



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

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Bezoekadres: **Octrooicentrum Nederland**

Prinses Beatrixlaan 2
2595 AL Den Haag
Postadres
Postbus 10366
2501 HJ Den Haag
Telefoon: 088-0426656
Bankrekeningnummer:
Voor taksen en depotrekeningen:
ING 0705001296
Iban: NL41INGB070500129
BIC: INGBNL2A

Introduction

Patent Bulletin

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

Official Journal

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

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Prinses Beatrixlaan 2
2595 AL Den Haag
Postadress
Post Office Box: 10366
2501 HJ Den Haag
Telephone: +31(0)88 0426656
Account:
Fees, deposit accounts:
ING 0705001296
Iban: NL41INGB070500129
BIC: INGBNL2A

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Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	16 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	16
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Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	26 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	26
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	27 Heading EP2 Contains data concerning European patents granted for The Netherlands.	27
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten	333Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	333
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	334Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	334
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.	335Heading VB2 Contains data concerning requests and notices of opposition under the General administrative law in respect of which a decision has been taken or in respect for which a report has been made.	335
Rubriek MED Bevat gegevens betreffende overige mededelingen.	336Heading MED Contains data concerning other communications.	336
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	337Heading VRV Contains data concerning lapse or annulment.	337
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	366Heading VRB Contains data concerning corrections on earlier publications.	366
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	367Heading CO Contains data concerning changes in the Netherland patent register.	367
Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	369Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	369

Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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

(51) A01G 7/04 A01G 9/24	(71) BIG DEVELOPMENTS B.V. (74) ir. H.Th. van den Heuvel c.s.	(74) drs. A.A. Jilderda (72) Marco Theodorus Keursten
(21) 2023151 (22) 16.05.2019	(72) Jacobus Petrus Maria Dessing Frans Jacob de Graaf	(41) 30.11.2020
(54) Assimilation lighting with improved spectrum	Leendert de Borst Erik Arnoldus Aurik	(51) A01M 15/00 A01M 21/04
(71) Oreon Holding B.V. (74) ir. H.A. Witmans c.s.	(41) 01.12.2020	(21) 2023091 (22) 08.05.2019
(72) Twan Mennink (41) 01.12.2020	(51) A01K 5/02 A01K 1/02 B65G 33/00	(54) WERKWIJZE VOOR HET BESTRIJDEN VAN ONKRUID (71) Johannes van den Herik (74) ir. J.H. de Hoog (72) Johannes van den Herik Gerrit Hendrik Drost
(51) A01G 9/14 A01G 9/24 E04D 3/08 E05D 7/00	(21) 2023154 (22) 16.05.2019	(41) 30.11.2020
(21) 1043253 (22) 06.05.2019	(54) Feed dispensing system for animals, in particular pigs	(51) A22B 5/00 A22B 5/20
(54) SCHARNIERLIJST VOOR LUCHTRAMEN VAN KASSEN	(71) BIG DEVELOPMENTS B.V. (74) ir. H.Th. van den Heuvel c.s.	(21) 2023065 (22) 03.05.2019
(71) Dutch Agro Systems B.V. (72) Shaniel Wishwanand Raghoenath (41) 30.11.2020	(72) Jacobus Petrus Maria Dessing Frans Jacob de Graaf Leendert de Borst Erik Arnoldus Aurik	(54) Cutting fore end from hanging half pig carcass. (71) Marel Meat B.V. (74) ir. J.C. Volmer c.s.
(51) A01G 9/24 E06B 9/52	(41) 01.12.2020	(72) Jan Johannes Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Ronald Kranenborg
(21) 2023099 (22) 09.05.2019	(51) A01K 11/00 (21) 2023090 (22) 08.05.2019	(41) 30.11.2020
(54) GREENHOUSE (71) Ventiguard B.V. (74) drs. P.F.H.M. van Someren c.s. (72) Laurens Vincent Besemer (41) 30.11.2020	(54) Werkwijze en systeem voor het koppelen van een identiteit van ten minste een dier aan een beeldopname van het ten minste ene dier. (71) Nedap N.V. (74) ir. H.A. Witmans c.s.	(72) Jan Johannes Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Ronald Kranenborg
(51) A01G 18/62 A01G 18/64	(72) Roxie Sabri Romero Muller Jort Johannes Wilhelmus Schutte (41) 30.11.2020	(51) A22B 5/00 A22B 5/20
(21) 2023168 (22) 20.05.2019	(41) 30.11.2020	(21) 2023064 (22) 03.05.2019
(54) Device for growing mushrooms (71) Jacobus Alexander Jozef Lemmen Marcus Gerardus Maria van Doremaele (74) ir. H.Th. van den Heuvel c.s. (72) Jacobus Alexander Jozef Lemmen Marcus Gerardus Maria van Doremaele (41) 01.12.2020	(51) A01K 29/00 A61B 5/11 (21) 2023103 (22) 10.05.2019	(54) A method and an apparatus for processing a half pig carcass part hanging from a carrier. (71) Marel Meat B.V. (74) ir. J.C. Volmer c.s.
(51) A01G 18/70 (21) 2023167 (22) 20.05.2019	(54) Ruminant animal monitoring system (71) Lely Patent N.V. (74) ir. M.J.F.M. Corten (72) Xiangyu Song (41) 30.11.2020	(72) Jan Johannes Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Ronald Kranenborg
(54) Harvesting conveyor belt for mushrooms (71) Jacobus Alexander Jozef Lemmen Marcus Gerardus Maria van Doremaele (74) ir. H.Th. van den Heuvel c.s. (72) Jacobus Alexander Jozef Lemmen Marcus Gerardus Maria van Doremaele (41) 01.12.2020	(51) A01K 29/00 A61B 5/11 (21) 2023104 (22) 10.05.2019	(41) 30.11.2020
(51) A01K 1/01 (21) 2023153 (22) 16.05.2019	(54) Ruminant animal monitoring system (71) Lely Patent N.V. (74) ir. M.J.F.M. Corten (72) Xiangyu Song (41) 30.11.2020	(51) A22B 7/00 B65G 47/52 (21) 2023063 (22) 03.05.2019
(54) Device and system for the collection and disposal of pig excrements	(74) ir. H.Th. van den Heuvel c.s. (72) Jacobus Alexander Jozef Lemmen Marcus Gerardus Maria van Doremaele (41) 01.12.2020	(54) Overhang rail transport system. (71) Marel Meat B.V. (74) ir. J.C. Volmer c.s. (72) Jan Johannes Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Ronald Kranenborg
	(51) A01K 31/12 (21) 2023078 (22) 06.05.2019	(72) Jan Johannes Meerdink Franciscus Theodorus Henricus Johannes van der Steen Adriaan Ebergen Ronald Kranenborg
	(54) Inrichting en houder voor het houden van pluimvee (71) MAKE-iT Agri Solutions B.V.	(41) 30.11.2020
		(51) A23J 1/00

A23J 3/14	Jie Fang	(21) 2026374
(21) 2023197	Xiaofei Chen	(22) 31.08.2020
(22) 24.05.2019	Congbing Wu	(54) Intelligent household curtain
(54) Diafiltration	Chengling Lu	(71) Nanjing Robust Information Technology Co., Ltd.
(71) Coöperatie AVEBE U.A.	(41) 01.12.2020	
(74) ir. H.A. Witmans c.s.	(31) 201810484763.6	(74) ir. H.A. Witmans c.s.
(72) David Ignacio Habeych Narvaez	(32) 20.05.2018	(72) Bailing Xie
Libbe Foeke Tjalma	(33) China	(31) PCT/CN2020/092994
Robin Eric Jacobus Spelbrink	(51) A47B 61/04	(32) 28.05.2020
Marc Christiaan Laus	B65G 1/137	(33) China
(41) 02.12.2020	(21) 2026257	(51) A47J 31/36
(51) A23K 10/30	(22) 12.08.2020	A47J 31/00
A23K 40/10	(54) Slipper dispenser	A47J 31/06
A23K 50/10	(71) Nanjing Robust Information Technology Co., Ltd.	(21) 1043252
(21) 2023112	(74) ir. H.A. Witmans c.s.	(22) 03.05.2019
(22) 10.05.2019	(72) Bailing Xie	(54) Inrichting voor het maken van koffiedrank, ingericht om te worden aangebracht aan een heet- of kokendwaterkraan
(54) Feed composition, method for the preparation thereof and use of a binder in a feed composition.	(31) PCT/CN2020/092996	
(71) Agrifirm Group B.V.	(32) 28.05.2020	(71) Maurice Kruijs
(74) ir. A. Blokland c.s.	(33) China	(72) Maurice Kruijs
(72) Josephus Johannes Antonius van Hees	(51) A47B 81/00	(41) 30.11.2020
Judith Cecilia Dijcker	B08B 11/00	
(41) 30.11.2020	(21) 2026258	(51) A47J 31/40
(51) A23K 50/90	(22) 12.08.2020	(21) 2023121
A23J 1/00	(54) Indoor multifunctional intelligent clothes aier	(22) 13.05.2019
A23K 10/26	(71) Nanjing Robust Information Technology Co., Ltd.	(54) FOOD PRODUCT DISPENSING SYSTEM
A23K 40/20	(74) ir. H.A. Witmans c.s.	(71) Nutritious Juices & Soups B.V.
(21) 2023176	(72) Bailing Xie	(74) ir. J.C. Volmer c.s.
(22) 22.05.2019	(31) PCT/CN2020/092995	(72) Bram van der Veen
(54) COMPOSITION COMPRISING EGGS AND USE OF SUCH COMPOSITION	(32) 28.05.2020	Rob Willemsen
(71) In Ovo B.V.	(33) China	Patrick Olaf Edward Dam
(74) dr. A. Krebs	(51) A47C 1/14	Luuk Jan Boevink
(72) Wouter Sebastiaan Bruins	A47C 3/04	Mathijs van Dijk
Wil Marijn Stutterheim	A47C 7/62	Kai Franciscus Marc Smit
Pete Rowe	(21) 1043262	(41) 01.12.2020
(41) 01.12.2020	(22) 20.05.2019	(51) A47K 3/00
(51) A23P 10/35	(54) Stackable lounge with storage space	A47K 3/40
(21) 2023066	(71) Willem Adrianus den Otter	E04F 15/02
(22) 03.05.2019	Lars van der Horst	E04F 15/14
(54) Stabilized liposomes	(72) Willem Adrianus den Otter	(21) 2023129
(71) CureSupport Holding B.V.	Lars van der Horst	(22) 14.05.2019
(74) ir. J.C. Volmer c.s.	(51) A47C 7/00	(54) Werkwijze voor het aanbrengen van een element, zoals een doucheplaat of douchegoot, in een vloer
(72) Klaas Alouis Riepma	(21) 2023934	(71) Easy Sanitary Solutions B.V.
(41) 30.11.2020	(22) 02.10.2019	(74) ir. B.J. 't Jong
(51) A43B 13/16	(54) Swivel device for a chair and chair provided with a swivel device	(72) Jurgen Hendrik Peter Joseph Keizers
A43B 13/12	(71) Prominent Holding B.V.	(41) 01.12.2020
A43B 13/37	(74) ir. M. van der Velden	
(21) 2023135	(72) Geertjan van Olst	(51) A47K 3/40
(22) 15.05.2019	(41) 01.12.2020	E04F 15/12
(54) SHOE SOLE ASSEMBLY, SHOE, AND METHOD OF MANUFACTURING A SHOE	(31) 2023126	E04F 21/24
(71) Anbo Amersfoort B.V.	(32) 13.05.2019	(21) 2023084
(74) drs. P.F.H.M. van Someren c.s.	(33) Netherlands	(22) 07.05.2019
(72) Antonius Bernardus Boerma	(51) A47F 7/08	(54) INRICHTING VOOR HET AANBRENGEN VAN AFSCHOT IN EEN TE GIETEN VLOER EN WERKWIJZE DAARVOOR
(41) 01.12.2020	(21) 2026375	(71) Gerrit Medema
(51) A46B 7/10	(22) 31.08.2020	Friso Sander Koorn
E04F 21/12	(54) Intelligent household shoe cabinet	(74) drs. P.F.H.M. van Someren c.s.
(21) 2023155	(71) Nanjing Robust Information Technology Co., Ltd.	(72) Gerrit Medema
(22) 16.05.2019	(74) ir. H.A. Witmans c.s.	Friso Sander Koorn
(54) A WALL PAINT BRUSHING ROBOT	(72) Bailing Xie	(41) 30.11.2020
(71) WEST ANHUI UNIVERSITY	(31) PCT/CN2020/092993	(51) A61B 5/00
(74) drs. C.M.A. Quintelier	(32) 28.05.2020	A61B 5/04
(72) Junhui Cheng	(33) China	A61B 5/04
Gang Zhang	(51) A47H	

