	(11) EP3850523
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3797924	(11) EP3823335	(11) EP3854619
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3798406	(11) EP3824769	(11) EP3859379
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3798475	(11) EP3824813	(11) EP3861849
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3799055	(11) EP3824830	(11) EP3862074
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(11) EP3799539	(11) EP3824961	(11) EP3866691
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3800553	(11) EP3826421	(11) EP3868026
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3805166	(11) EP3826572	(11) EP3870465
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3805936	(11) EP3827443	(11) EP3873762
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3806693	(11) EP3829978	(11) EP3874814
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3808024	(11) EP3831675	(11) EP3875792
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3808606	(11) EP3831676	(11) EP3877134
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3810461	(11) EP3832155	(11) EP3877471
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3810726	(11) EP3833903	(11) EP3887084
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3812237	(11) EP3835623	(11) EP3891862
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3812368	(11) EP3837084	(11) EP3892325
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3812689	(11) EP3838686	(11) EP3892869
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3812700	(11) EP3838722	(11) EP3893145
(00) 16.03.2022	(00) 16.03.2022	(00) 16.03.2022
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(11) EP3815627	(11) EP3838753	(11) EP3893411
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(00) EPV Ceased Effect	
(11) EP3901475	
(00) 16.03.2022	
(00) EPV Ceased Effect	

VRB

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

(11) 2029486
(48) 20.07.2022
(00) Correctie korte aanduiding
(51) C01B 39/40
C01B 39/06
B01J 29/46

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) DuPont Polymers, Inc.	C11D 7/26	(00) 08.07.2022
(73) DuPont Polymers, Inc.	C11D 7/44	(51) A01N 25/08
(11) EP1846597	(00) Assignment	A01N 63/04
(00) 06.07.2022	(71) bioMérieux	A01P 13/02
(51) C08K 3/34	(73) bioMérieux	(00) Assignment
D01F 6/62	(11) EP1981904	(71) Canopus Drilling Solutions Holding B.V.
(00) Assignment	(00) 08.07.2022	(73) Canopus Drilling Solutions Holding B.V.
(71) DuPont Polymers, Inc.	(51) C07K 14/15	(11) 2024001
(73) DuPont Polymers, Inc.	(00) Change of owner(s) name	(00) 08.07.2022
(11) EP2201065	(71) Danstar Ferment AG	(51) E21B 7/18
(00) 06.07.2022	(73) Danstar Ferment AG	E21B 17/18
(51) C08L 59/00	(11) EP2713718	E21B 21/12
C08L 77/10	(00) 08.07.2022	(00) Assignment
C08L 83/00	(51) A01N 25/04	(71) BÖWE SYSTEC GmbH
F16C 33/20	A01N 25/30	(73) BÖWE SYSTEC GmbH
(00) Assignment	A01N 63/00	(11) EP3485241
(71) DuPont Polymers, Inc.	A01N 63/04	(00) 08.07.2022
(73) DuPont Polymers, Inc.	A01P 7/00	(51) G01G 11/00
(11) EP2364335	C12N 1/04	G01G 21/23
(00) 06.07.2022	(00) Assignment	(00) Assignment
(51) B65G 15/32	(71) Danstar Ferment AG	(71) HumanOptics Holding AG
C08K 3/10	(73) Danstar Ferment AG	(73) HumanOptics Holding AG
C08K 3/22	(11) EP2925147	(11) EP3457986
C08K 3/30	(00) 08.07.2022	(00) 08.07.2022
C08K 5/06	(51) A01N 47/32	(51) A61F 2/14
C08K 5/103	A01N 63/04	B29D 11/00
C08K 5/20	A01P 3/00	B29D 11/02
C08L 59/00	A01P 5/00	(00) Merge
(00) Assignment	(00) Assignment	(71) DuPont Polymers, Inc.
(71) Raycap d.o.o.	(71) DuPont Polymers, Inc.	(73) DuPont Polymers, Inc.
(73) Raycap d.o.o.	(73) DuPont Polymers, Inc.	(11) EP3083826
(11) EP2725588	(11) EP2691452	(00) 06.07.2022
(00) 08.07.2022	(00) 06.07.2022	(51) C08K 5/00
(51) H01C 7/12	(51) C08K 5/00	C08K 5/13
H01H 83/10	C08K 5/25	C08L 33/26
H01T 1/14	C08L 27/12	C08L 59/02
(00) Assignment	C08L 27/18	C08L 77/06
(71) DuPont Polymers, Inc.	(00) Assignment	(00) Assignment
(73) DuPont Polymers, Inc.	(71) Danstar Ferment AG	(71) TotalTrax, Inc.
(11) EP2691454	(73) Danstar Ferment AG	(73) TotalTrax, Inc.
(00) 06.07.2022	(11) EP3200584	(11) EP2583147
(51) C08K 5/00	(00) 08.07.2022	(00) 06.07.2022
(00) Assignment	(51) A01N 25/04	(51) G01S 5/16
(71) PROAXSIS LIMITED	A01N 25/30	G05D 1/00
(73) PROAXSIS LIMITED	A01N 63/04	G06F 17/00
(11) EP2470672	(00) Assignment	G05D 1/02
(00) 06.07.2022	(71) ATTENTI ELECTRONIC MONITORING LTD	(00) Merge
(51) C07F 9/02	(73) ATTENTI ELECTRONIC MONITORING LTD	(71) Sky-Trax, LLC
C12Q 1/37	(11) EP2948381	(73) TotalTrax, Inc.
G01N 33/573	(00) 06.07.2022	(11) EP2583147
(00) Assignment	(51) B25B 7/22	(00) 06.07.2022
(71) Karel Ferenc	B26B 27/00	(51) G01S 5/16
Fraxinus Bouwmanagement B.V.	B26B 29/04	G05D 1/00
(73) Karel Ferenc	B65B 13/02	G06F 17/00
Fraxinus Bouwmanagement B.V.	B65B 69/00	G05D 1/02
(11) 2017799	(00) Change of owner(s) name	(00) Merge
(00) 08.07.2022	(71) Danstar Ferment AG	(71) Canopus Drilling Solutions Holding B.V.
(51) A01N 65/28	(73) Danstar Ferment AG	(73) Canopus Drilling Solutions Holding B.V.
C11D 3/20	(11) EP3316691	(11) 2026757
C11D 3/382		(00) 08.07.2022
		(51) B24C 1/04