A61B 5/04	(22) 09.05.2019	Jelmer Peerbolte
A61B 5/0484	(54) AN IMPLANTABLE ELECTRICAL	(74) dr. A. Ellens c.s.
(21) 2023196	STHVIULATION DEVICE WITH A	(72) Robert Diederik Oude Nijhuis
(22) 24.05.2019	RETURN ELECTRODE	Jelmer Peerbolte
(54) ANALYZING BRAIN FUNCTIONING	(71) Salvia Bioelectronics B.V.	(41) 01.12.2020
USING BEHAVIORAL EVENT	(74) P.J. Pollard B.Eng	(51) A62D 1/02
MARKERS FROM PORTABLE	(72) Hubert Cécile François Martens	(21) 2023184
ELECTRONIC DEVICE	Daniël Willem Elisabeth Schobben	(22) 24.05.2019
(71) Universiteit Leiden	(41) 30.11.2020	(54) Fire extinguishing solution for a B-class
(74) dr. A. Krebs	(51) A61N 1/05	fire
(72) Arko Ghosh	A61N 1/36	(71) EcoXtinguish B.V.
(41) 02.12.2020	(21) 2023093	(72) Bart de Jonge
(51) A61F 13/08	(22) 09.05.2019	(41) 02.12.2020
(21) 2023185	(54) AN IMPLANTABLE ELECTRICAL	(51) A63C 1/02
(22) 24.05.2019	STIMULATION DEVICE WITH A	A63C 1/06
(54) COMPRESSIEKOUS MET INSTELBARE	FLEXIBLE ELECTRODE	A63C 1/08
COMPRESSIEDRUK	(71) Salvia Bioelectronics B.V.	A63C 1/16
(71) Tobrox Holding B.V.	(74) P.J. Pollard B.Eng	(21) 2023118
(74) drs. P.F.H.M. van Someren c.s.	(72) Daniël Willem Elisabeth Schobben	(22) 13.05.2019
(72) Antonius Johannes Cornelis Stokbroeckx	Hubert Cécile François Martens	(54) Schaats, zoals een shorttrackschaats
(41) 02.12.2020	Maily Guillard	(71) KUSHI Sports Netherlands B.V.
(51) A61F 13/08	(41) 30.11.2020	(74) ir. B.J. 't Jong
A61K 8/89	(51) A61N 1/05	(72) Diederik van der Steen
A61L 26/00	A61N 1/36	Otto den Braver
A61Q 19/00	(21) 2023094	Daniel Mark Greig
(21) 2023161	(22) 09.05.2019	(41) 01.12.2020
(22) 17.05.2019	(54) A TISSUE STIMULATION DEVICE WITH	(51) A63C 17/06
(54) A formulation for application to the skin	DISTAL AND PROXIMAL RETURN	(21) 2023939
(71) Medical Compression Solutions B.V.	ELECTRODE	(22) 02.10.2019
(74) ir. A. Blokland c.s.	(71) Salvia Bioelectronics B.V.	(54) A frame and wheel assembly for an inline
(72) Fabian Wouters	(74) P.J. Pollard B.Eng	skate, inline skate, retrofitting method
(41) 01.12.2020	(72) Daniël Willem Elisabeth Schobben	and replacement mount
(51) A61K 8/92	Hubert Cécile François Martens	(71) Railway Inventions Europe Limited
A61K 8/97	(41) 30.11.2020	(74) ir. M. van der Velden
A61P 17/14	(51) A61N 1/05	(72) Hendrik Jan de Graaf
A61Q 5/00	A61N 1/36	(31) 2023147
A61K 36/18	A61N 1/378	(32) 15.05.2019
A61K 36/47	(21) 2023095	(33) Netherlands
A61K 36/48	(22) 09.05.2019	(51) A63H 33/10
A61K 36/71	(54) AN ELECTRICAL STIMULATION	(21) 1043258
A61K 36/889	DEVICE WITH SYNCHRONIZED	(22) 14.05.2019
(21) 1043256	PULSED ENERGY TRANSFER	(54) MODULAR EDUCATIONAL PLAYSET
(22) 10.05.2019	(71) Salvia Bioelectronics B.V.	FOR PLAYING, CLIMBING AND
(54) Haarolie	(74) P.J. Pollard B.Eng	SITTING
(71) Chanderdath Mohan	(72) Hubert Cécile François Martens	(71) Stylinka
Krisnakoemarie Mohan-Biere	Stephen Mark Gee	(72) Linda van Orsouw
(72) Chanderdath Mohan	(41) 30.11.2020	(41) 01.12.2020
Krisnakoemarie Mohan-Biere	(51) A62B 1/00	(51) B01D 15/20
(41) 30.11.2020	(21) 2023145	B01D 15/22
(51) A61M 15/00	(22) 15.05.2019	(21) 2025493
(21) 2026704	(54) Rope-lowering device and corresponding	(22) 04.05.2020
(22) 19.10.2020	lowering method	(54) Cleaning chromatography packed bed
(54) DRY POWDER INHALANT CAPABLE	(71) Hendrik Nieuwenhuis	material with the aid of a processing
OF PREVENTING RESPIRATORY	Cornelis Jan Nieuwenhuis	vessel, and said vessel.
TRACT TRANSMISSION OF	Hendrik Christian Verdoold	(71) JEMP Holding bv
MYCOBACTERIUM TUBERCULOSIS	(74) ir. M. van der Velden	(74) ir. J.H.W. Assendelft
(71) Wenzhou Central Hospital	(72) Hendrik Nieuwenhuis	(72) Marcellus Johannes Hubertus Raedts
(74) dr. T. Wittop Koning PhD	Cornelis Jan Nieuwenhuis	(41) 26.11.2020
(72) Jichan Shi	Hendrik Christian Verdoold	(31) 2023070
Xiangao Jiang	(41) 01.12.2020	(32) 03.05.2019
Aiqiong Cheng	(51) A62B 7/08	(33) Netherlands
Fang Cheng	A62B 33/00	(51) B02C 23/18
Saiduo Liu	A62B 19/00	(21) 2023148
Xiaojing Liu	(21) 2023124	(22) 16.05.2019
(51) A61N 1/05	(22) 13.05.2019	(54) COMPOSITION FOR DUST
A61N 1/36	(54) Support for avalanche victims	SUPPRESSION
(21) 2023092	(71) Robert Diederik Oude Nijhuis	(71) W&C Holding B.V.

(74) dr. T. Hubregtse	(31) 201910422024.9	(71) Heering Group B.V.
(72) Wybren Jan Beeksma	(32) 21.05.2019	(74) ir. F.A. Geurts c.s.
(41) 01.12.2020	(33) China	(72) Patrick Heering
(51) B07C 1/02	(51) B29C 39/10	(41) 01.12.2020
B07C 5/342	B29C 39/26	(51) B60L 1/00
C22B 7/00	(21) 2023107	B60L 8/00
(21) 2023190	(22) 10.05.2019	(21) 2023114
(22) 24.05.2019	(54) Method and gasket for producing a polymethyl methacrylate plate	(22) 13.05.2019
(54) Werkwijze en inrichting voor het vanaf een vlak uitnemen van objecten	(71) HEATHLAND HOLDING B.V.	(54) Electric or hybrid means of transport with a solar panel.
(71) Technische Universiteit Delft	(74) ir. H.Th. van den Heuvel c.s.	(71) Atlas Technologies Holding B.V.
(74) ir. H.A. Witmans c.s.	(72) Nikolaj Garnitsch	(72) Tom Kooijman
(72) Peter Carlo Rem	Simon van der Heijden	(41) 01.12.2020
Simon Petrus Maria Berkhout	(41) 30.11.2020	(51) B60L 53/36
(41) 02.12.2020	(51) B29C 64/135	B60L 53/66
(51) B07C 5/344	G03F 7/20	G01S 5/02
(21) 2023193	B33Y 10/00	G05D 1/02
(22) 24.05.2019	B33Y 30/00	(21) 2023068
(54) Inrichting en werkwijze voor het vanaf een vlak uitnemen van objecten	(21) 2023079	(22) 03.05.2019
(71) Technische Universiteit Delft	(22) 06.05.2019	(54) System and method for positioning a mobile assembly
(74) ir. H.A. Witmans c.s.	(54) APPARATUS AND METHOD FOR GENERATING A 3D STRUCTURE	(71) Prodrive Technologies B.V.
(72) Peter Carlo Rem	(71) Xeikon Prepress N.V.	(74) Michel Gilio
Simon Petrus Maria Berkhout	(74) drs. P.F.H.M. van Someren c.s.	(72) Koen Joseph Meessen
(41) 02.12.2020	(72) Bart Wattynt	(41) 30.11.2020
(51) B08B 3/02	(41) 30.11.2020	(51) B62D 25/16
B60P 3/30	(51) B30B 11/20	B62D 35/00
(21) 1043255	(21) 2023087	(21) 2023140
(22) 08.05.2019	(22) 08.05.2019	(22) 15.05.2019
(54) Service vehicle with pressure control	(54) Pellet breaking device	(54) Low drag rear wheel bay
(71) Rior, Industrie- en Handelsonderneming B.V.	(71) CPM Europe B.V.	(71) DAF TRUCKS N.V.
(74) drs. O. Griebing	(74) mr. ir. J. van Breda c.s.	(74) ir. H.A. Witmans c.s.
(72) Marc Petrus Bernardus Soethout	(72) Jan-Willem van Lindenberg	(72) Rob Adrianus Johannes van den Heijkant
(41) 30.11.2020	Lukas Meijer	Niek Jan Gerard van Dijk
(51) B08B 3/02	Maurice Bindels	Date Willem Egbert Rentema
F01N 3/02	(41) 30.11.2020	Frouke Kruijssen
(21) 1043254	(51) B32B 37/10	Michiel van Nesselrooij
(22) 08.05.2019	B32B 37/12	(41) 01.12.2020
(54) Service engine with exhaust cooling	B32B 7/06	(51) B62D 53/08
(71) Rior, Industrie- en Handelsonderneming B.V.	B32B 7/12	(21) 2023076
(74) drs. O. Griebing	B32B 37/00	(22) 06.05.2019
(72) Marc Petrus Bernardus Soethout	B32B 38/10	(54) A semitrailer towing vehicle comprising a fifth wheel assembly.
(41) 30.11.2020	(21) 2023146	(71) DAF Trucks N.V.
(51) B25H 3/00	(22) 15.05.2019	(74) ir. H.A. Witmans c.s.
(21) 2023172	(54) PROCESS FOR MAKING MULTILAYER STRUCTURE WITH BARRIER PROPERTIES	(72) Ronald Antonius Johannes van Knippenberg
(22) 21.05.2019	(71) Knowfort Holding B.V.	Victor Raue
(54) Vehicle escape assembly	(74) drs. W.H.P. Derks	(41) 30.11.2020
(71) Life Safety Products B.V.	(72) Shahab Jahromi	(51) B62M 6/90
(74) ir. J.C. Volmer c.s.	(41) 01.12.2020	(21) 2023156
(72) Eun Ho Park	(51) B41J 11/00	(22) 17.05.2019
(41) 01.12.2020	(21) 2023115	(54) Locking device for locking a battery unit, as well as a bicycle and a method for unlocking a battery unit
(51) B29C 33/00	(22) 13.05.2019	(71) AXA Stenman Nederland B.V.
B29C 70/44	(54) Vacuum level calibration for a web-based printer	(74) ir. H.A. Witmans c.s.
B29D 99/00	(71) Canon Production Printing Holding B.V.	(72) Marinus Tjmen van Ede
(21) 2024642	(74) ir. M.J. Groen	Marco Dimpfina Henricus Stunnebrink
(22) 10.01.2020	(72) Lodewijk T. Holtman	Martijn Cornelis Smit
(54) INTERNAL HIGH-PRESSURE FORMING DIE AND FORMING METHOD FOR AIRCRAFT TAIL FIN	(41) 01.12.2020	(41) 01.12.2020
(71) School of Mechanical Engineering, Shaanxi University of Technology	(51) B60H 1/32	(51) B63B 1/38
(74) dr. T. Wittop Koning PhD	B60H 1/00	B63B 1/34
(72) Yongqiang Zhao	(21) 2023182	(21) 2023149
Hongling Hou	(22) 23.05.2019	(22) 16.05.2019
(41) 01.12.2020	(54) Air conditioning module, modular air conditioning system, transport vehicle and method	(54) Air release unit with diverging side walls
		(71) Silverstream Technologies B.V.

(74) ir. M.F.J.M. Ketelaars c.s.	B65D 33/00	(74) ir. M.J. Groen
(72) Noah Silberschmidt	(21) 2023945	(72) Erik J. Scheppink
Jørgen Clausen	(22) 03.10.2019	(41) 02.12.2020
Johannes Johannesson	(54) Hemdtas plaats-inrichting en werkwijze voor het openen, spreiden en plaatsen van een hemdtas in een houder	(51) B66C 23/52
(41) 01.12.2020		B66C 23/70
(51) B63B 21/16		B66C 23/82
B66D 1/50	(71) Niverplast Holding B.V.	(21) 2023067
B66D 1/14	(74) mr. ir. J.H. Klooster	(22) 03.05.2019
(21) 2023108	(72) Gerrit Jan Nieuwenhuis	(54) compact jib crane
(22) 10.05.2019	(31) 2023152	(71) Itrec B.V.
(54) Towing winch system and a method to carry out a towing operation, in particular an escort operation for assisting a vessel in passing a water passage.	(32) 16.05.2019	(74) ir. J.C. Volmer c.s.
	(33) Netherlands	(72) Joop Roodenburg
	(51) B65D 1/40	(41) 30.11.2020
(71) Tugpins B.V.	B65D 23/00	(51) B66C 23/64
(74) ir. J.C. Volmer c.s.	B65D 85/30	(21) 1043257
(72) Johannes Bernardus Gerardus Kreischer	(21) 2023339	(22) 14.05.2019
(41) 30.11.2020	(22) 19.06.2019	(54) Voorzetmast ten behoeve van hijs- en hefwerktuigen.
(51) B63B 27/14	(54) Method of handling plastic packages	(71) Jachelpet B V
B63B 27/30	(71) FiliGrade B.V.	(72) Peter Paul Thomas Cornelia Stoof
(21) 2023134	(74) ir. J.C. Volmer c.s.	(41) 01.12.2020
(22) 14.05.2019	(72) Johannes Bernardus Kerver	(51) B66C 23/70
(54) Telescopic gangway, motion compensation system, vessel, and offshore structure	(41) 01.12.2020	(21) 2023186
	(31) 2023133	(22) 24.05.2019
(71) Ampelmann Holding B.V.	(32) 14.05.2019	(54) KRAANARMVERLENGSTUK, KRAAN VOORZIEN VAN EEN DERGELIJK KRAANARMVERLENGSTUK EN WERKWIJZE VOOR HET IN EEN TRANSPORTSTAND BRENGEN VAN EEN DERGELIJK KRAAN
(74) ir. H.A. Witmans c.s.	(33) Netherlands	(71) Gierkink Exploitatie B.V.
(72) Ricco Johannes Delfos	(51) B65D 27/00	(74) drs. C.H. Mink-Lindenburg
Alexander Germain Verweij	B65D 33/14	(72) Michel Bernardus Johanna Gierkink
Alexander Leopold Albert Boudewijn Ronse	A61B 50/31	(41) 02.12.2020
Alexander Anton Soonieus	(21) 2023166	
Arie Jan Göbel	(22) 20.05.2019	
(41) 01.12.2020	(54) Portable carrier and method of filling such a portable carrier with clean care products	
(51) B63B 35/00	(71) Bouten Design	
F03D 13/10	(74) drs. P.F.H.M. van Someren c.s.	(51) B67D 1/00
E02B 17/02	(72) Robin Bouten	B67D 1/08
F03D 13/25	(41) 01.12.2020	B67D 7/02
(21) 2023137	(51) B65D 43/02	(21) 2023122
(22) 15.05.2019	(21) 2023143	(22) 13.05.2019
(54) Wind turbine assembly installation device and method	(22) 15.05.2019	(54) PRODUCT DISPENSING SYSTEM AND METHOD
(71) Kenz Figee Group B.V.	(54) Packaging	(71) WeLL Design B.V.
(74) ir. F.A. Geurts c.s.	(71) Hordijk Verpakingsindustrie Zaandam B.V.	(74) ir. J.C. Volmer c.s.
(72) Jan Pieter Klaver	(74) mr. ir. J. van Breda c.s.	(72) Mathijs van Dijk
Gerardus Cornelius van Grieken	(72) Erik Johannes Hendrikus Ubbink	Arjan Koen Oosterhuis
(41) 01.12.2020	(41) 01.12.2020	Bram van der Veen
(51) B63B 35/03	(51) B65G 19/28	Rob Willemsen
B65H 49/28	B65G 19/08	(41) 01.12.2020
B65H 75/22	(21) 2023128	(51) C01B 25/02
B63B 35/04	(22) 14.05.2019	C02F 1/52
B65H 49/32	(54) SYSTEEM VOOR HET BEKLEDEN VAN DE BINNENZIJDEN VAN EEN TRANSPORTGOOT VAN EEN KETTINGTRANSPORTEUR	(21) 2023083
B65H 57/18	(71) CIASS EDE B.V.	(22) 07.05.2019
B65H 75/24	(74) drs. C.H. Mink-Lindenburg	(54) A process for recovering elemental phosphorus
H02G 1/10	(72) Joey van Beek	(71) AXPIP BV
(21) 2023074	(41) 01.12.2020	(74) drs. A.A. Jilderda
(22) 06.05.2019	(51) B65H 43/06	(72) Franciscus Henricus Horstink
(54) Modular spool storage device, modular support structure and combination thereof	B65H 31/30	(41) 30.11.2020
(71) Itrec B.V.	(21) 2023189	(51) C02F 1/46
(74) ir. J.C. Volmer c.s.	(22) 24.05.2019	C02F 3/28
(72) Ronny Lambertus Waltherus Nouwens	(54) SHEET STACKER COMPRISING AN IDLE TIME COUNTER FOR EJECTING A SHEET STACK AFTER A PREDETERMINED IDLE PERIOD	C12P 5/00
Wouter Johannes Slob	(71) Canon Production Printing Holding B.V.	C25B 3/03
Terence Willem August Vehmeijer		(21) 2026669
(41) 30.11.2020		(22) 13.10.2020
(51) B65B 43/34		(54) A PROCESS TO TREAT A CARBON DIOXIDE COMPRISING GAS
		(71) PAQELL B.V.