E21B 7/18	A01N 37/24
(00) Assignment	A01N 43/54
(71) Protzer, Ulrike	A01N 43/36
(73) Protzer, Ulrike	A01N 43/40
(11) EP3402888	A01N 47/24
(00) 04.07.2022	A01N 43/32
(51) A61K 39/29	A01P 3/00
C12N 15/86	(00) Assignment
(00) Assignment	
(71) Heathland B.V.	
(73) Heathland B.V.	
(11) 2026861	
(00) 08.07.2022	
(51) B29C 33/00	
B29C 39/06	
B29C 39/26	
B29C 39/32	
(00) Assignment	
(71) Eaton Intelligent Power Limited	
(73) Eaton Intelligent Power Limited	
(11) EP2922039	
(00) 04.07.2022	
(51) G08B 7/06	
(00) Assignment	
(71) DuPont Polymers, Inc.	
(73) DuPont Polymers, Inc.	
(11) EP3397664	
(00) 06.07.2022	
(51) C08F 214/22	
C08F 214/26	
C08F 214/28	
(00) Assignment	
(71) Thales DIS Holding (Singapore) Pte. Ltd.	
Thales Dis France SAS	
(73) Thales DIS Holding (Singapore) Pte. Ltd.	
Thales Dis France SAS	
(11) EP3725109	
(00) 05.07.2022	
(51) H04W 12/08	
H04W 8/18	
H04W 36/14	
H04W 48/04	
(00) Change of owner(s) name	
(71) PDRadiopharma Inc.	
FUJIFILM Corporation	
(73) FUJIFILM Corporation	
PDRadiopharma Inc.	
(11) EP3050878	
(00) 05.07.2022	
(51) C07D 471/04	
C07D 401/12	
C07D 401/14	
C07D 519/00	
C07K 5/062	
A61K 31/555	
A61K 51/04	
A61P 35/00	
A61P 9/00	
C07D 213/73	
C07D 213/75	
(00) Assignment	
(71) UPL Europe Supply Chain GmbH	
(73) UPL Europe Supply Chain GmbH	
(11) EP2914111	
(00) 07.07.2022	
(51) A01N 43/16	
A01N 65/00	

TVH

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