(74) ir. M. Cramwinckel	Ramon Hubertus Mathijs Solberg	(54) Onderlegement voor dakbedekkings- of gevelbekledingselementen
(72) Johannes Bernardus Maria Klok	(41) 30.11.2020	(71) GPO Advies
Frederikus de Rink	(51) E01F 9/688	(74) drs. P.F.H.M. van Someren c.s.
Dandan Liu	(21) 1043261	(72) Gerardus Andreas Wilhelmus Polman
(51) C12N 15/52	(22) 17.05.2019	(41) 01.12.2020
C12P 17/18	(54) SYSTEEM VOOR	(51) E21B 43/11
(21) 2023169	VERKEERSAFZETTINGEN	E21B 43/119
(22) 21.05.2019	(71) Den Dulk Infra, consultancy en advies	E21B 43/26
(54) BIOTIN PROTOTROPHY	(72) Leenderd den Dulk	(21) 2025382
(71) Technische Universiteit Delft	(41) 01.12.2020	(22) 21.04.2020
(74) ir. J.C. Volmer c.s.	(51) E02F 3/88	(54) LOCATING SELF-SETTING
(72) Jean-Marc Georges Daran	E02F 7/02	DISSOLVABLE PLUGS
Jacobus Thomas Pronk	E02F 7/06	(71) Halliburton Energy Services, Inc.
Anna Kristina Wronska	(21) 2023075	(74) mr.ir. F.N. Ferro
(41) 01.12.2020	(22) 06.05.2019	(72) Michael Linley Fripp
(51) C12P 7/56	(54) Excavator having a suction pump and method of excavating material with such an excavator	Albert Winkler
C12M 1/34	(71) Hoogendijk Infra B.V.	Andrew Penno
(21) 2023113	(74) drs. P.F.H.M. van Someren c.s.	(31) 62/852,108
(22) 10.05.2019	(72) Johannes Martinus Hoogendijk	PCT/US20/26222
(54) High yield lactic acid production using mixed cultures	(41) 30.11.2020	(32) 23.05.2019
(71) Technische Universiteit Delft	(51) E03D 9/03	01.04.2020
(74) mr. ir. J. van Breda c.s.	(21) 2023183	(33) United States of America
(72) Robbert Kleerebezem	(22) 23.05.2019	International Bureau of WIPO
Julius Laurens Rombouts	(54) Substance dispenser, use thereof, and method for manufacturing	(51) E21C 25/06
David Gregory Weissbrodt	(71) Toilet Tapes B.V.	E21C 31/02
Maximilienne Toetie Allaart	(74) ir. H.A. Witmans c.s.	E21C 35/24
Marinus Cornelius Maria van Loosdrecht	(72) Oskar Anthoni de Waal	(21) 2024359
Gerben Roelandt Stouten	(41) 01.12.2020	(22) 02.12.2019
(41) 30.11.2020	(51) E03F 5/04	(54) Combined Coal Rock Presplitting and Pick Breaking System
(51) C21B 11/10	(21) 2023130	(71) SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
C21B 13/00	(22) 14.05.2019	(74) drs. C.M.A. Quintelier
C21B 13/14	(54) Combinatie van een afvoer, zoals een afvoerput of douchegoot, en een afdichting	(72) Qiang Zhang
(21) 2023109	(71) Easy Sanitary Solutions B.V.	Ying Tian
(22) 10.05.2019	(74) ir. B.J. 't Jong	Jinpeng Su
(54) PROCESS FOR THE SMELTING OF A METALLIFEROUS FEEDSTOCK MATERIAL	(72) Jurgen Hendrik Peter Joseph Keizers	(41) 26.11.2020
(71) AFRICAN RAINBOW MINERALS LIMITED	(41) 01.12.2020	(51) F16F 9/12
(74) ir. J.C. Volmer c.s.	(51) E03F 5/04	F16F 9/14
(72) Petrus Hendrik Ferreira Bouwer	F16K 15/14	(21) 2023944
(41) 30.11.2020	(21) 2023131	(22) 03.10.2019
(51) D01D 5/00	(22) 14.05.2019	(54) Rotary Damper
(21) 2023086	(54) Langwerpige siliconen afsluiter	(71) Profunda B.V.
(22) 08.05.2019	(71) Easy Sanitary Solutions B.V.	(74) mr. ir. J.H. Klooster
(54) Focussed Charge Electrospinning Spinneret	(74) ir. B.J. 't Jong	(72) Frank Vesper
(71) INNOVATIVE MECHANICAL ENGINEERING TECHNOLOGIES B.V.	(72) Jurgen Hendrik Peter Joseph Keizers	Susanne Haug
(74) ir. M.F.J.M. Ketelaars c.s.	(41) 01.12.2020	(41) 02.12.2020
(72) Marc Simonet	(51) E04B 1/00	(31) 2023163
Paul Johannes Franciscus Maria Janssen	(21) 2023159	(32) 20.05.2019
Ramon Hubertus Mathijs Solberg	(22) 17.05.2019	(33) Netherlands
(41) 30.11.2020	(54) WERKWIJZE EN BEVESTIGINGSELEMENT VOOR HET AAN EEN NIEUWBOUWGEVEL BEVESTIGEN VAN EEN UITKRAGEND ELEMENT	(51) F16M 11/26
(51) D01D 5/00	(71) H.J.J. Evers Beheer B.V.	F16M 11/42
D04H 1/728	(74) drs. P.F.H.M. van Someren c.s.	(21) 2025639
(21) 2023085	(72) Ramon Bosman	(22) 20.05.2020
(22) 08.05.2019	Petrus Johannes Antonius Kok	(54) MOBIEL WEERGAVESYSTEEM
(54) Method and device for depositing a fiber material layer on a carrier	(41) 01.12.2020	(71) Nurama BVBA
(71) INNOVATIVE MECHANICAL ENGINEERING TECHNOLOGIES B.V.	(51) E04D 1/36	(74) ir. J.H. de Hoog
(74) ir. M.F.J.M. Ketelaars c.s.	(21) 2023175	(72) Alexander Mazurek
(72) Paul Johannes Franciscus Maria Janssen	(22) 21.05.2019	Bruno Bocchialini
		(41) 02.12.2020
		(31) 2019/5332
		(32) 21.05.2019
		(33) Belgium
		(51) F24D 3/14
		E04F 15/18
		(21) 2023088

(22) 08.05.2019	G01D 5/26	(72) Sam Speijers
(54) VLOERVERWARMINGSSYSTEEM EN WERKWIJZE VOOR HET AANBRENGEN VAN VLOERVERWARMING	(21) 2025986	(41) 30.11.2020
(71) Hajee B.V.	(22) 03.07.2020	(51) G03F 7/00
(74) drs. P.F.H.M. van Someren c.s.	(54) FIBER OPTIC FABRY-PEROT CAVITY-BASED DENSITY SENSOR	(21) 2023097
(72) Hubert Jan de Wilde	(71) Laser Institute of Shandong Academy of Science	(22) 09.05.2019
(41) 30.11.2020	(74) ir. H.A. Witmans c.s.	(54) Stamp replication device and method for producing a holding means for a stamp replication device as well as a stamp
(51) F24S 25/65	(72) Qingchao Zhao	(71) SUSS MicroTec Lithography GmbH
H02S 20/00	Xiaohui Liu	(74) ir. J.C. Volmer c.s.
(21) 2023106	Faxiang Zhang	(72) Christian May
(22) 10.05.2019	Chang Wang	Uwe Vogler
(54) Coupling element between PV assembly and carrier frame	Shaodong Jiang	Fabian Pawlitzek
(71) OPTIXOLAR Holding B.V.	Hui Li	Georg Fink
(74) ir. H.A. Witmans c.s.	Long Ma	Ghazahleh Jalali
(72) Simon Daniël Meijer	Yingying Wang	(41) 30.11.2020
(41) 30.11.2020	Jiasheng Ni	(51) G03F 7/20
(51) G01B 5/00	Xiaolei Zhang	(21) 2025435
G01B 5/30	(51) G01N 21/17	(22) 28.04.2020
(21) 2026530	G01B 11/16	(54) RETICLE CAGE ACTUATOR WITH SHAPE MEMORY ALLOY AND MAGNETIC COUPLING MECHANISMS
(22) 24.09.2020	G01H 9/00	(71) ASML Holding N.V.
(54) IN-SITU TIDAL CREEK MICRORELIEF EVOLUTION MONITORING DEVICE AND METHOD	(21) 2023123	(74) ir. A.J.M. van Hoef
(71) Beijing Normal University	(22) 13.05.2019	(72) Hari Krishnan
(74) dr. T. Wittop Koning PhD	(54) System and method for photoacoustic spectroscopy	Kushal Sandeep Doshi
(72) Baoshua Cui	(71) Stichting VU	(31) 62/845,022
Zhonghua Ning	(74) ir. J.C. Volmer c.s.	(32) 08.05.2019
Tian Xie	(72) Davide Iannuzzi	(33) United States of America
(41) 02.12.2020	(41) 01.12.2020	(51) G03F 7/20
(51) G01B 17/02	(51) G01N 29/04	(21) 2025484
G01N 29/07	G01N 29/24	(22) 01.05.2020
(21) 2023144	G01N 29/44	(54) LITHOGRAPHIC APPARATUS AND BUMPER APPARATUS
(22) 15.05.2019	(21) 2023174	(71) ASML Holding N.V.
(54) Measurement device	(22) 21.05.2019	(74) ir. A.J.M. van Hoef
(71) Intero Integrity Services	(54) APPARATUS AND METHOD FOR PIPELINE INSPECTION	(72) Kushal Sandeep Doshi
(74) mr. ir. J. van Breda c.s.	(71) J. van Beugen Beheer B.V.	Hari Krishnan
(72) João André Ferreira Gonçalves	(74) drs. W.H.P. Derks	(31) 62/845,351
Johannes Hendricus Franciscus van Schaik	(72) Sergey Popov	(32) 09.05.2019
Gerardus Antonius Johannes Jacobs	(41) 01.12.2020	(33) United States of America
(41) 01.12.2020	(51) G01N 33/68	(51) G03F 7/20
(51) G01H 9/00	(21) 2023062	(21) 2025390
G06T 7/207	(22) 03.05.2019	(22) 21.04.2020
(21) 2024715	(54) Protein current trace signal acquisition using a nanopore	(54) LITHOGRAPHIC APPARATUS, SUBSTRATE TABLE, AND NON-UNIFORM COATING METHOD
(22) 21.01.2020	(71) Technische Universiteit Delft	(71) ASML Holding N.V.
(54) METHOD AND SYSTEM FOR MEASURING MICRO-AMPLITUDE VIBRATION OF THIN-WALLED PART BASED ON MOTION AMPLIFICATION AND OPTICAL FLOW TRACKING	(74) dr. A. Ellens c.s.	(74) ir. A.J.M. van Hoef
(71) Hunan University of Science and Technology	(72) Cornelis Dekker	(72) Bruce Tirri
(74) ir. F.A. Geurts c.s.	Chirlmin Joo	Ping Zhou
(72) Jigang Wu	Laura Restrepo Perez	Elizabeth Mary Stone
Gen Zhou	(41) 30.11.2020	David Hart Peterson
Qiancheng Zhao	(51) G01W 1/10	Mehmet Ali Akbas
Yixian Du	(21) 2023188	Ryan Mayer
Gang Wang	(22) 24.05.2019	Richard Bryan Lewis
Yuan Cheng	(54) Method and apparatus for generating a weather forecast	(31) 62/844,384
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	(71) ALTOP PATENTS II B.V.	
	(74) mr. ir. J. van Breda c.s.	

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(51) G03F 7/20 (21) 2025510 (22) 05.05.2020 (54) LITHOGRAPHIC APPARATUS, SUBSTRATE TABLE, AND METHOD	(51) G06K 9/00 (21) 2024772 (22) 28.01.2020 (54) LEUKOCYTE LOCALIZATION AND SEGMENTATION METHOD BASED ON DEEP NEURAL NETWORK (71) Minjiang University (74) dr. J. van Straaten (72) Zuoyong Li Haoyi Fan Weixia Liu Danying Shen Chang'en Zhou	(51) G07C 13/00 H04L 9/32 H04L 29/06 (21) 2026712 (22) 20.10.2020 (54) An Electronic Voting System and Its Method Based on Blockchain (71) Shenzhen Polytechnic (74) A. Rivière (72) Haibo Yi Zhe Nie
(71) ASML Holding N.V. ASML Netherlands B.V. (74) ir. A.J.M. van Hoef (72) Matthew Lipson Satish Achanta Benjamin David Dawson Tammo Uitterdijk Iliya Sigal Matthew Anthony Sorna	(31) 62/852,578 (32) 24.05.2019 (33) United States of America	(51) G07D 7/181 G07D 11/30 G07D 11/32 (21) 2023192 (22) 24.05.2019 (54) Method and assembly for estimating the active life of products (71) De Nederlandsche Bank N.V. (74) ir. F.A. Geurts c.s. (72) Gerardus Marie Jozef Otten Ronald Alexander de Meester
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(51) G06K 9/00 (21) 2024777 (22) 28.01.2020 (54) BLOOD LEUKOCYTE SEGMENTATION METHOD BASED ON COLOR COMPONENT COMBINATION AND CONTOUR FITTING	(41) 01.12.2020 (31) 201910426321.0 (32) 21.05.2019 (33) China	(31) 16/847,358 16/572,546 62/859,722 62/846,536 62/846,532 62/846,506 (32) 13.04.2020 16.09.2019 11.06.2019 10.05.2019 10.05.2019 10.05.2019 (33) United States of America United States of America

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(51) G21F 3/00	(74) ir. H.A. Witmans c.s.
G21F 1/02	(72) Jie Bai
(21) 2023142	Xianfeng Wu
(22) 15.05.2019	Dongyun Li
(54) Portable temporary radioactive screening device	(51) H04L 29/08
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H02N 2/06	(71) Pevra B.V.
(21) 2025198	(74) ir. A. Blokland c.s.
(22) 24.03.2020	(72) Frans Hendrik Evenblij
(54) GMM-BASED MACRO-MICRO LINEAR ACTUATOR	Petrus Gerhardus Wilhelmus van Apeldoorn
(71) Anhui University of Science and Technology	Harry Stephanus Boog
(74) drs. P.A. van Essen c.s.	(41) 01.12.2020
(72) Tian Xie	(51) H05B 6/06
Caofeng Yu	(21) 2025149
Qiyang Huang	(22) 17.03.2020
Meijun Xiong	(54) Induction heating device
Shun Wang	(71) Aktiebolaget SKF
(41) 26.11.2020	(74) J. Hoekstra
(31) CN201911311734.0	(72) Alberto Javier Herrera Caballero
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(33) China	Dave Spitzer
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(71) MGEnergy Systems B.V.	
(74) drs. P.F.H.M. van Someren c.s.	
(72) Sietse Dirk Schat	
Andries Symen Kooistra	
Gerard Van der Schaar	
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(71) AOWEI information technology (Jiangsu) Co., Ltd.	
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(72) Jie Bai	
Xianfeng Wu	
Dongyun Li	
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(73) Shandong Institute of Pomology	(22) 20.05.2019	(73) Lely Patent N.V.
(72) Haibo Wang	(54) Harvesting conveyor belt for mushrooms	(72) Xiangyu Song
Yuansheng Chang	(73) Jacobus Alexander Jozef Lemmen	(74) ir. M.J.F.M. Corten
Ping He	Marcus Gerardus Maria van Doremaele	(51) A01K 31/12
Sen Wang	(72) Jacobus Alexander Jozef Lemmen	(11) 2023078
Xiaowen He	Marcus Gerardus Maria van Doremaele	(47) 30.11.2020
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Linguang Li	(51) A01K 1/01	(54) Inrichting en houder voor het houden van pluimvee
Li Xu	(11) 2023153	(73) MAKE-IT Agri Solutions B.V.
(74) dr. T. Wittop Koning PhD	(47) 01.12.2020	(72) Marco Theodorus Keursten
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(73) Oreon Holding B.V.	A01K 1/02	Gerrit Hendrik Drost
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(74) ir. H.A. Witmans c.s.	(11) 2023154	(51) A22B 5/00
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(11) 1043253	(72) Jacobus Petrus Maria Dessing	(54) A method and an apparatus for processing a half pig carcass part hanging from a carrier.
(47) 30.11.2020	Frans Jacob de Graaf	(73) Marel Meat B.V.
(22) 06.05.2019	Leendert de Borst	(72) Jan Johannes Meerdink
(54) SCHARNIERLIJST VOOR LUCHTRAMEN VAN KASSEN	Erik Arnoldus Aurik	Franciscus Theodorus Henricus
(73) Dutch Agro Systems B.V.	(74) ir. H.Th. van den Heuvel c.s.	Johannes van der Steen
(72) Shaniel Wishwanand Raghoenath	(51) A01K 11/00	Adriaan Ebergen
(51) A01G 9/24	(11) 2023090	Ronald Kranenborg
E06B 9/52	(47) 30.11.2020	(74) ir. J.C. Volmer c.s.
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(54) GREENHOUSE	(72) Roxie Sabri Romero Muller	(47) 30.11.2020
(73) Ventiguard B.V.	Jort Johannes Wilhelmus Schutte	(22) 03.05.2019
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(74) drs. P.F.H.M. van Someren c.s.	(51) A01K 29/00	(73) Marel Meat B.V.
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A01G 18/64	(11) 2023103	Franciscus Theodorus Henricus
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(54) Device for growing mushrooms	(73) Lely Patent N.V.	(74) ir. J.C. Volmer c.s.
(73) Jacobus Alexander Jozef Lemmen	(72) Xiangyu Song	(51) A22B 7/00
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(72) David Ignacio Habeych Narvaez
Libbe Foekes Tjalma
Robin Eric Jacobus Spelbrink
Marc Christiaan Laus
(74) ir. H.A. Witmans c.s.
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(73) Agrifirm Group B.V.
(72) Josephus Johannes Antonius van Hees
Judith Cecilia Dijcker
(74) ir. A. Blokland c.s.
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(73) In Ovo B.V.
(72) Wouter Sebastiaan Bruins
Wil Marijn Stutterheim
Pete Rowe
(74) dr. A. Krebs
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(72) Klaas Alouis Riepma
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Alexander M. Hoopai
Eric J. Johnson
Jason King
Esteban Leon Duque
Christopher J. Rosser
Andrew J. Stratton
Alim Thawer
James P. Westley
Norbert Wesely
(74) J.M.H. Duyver lic.
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(73) Anbo Amersfoort B.V.
(72) Antonius Bernardus Boerma
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(73) WEST ANHUI UNIVERSITY
(72) Junhui Cheng
Gang Zhang
Jie Fang
Xiaofei Chen
Congbing Wu
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(73) Prominent Holding B.V.
(72) Geertjan van Olst
(74) ir. M. van der Velden
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(72) Omar Tegel
(74) ir. F.E. Hoeben
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(73) Maurice Kruijs
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(54) FOOD PRODUCT DISPENSING SYSTEM
(73) Nutritious Juices & Soups B.V.
(72) Bram van der Veen
Rob Willemsen
Patrick Olaf Edward Dam
Luuk Jan Boevink
Mathijs van Dijk
Kai Franciscus Marc Smit
(74) ir. J.C. Volmer c.s.
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(73) Easy Sanitary Solutions B.V.
(72) Jurgen Hendrik Peter Joseph Keizers
(74) ir. B.J. 't Jong
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(54) INRICHTING VOOR HET AANBRENGEN VAN AFSCHOT IN EEN TE GIETEN VLOER EN WERKWIJZE DAARVOOR
(73) Gerrit Medema

Friso Sander Koorn	(72) Xianfeng Wu	A62B 33/00
(72) Gerrit Medema	Guiyu Li	A62B 19/00
Friso Sander Koorn	(74) ir. H.A. Witmans c.s.	(11) 2023124
(74) drs. P.F.H.M. van Someren c.s.	(51) A61N 1/05	(47) 01.12.2020
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(47) 02.12.2020	ELECTRODE	(74) dr. A. Ellens c.s.
(22) 24.05.2019	(73) Salvia Bioelectronics B.V.	(51) A62D 1/02
(54) ANALYZING BRAIN FUNCTIONING	(72) Daniël Willem Elisabeth Schobben	(11) 2023184
USING BEHAVIORAL EVENT	Hubert Cécile François Martens	(47) 02.12.2020
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(73) Universiteit Leiden	A61N 1/36	fire
(72) Arko Ghosh	(11) 2023092	(73) EcoXtinguish B.V.
(74) dr. A. Krebs	(47) 30.11.2020	(72) Bart de Jonge
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(54) COMPRESSIEKOUS MET INSTELBARE	(73) Salvia Bioelectronics B.V.	(11) 2023118
COMPRESSIEDRUK	(72) Hubert Cécile François Martens	(47) 01.12.2020
(73) Tobrox Holding B.V.	Daniël Willem Elisabeth Schobben	(22) 13.05.2019
(72) Antonius Johannes Cornelis Stokbroekx	(74) P.J. Pollard B.Eng	(54) Schaats, zoals een shorttrackschaats
(74) drs. P.F.H.M. van Someren c.s.	(51) A61N 1/05	(73) KUSHI Sports Netherlands B.V.
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A61K 8/89	(11) 2023093	Otto den Braver
A61L 26/00	(47) 30.11.2020	Daniel Mark Greig
A61Q 19/00	(22) 09.05.2019	(74) ir. B.J. 't Jong
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(73) Medical Compression Solutions B.V.	(72) Daniël Willem Elisabeth Schobben	(54) MODULAR EDUCATIONAL PLAYSET
(72) Fabian Wouters	Hubert Cécile François Martens	FOR PLAYING, CLIMBING AND
(74) ir. A. Blokland c.s.	Maily Guillard	SITTING
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A61K 36/18	(11) 2023095	(11) 2025493
A61K 36/47	(47) 30.11.2020	(47) 26.11.2020
A61K 36/48	(22) 09.05.2019	(22) 04.05.2020
A61K 36/71	(54) AN ELECTRICAL STIMULATION	(54) Cleaning chromatography packed bed
A61K 36/889	DEVICE WITH SYNCHRONIZED	material with the aid of a processing
(11) 1043256	PULSED ENERGY TRANSFER	vessel, and said vessel.
(47) 30.11.2020	(73) Salvia Bioelectronics B.V.	(73) JEMP Holding bv
(22) 10.05.2019	(72) Hubert Cécile François Martens	(72) Marcellus Johannes Hubertus Raedts
(54) Haarolie	Stephen Mark Gee	(74) ir. J.H.W. Assendelft
(73) Chanderdath Mohan	(74) P.J. Pollard B.Eng	(31) 2023070
Krisnakoemarie Mohan-Biere	(51) A62B 1/00	(32) 03.05.2019
(72) Chanderdath Mohan	(11) 2023145	(33) Netherlands
Krisnakoemarie Mohan-Biere	(47) 01.12.2020	(51) B01D 17/00
(51) A61L 2/10	(22) 15.05.2019	B01D 19/00
F26B 9/10	(54) Rope-lowering device and corresponding	E21B 43/34
F26B 21/00	lowering method	G09B 23/00
F26B 25/00	(73) Hendrik Nieuwenhuis	G09B 25/00
(11) 2026508	Cornelis Jan Nieuwenhuis	(11) 2024676
(47) 26.11.2020	Hendrik Christian Verdoold	(47) 26.11.2020
(22) 21.09.2020	(72) Hendrik Nieuwenhuis	(22) 14.01.2020
(54) CLOTH PLACING RACK AND	Cornelis Jan Nieuwenhuis	(54) Automatic Supply System For Gas-
CONTROL METHOD THEREFOR	Hendrik Christian Verdoold	Liquid-Solid Three-Phase Separation
(73) Nanjing Enwell Technology Service Co.,	(74) ir. M. van der Velden	Characteristic Test
Ltd.	(51) A62B 7/08	

(73) QINGDAO UNIVERSITY OF TECHNOLOGY	(54) Vehicle escape assembly	(72) Shahab Jahromi
(72) Xinfu Liu	(73) Life Safety Products B.V.	(74) drs. W.H.P. Derks
Youqiang Wang	(72) Eun Ho Park	(51) B41J 11/00
Ping Zhang	(74) ir. J.C. Volmer c.s.	(11) 2023115
Chao Zhou	(51) B29C 33/00	(47) 01.12.2020
Yaying Wang	B29C 70/44	(22) 13.05.2019
Hongming He	B29D 99/00	(54) Vacuum level calibration for a web-based printer
(74) drs. C.M.A. Quintelier	(11) 2024642	(73) Canon Production Printing Holding B.V.
(31) 201910311906.8	(47) 01.12.2020	(72) Lodewijk T. Holtman
(32) 18.04.2019	(22) 10.01.2020	(74) ir. M.J. Groen
(33) China	(54) INTERNAL HIGH-PRESSURE FORMING DIE AND FORMING METHOD FOR AIRCRAFT TAIL FIN	(51) B60H 1/32
(51) B02C 23/18	(73) School of Mechanical Engineering, Shaanxi University of Technology	B60H 1/00
(11) 2023148	(72) Yongqiang Zhao	(11) 2023182
(47) 01.12.2020	Hongling Hou	(47) 01.12.2020
(22) 16.05.2019	(74) dr. T. Wittop Koning PhD	(22) 23.05.2019
(54) COMPOSITION FOR DUST SUPPRESSION	(31) 201910422024.9	(54) Air conditioning module, modular air conditioning system, transport vehicle and method
(73) W&C Holding B.V.	(32) 21.05.2019	(73) Heering Group B.V.
(72) Wybren Jan Beeksmas	(33) China	(72) Patrick Heering
(74) dr. T. Hubregtse	(51) B29C 39/10	(74) ir. F.A. Geurts c.s.
(51) B07C 1/02	B29C 39/26	(51) B60L 1/00
B07C 5/342	(11) 2023107	B60L 8/00
C22B 7/00	(47) 30.11.2020	(11) 2023114
(11) 2023190	(22) 10.05.2019	(47) 01.12.2020
(47) 02.12.2020	(54) Method and gasket for producing a polymethyl methacrylate plate	(22) 13.05.2019
(22) 24.05.2019	(73) HEATHLAND HOLDING B.V.	(54) Electric or hybrid means of transport with a solar panel.
(54) Werkwijze en inrichting voor het vanaf een vlak uitnemen van objecten	(72) Nikolaj Garnitsch	(73) Atlas Technologies Holding B.V.
(73) Technische Universiteit Delft	Simon van der Heijden	(72) Tom Kooijman
(72) Peter Carlo Rem	(74) ir. H.Th. van den Heuvel c.s.	(51) B60L 53/10
Simon Petrus Maria Berkhout	(51) B29C 64/135	B64C 39/02
(74) ir. H.A. Witmans c.s.	G03F 7/20	(11) 2024584
(51) B07C 5/344	B33Y 10/00	(47) 26.11.2020
(11) 2023193	B33Y 30/00	(22) 27.12.2019
(47) 02.12.2020	(11) 2023079	(54) AUXILIARY CHARGING SYSTEM FOR DRONE
(22) 24.05.2019	(47) 30.11.2020	(73) BINZHOU UNIVERSITY
(54) Inrichting en werkwijze voor het vanaf een vlak uitnemen van objecten	(22) 06.05.2019	(72) Guoli Ma
(73) Technische Universiteit Delft	(54) APPARATUS AND METHOD FOR GENERATING A 3D STRUCTURE	Xin Zhang
(72) Peter Carlo Rem	(73) Xeikon Prepress N.V.	Yumeng Ma
Simon Petrus Maria Berkhout	(72) Bart Wattyn	Xiaoqiang Han
(74) ir. H.A. Witmans c.s.	(74) drs. P.F.H.M. van Someren c.s.	(74) ir. H.Th. van den Heuvel c.s.
(51) B08B 3/02	(51) B30B 11/20	(31) 201811624788.8
B60P 3/30	(11) 2023087	(32) 28.12.2018
(11) 1043255	(47) 30.11.2020	(33) China
(47) 30.11.2020	(22) 08.05.2019	(51) B60L 53/36
(22) 08.05.2019	(54) Pellet breaking device	B60L 53/66
(54) Service vehicle with pressure control	(73) CPM Europe B.V.	G01S 5/02
(73) Rior, Industrie- en Handelsonderneming B.V.	(72) Jan-Willem van Lindenberg	G05D 1/02
(72) Marc Petrus Bernardus Soethout	Lukas Meijer	(11) 2023068
(74) drs. O. Griebing	Maurice Bindels	(47) 30.11.2020
(51) B08B 3/02	(74) mr. ir. J. van Breda c.s.	(22) 03.05.2019
F01N 3/02	(51) B32B 37/10	(54) System and method for positioning a mobile assembly
(11) 1043254	B32B 37/12	(73) Prodrive Technologies B.V.
(47) 30.11.2020	B32B 7/06	(72) Koen Joseph Meessen
(22) 08.05.2019	B32B 7/12	(74) Michel Gilio
(54) Service engine with exhaust cooling	B32B 37/00	(51) B62D 25/16
(73) Rior, Industrie- en Handelsonderneming B.V.	B32B 38/10	B62D 35/00
(72) Marc Petrus Bernardus Soethout	(11) 2023146	(11) 2023140
(74) drs. O. Griebing	(47) 01.12.2020	(47) 01.12.2020
(51) B25H 3/00	(22) 15.05.2019	(22) 15.05.2019
(11) 2023172	(54) PROCESS FOR MAKING MULTILAYER STRUCTURE WITH BARRIER PROPERTIES	(54) Low drag rear wheel bay
(47) 01.12.2020	(73) Knowfort Holding B.V.	(73) DAF TRUCKS N.V.
(22) 21.05.2019		(72) Rob Adrianus Johannes van den Heijkant

Niek Jan Gerard van Dijk	(74) ir. H.A. Witmans c.s.	(51) B65G 19/28
Date Willem Egbert Rentema	(51) B63B 35/00	B65G 19/08
Frouke Kruijssen	F03D 13/10	(11) 2023128
Michiel van Nesselrooij	E02B 17/02	(47) 01.12.2020
(74) ir. H.A. Witmans c.s.	F03D 13/25	(22) 14.05.2019
(51) B62D 53/08	(11) 2023137	(54) SYSTEEM VOOR HET BEKLEDEN
(11) 2023076	(47) 01.12.2020	VAN DE BINNENZIJD VAN EEN
(47) 30.11.2020	(22) 15.05.2019	TRANSPORTGOOT VAN EEN
(22) 06.05.2019	(54) Wind turbine assembly installation device	KETTINGTRANSPORTEUR
(54) A semitrailer towing vehicle comprising a fifth wheel assembly.	and method	(73) CIASS EDE B.V.
(73) DAF Trucks N.V.	(73) Kenz Fige Group B.V.	(72) Joey van Beek
(72) Ronald Antonius Johannes van Knippenberg	(72) Jan Pieter Klaver	(74) drs. C.H. Mink-Lindenburg
Victor Raue	Gerardus Cornelius van Grieken	(51) B65H 43/06
(74) ir. H.A. Witmans c.s.	(74) ir. F.A. Geurts c.s.	B65H 31/30
(51) B62M 6/90	(51) B63B 35/03	(11) 2023189
(11) 2023156	B65H 49/28	(47) 02.12.2020
(47) 01.12.2020	B65H 75/22	(22) 24.05.2019
(22) 17.05.2019	B63B 35/04	(54) SHEET STACKER COMPRISING
(54) Locking device for locking a battery unit, as well as a bicycle and a method for unlocking a battery unit	B65H 49/32	AN IDLE TIME COUNTER FOR
(73) AXA Stenman Nederland B.V.	B65H 57/18	EJECTING A SHEET STACK AFTER A
(72) Marinus Tijmen van Ede	B65H 75/24	PREDETERMINED IDLE PERIOD
Marco Dimphina Henricus Stunnebrink	H02G 1/10	(73) Canon Production Printing Holding B.V.
Martijn Cornelis Smit	(11) 2023074	(72) Erik J. Scheppink
(74) ir. H.A. Witmans c.s.	(47) 30.11.2020	(74) ir. M.J. Groen
(51) B63B 1/38	(22) 06.05.2019	(51) B66C 23/52
B63B 1/34	(54) Modular spool storage device, modular support structure and combination thereof	B66C 23/70
(11) 2023149	(73) Itrec B.V.	B66C 23/82
(47) 01.12.2020	(72) Ronny Lambertus Waltherus Nouwens	(11) 2023067
(22) 16.05.2019	Wouter Johannes Slob	(47) 30.11.2020
(54) Air release unit with diverging side walls	Terence Willem August Vehmeijer	(22) 03.05.2019
(73) Silverstream Technologies B.V.	(74) ir. J.C. Volmer c.s.	(54) compact jib crane
(72) Noah Silberschmidt	(51) B65D 1/40	(73) Itrec B.V.
Jørgen Clausen	B65D 23/00	(72) Joop Roodenburg
Johannes Johannesson	B65D 85/30	(74) ir. J.C. Volmer c.s.
(74) ir. M.F.J.M. Ketelaars c.s.	(11) 2023339	(51) B66C 23/64
(51) B63B 21/16	(47) 01.12.2020	(11) 1043257
B66D 1/50	(22) 19.06.2019	(47) 01.12.2020
B66D 1/14	(54) Method of handling plastic packages	(22) 14.05.2019
(11) 2023108	(73) FiliGrade B.V.	(54) Voorzetmast ten behoeve van hijs- en hefwerktuigen.
(47) 30.11.2020	(72) Johannes Bernardus Kerver	(73) Jachelpet B V
(22) 10.05.2019	(74) ir. J.C. Volmer c.s.	(72) Peter Paul Thomas Cornelia Stoof
(54) Towing winch system and a method to carry out a towing operation, in particular an escort operation for assisting a vessel in passing a water passage.	(74) ir. J.C. Volmer c.s.	(51) B66C 23/70
(73) Tugpins B.V.	(31) 2023133	(11) 2023186
(72) Johannes Bernardus Gerardus Kreischer	(32) 14.05.2019	(47) 02.12.2020
(74) ir. J.C. Volmer c.s.	(33) Netherlands	(22) 24.05.2019
(51) B63B 27/14	(51) B65D 27/00	(54) KRAANARMVERLENGSTUK, KRAAN
B63B 27/30	B65D 33/14	VOORZIEN VAN EEN DERGELIJK
(11) 2023134	A61B 50/31	KRAANARMVERLENGSTUK EN
(47) 01.12.2020	(11) 2023166	WERKWIJZE VOOR HET IN EEN
(22) 14.05.2019	(47) 01.12.2020	TRANSPORTSTAND BRENGEN VAN
(54) Telescopic gangway, motion compensation system, vessel, and offshore structure	(22) 20.05.2019	EEN DERGELIJKE KRAAN
(73) Ampelmann Holding B.V.	(54) Portable carrier and method of filling such a portable carrier with clean care products	(73) Gierkink Exploitatie B.V.
(72) Ricco Johannes Delfos	(73) Bouten Design	(72) Michel Bernardus Johanna Gierkink
Alexander Germain Verweij	(72) Robin Bouten	(74) drs. C.H. Mink-Lindenburg
Alexander Leopold Albert Boudewijn Ronse	(74) drs. P.F.H.M. van Someren c.s.	(51) B67D 1/00
Alexander Anton Soonieus	(51) B65D 43/02	B67D 1/08
Arie Jan Göbel	(11) 2023143	B67D 7/02
	(47) 01.12.2020	(11) 2023122
	(22) 15.05.2019	(47) 01.12.2020
	(54) Packaging	(22) 13.05.2019
	(73) Hordijk Verpakkingsindustrie Zaandam B.V.	(54) PRODUCT DISPENSING SYSTEM AND METHOD
	(72) Erik Johannes Hendrikus Ubbink	(73) WeLL Design B.V.
	(74) mr. ir. J. van Breda c.s.	(72) Mathijs van Dijk
		Arjan Koen Oosterhuis
		Bram van der Veen

Rob Willemsen (74) ir. J.C. Volmer c.s. (51) C01B 25/02 C02F 1/52 (11) 2023083 (47) 30.11.2020 (22) 07.05.2019 (54) A process for recovering elemental phosphorus (73) AXPIP BV (72) Franciscus Henricus Horstink (74) drs. A.A. Jilderda	(47) 30.11.2020 (22) 08.05.2019 (54) Method and device for depositing a fiber material layer on a carrier (73) INNOVATIVE MECHANICAL ENGINEERING TECHNOLOGIES B.V. (72) Paul Johannes Franciscus Maria Janssen Ramon Hubertus Mathijs Solberg (74) ir. M.F.J.M. Ketelaars c.s. (51) E01F 9/688 (11) 1043261 (47) 01.12.2020 (22) 17.05.2019 (54) SYSTEEM VOOR VERKEERSAFZETTINGEN (73) Den Dulk Infra, consultancy en advies (72) Leenderd den Dulk (51) E02F 3/88 E02F 7/02 E02F 7/06 (11) 2023075 (47) 30.11.2020 (22) 06.05.2019 (54) Excavator having a suction pump and method of excavating material with such an excavator (73) Hoogendijk Infra B.V. (72) Johannes Martinus Hoogendijk (74) drs. P.F.H.M. van Someren c.s. (51) E03D 9/03 (11) 2023183 (47) 01.12.2020 (22) 23.05.2019 (54) Substance dispenser, use thereof, and method for manufacturing (73) Toilet Tapes B.V. (72) Oskar Anthoni de Waal (74) ir. H.A. Witmans c.s. (51) E03F 5/04 (11) 2023130 (47) 01.12.2020 (22) 14.05.2019 (54) Combinatie van een afvoer, zoals een afvoerput of douchegoot, en een afdichting (73) Easy Sanitary Solutions B.V. (72) Jurgen Hendrik Peter Joseph Keizers (74) ir. B.J. 't Jong (51) E03F 5/04 F16K 15/14 (11) 2023131 (47) 01.12.2020 (22) 14.05.2019 (54) Langwerpige siliconen afsluiter (73) Easy Sanitary Solutions B.V. (72) Jurgen Hendrik Peter Joseph Keizers (74) ir. B.J. 't Jong (51) E04B 1/00 (11) 2023159 (47) 01.12.2020 (22) 17.05.2019 (54) WERKWIJZE EN BEVESTIGINGSELEMENT VOOR HET AAN EEN NIEUWBOUWGEVEL BEVESTIGEN VAN EEN UITKRAGEND ELEMENT	(73) H.J.J. Evers Beheer B.V. (72) Ramon Bosman Petrus Johannes Antonius Kok (74) drs. P.F.H.M. van Someren c.s. (51) E04D 1/36 (11) 2023175 (47) 01.12.2020 (22) 21.05.2019 (54) Onderlegemeent voor dakbedekkings- of gevelbekledingselementen (73) GPO Advies (72) Gerardus Andreas Wilhelmus Polman (74) drs. P.F.H.M. van Someren c.s. (51) E21C 25/06 E21C 31/02 E21C 35/24 (11) 2024359 (47) 26.11.2020 (22) 02.12.2019 (54) Combined Coal Rock Presplitting and Pick Breaking System (73) SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY (72) Qiang Zhang Ying Tian Jinpeng Su (74) drs. C.M.A. Quintelier (51) F16F 9/12 F16F 9/14 (11) 2023944 (47) 02.12.2020 (22) 03.10.2019 (54) Rotary Damper (73) Profunda B.V. (72) Frank Vesper Susanne Haug (74) mr. ir. J.H. Klooster (31) 2023163 (32) 20.05.2019 (33) Netherlands (51) F16M 11/26 F16M 11/42 (11) 2025639 (47) 02.12.2020 (22) 20.05.2020 (54) MOBIEL WEERGAVESYSTEEM (73) Nurama BVBA (72) Alexander Mazurek Bruno Bocchialini (74) ir. J.H. de Hoog (31) 2019/5332 (32) 21.05.2019 (33) Belgium (51) F24D 3/14 E04F 15/18 (11) 2023088 (47) 30.11.2020 (22) 08.05.2019 (54) VLOERVERWARMINGSSYSTEEM EN WERKWIJZE VOOR HET AANBRENGEN VAN VLOERVERWARMING (73) Hajee B.V. (72) Hubert Jan de Wilde (74) drs. P.F.H.M. van Someren c.s. (51) F24S 25/65 H02S 20/00
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(11) 2023106	G01N 29/24	(54) Method and apparatus for generating a weather forecast
(47) 30.11.2020	G01N 29/44	(73) Studio34 B.V.
(22) 10.05.2019	(11) 2023174	(72) Edwin Rijkaart van Cappellen
(54) Coupling element between PV assembly and carrier frame	(47) 01.12.2020	(74) ir. A. Blokland c.s.
(73) OPTIXOLAR Holding B.V.	(22) 21.05.2019	
(72) Simon Daniël Meijer	(54) APPARATUS AND METHOD FOR PIPELINE INSPECTION	(51) G01W 1/14
(74) ir. H.A. Witmans c.s.	(73) J. van Beugen Beheer B.V.	(11) 2023081
(51) G01B 5/00	(72) Sergey Popov	(47) 30.11.2020
G01B 5/30	(74) drs. W.H.P. Derks	(22) 07.05.2019
(11) 2026530	(51) G01N 30/02	(54) REGEN/VLOEISTOFSENSOR MET IR-LICHTABSORPTIE
(47) 02.12.2020	G01N 30/06	(73) ALTOP PATENTS II B.V.
(22) 24.09.2020	G01N 30/72	(72) Sam Speijers
(54) IN-SITU TIDAL CREEK MICRORELIEF EVOLUTION MONITORING DEVICE AND METHOD	G01N 30/86	(74) mr. ir. J. van Breda c.s.
(73) Beijing Normal University	(11) 2022959	(51) G03F 1/62
(72) Baoshan Cui	(47) 26.11.2020	(11) 2025951
Zhonghua Ning	(22) 17.04.2019	(47) 30.11.2020
Tian Xie	(54) IDENTIFICATION METHOD OF CHARACTERISTIC VOLATILE COMPOUNDS IN MEAT OR MEAT PRODUCTS	(22) 30.06.2020
(74) dr. T. Wittop Koning PhD	(73) Institute of Food Science and Technology Chinese Academy of Agricultural Sciences	(54) Metal-Silicide-Nitridation for Stress Reduction
(51) G01B 17/02	(72) Dequan Zhang	(62) 2023840
G01N 29/07	Huan Liu	(73) ASML Netherlands B.V.
(11) 2023144	Zhenyu Wang	(72) Pieter-Jan van Zwol
(47) 01.12.2020	Li Chen	Johan Hendrik Klootwijk
(22) 15.05.2019	Teng Pan	Adrianus Johannes Maria Giesbers
(54) Measurement device	Xin Li	Evgenia Kurganova
(73) Intero Integrity Services	Teng Hui	Arnoud Willem Notenboom
(72) João André Ferreira Gonçalves	Chengli Hou	Mária Péter
Johannes Hendricus Franciscus van Schaik	Xiaochun Zheng	David Ferdinand Vles
Gerardus Antonius Johannes Jacobs	(74) dr. J. van Straaten	Maxim Aleksandrovich Nasalevich
(74) mr. ir. J. van Breda c.s.	(31) 201910100485.4	Leonid Aizikovitsj Sjmaenok
(51) G01H 9/00	(32) 31.01.2019	Ties Wouter van der Woord
G06T 7/207	(33) China	(74) ir. A.J.M. van Hoef
(11) 2024715	(51) G01N 33/68	(31) 17200069.7
(47) 01.12.2020	(11) 2023062	18179205.2
(22) 21.01.2020	(47) 30.11.2020	(32) 06.11.2017
(54) METHOD AND SYSTEM FOR MEASURING MICRO-AMPLITUDE VIBRATION OF THIN-WALLED PART BASED ON MOTION AMPLIFICATION AND OPTICAL FLOW TRACKING	(22) 03.05.2019	22.06.2018
(73) Hunan University of Science and Technology	(54) Protein current trace signal acquisition using a nanopore	(33) European Patent Office (EPO)
(72) Jigang Wu	(73) Technische Universiteit Delft	European Patent Office (EPO)
Gen Zhou	(72) Cornelis Dekker	(51) G03F 7/00
Qiancheng Zhao	Chirlmin Joo	(11) 2023097
Yixian Du	Laura Restrepo Perez	(47) 30.11.2020
Gang Wang	(74) dr. A. Ellens c.s.	(22) 09.05.2019
Yuan Cheng	(51) G01V 3/04	(54) Stamp replication device and method for producing a holding means for a stamp replication device as well as a stamp
(74) ir. F.A. Geurts c.s.	G01V 11/00	(73) SUSS MicroTec Lithography GmbH
(31) 201910401791.1	(11) 2024504	(72) Christian May
(32) 15.05.2019	(47) 26.11.2020	Uwe Vogler
(33) China	(22) 18.12.2019	Fabian Pawlitzek
(51) G01N 21/17	(54) POTENTIAL AND TEMPERATURE ACQUISITION SYSTEM	Georg Fink
G01B 11/16	(73) Anhui University of Science and Technology	Ghazahleh Jalali
G01H 9/00	(72) Ruijin Li	(74) ir. J.C. Volmer c.s.
(11) 2023123	Leilei Sun	(51) G05B 13/04
(47) 01.12.2020	Laigong Guo	(11) 2024372
(22) 13.05.2019	(74) drs. P.A. van Essen c.s.	(47) 30.11.2020
(54) System and method for photoacoustic spectroscopy	(31) CN2019112050837	(22) 04.12.2019
(73) Stichting VU	(32) 29.11.2019	(54) ANTI-OSCILLATION ADAPTIVE CONTROL METHOD FOR FRACTIONAL ORDER ARCHED MEMS RESONATOR
(72) Davide Iannuzzi	(33) China	(73) Chongqing Aerospace Polytechnic
(74) ir. J.C. Volmer c.s.	(51) G01W 1/10	(72) Shaohua Luo
(51) G01N 29/04	(11) 2023188	Zhaoqin Liu
	(47) 02.12.2020	Yongjie Qu
	(22) 24.05.2019	Zhihong Ge
		(74) ir. A.R. Aalbers
		(31) 201811543428.5

(32) 17.12.2018	(73) Jan Carolus Marie Meurs	Qiyang Huang
(33) China	(72) Jan Carolus Marie Meurs	Meijun Xiong
(51) G06K 9/00	Cornelis Scholten	Shun Wang
(11) 2024772	(74) ir. A. Blokland c.s.	(74) drs. P.A. van Essen c.s.
(47) 01.12.2020	(51) G06Q 10/00	(31) CN201911311734.0
(22) 28.01.2020	(11) 1037916	(32) 18.12.2019
(54) LEUKOCYTE LOCALIZATION AND SEGMENTATION METHOD BASED ON DEEP NEURAL NETWORK	(47) 30.11.2020	(33) China
(73) Minjiang University	(22) 26.04.2010	(51) H01M 2/02
(72) Zuoyong Li	(54) Building management system, and system for intelligently cleaning a building.	H01M 2/10
Haoyi Fan	(73) The Clean Air Factory B.V.	H01M 10/625
Weixia Liu	(72) Petrus Johannes Wilhelmus van Herp	H01M 10/627
Danying Shen	Johannes Hermanus Petrus Maria Oonk	H01M 10/6564
Chang'en Zhou	Tijmen Karel Jan Boogers	(11) 2023100
(74) dr. J. van Straaten	(74) drs. O. Griebing	(47) 30.11.2020
(31) 201910426658.1	(31) 1037270	(22) 09.05.2019
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726666 P	(73) Amor Gummiwaren GmbH	(72) GONCALVES, Elisabete TAUCHMANN, Christin YEN, Shau-fong
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B32B 15/01	YAMAMOTO, Shinichi	FOR PRODUCING THE SAME
C22C 1/08	HORIE, Hiromichi	(73) Oerlikon Trading AG, Trübbach
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(22) 01.06.2015	C22C 45/00	United States of America
(54) POROUS ALUMINUM COMPOSITE	C22C 45/08	(51) B23B 27/14
AND METHOD FOR MANUFACTURING	C22C 45/10	B23B 27/20
POROUS ALUMINUM COMPOSITE	B33Y 10/00	B23B 51/00
(73) Mitsubishi Materials Corporation	B33Y 70/00	B23C 5/16
(72) YANG Ji-bin	(11) EP3402623	B23D 77/00
KITA Koichi	(21) EP17707419.2	B23F 21/00
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(51) B22F 1/00	(72) ZRODOWSKI, Lukasz	(47) 02.12.2020
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(22) 31.07.2017	B22F 3/24	SUMIYA, Hitoshi
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AND METHOD FOR PRODUCING	C22C 21/00	(32) 07.10.2016
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(73) Sumitomo Electric Industries, Ltd.	(11) EP3047043	(51) B23B 49/02
(72) FUKAE, Kosuke	(21) EP14846311.0	(11) EP3290139
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(72) ROBERTS, Matthew K. CRAIG, Brent F. ISIDRO, Aurelio C.	(22) 24.08.2016 (54) DEVICE FOR PRODUCING A BLADE (73) MTU Aero Engines AG	(31) 201414536058 (32) 07.11.2014 (33) United States of America
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(51) B23B 49/02	(32) 03.09.2015	H02M 1/40
B23G 1/16	(33) Germany	H02M 7/487
B23P 6/00	(51) B23K 9/00	(11) EP3215297
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(47) 02.12.2020	F16B 5/08	(54) METHOD AND APPARATUS
(22) 17.10.2018	(11) EP3202528	INCLUDING A BALANCED DC BUS
(54) METHOD AND TOOL FOR	(21) EP15847981.6	FOR PROVIDING POWER IN AN ARC
RECONDITIONING A DAMAGED	(47) 02.12.2020	WELDER
THREAD	(87) JP2015078039	(73) Illinois Tool Works Inc.
(73) LEONARDO S.p.A.	07.04.2016	(72) SCHARTNER, Quinn W.
(72) COLOMBO, Dario	(22) 02.10.2015	VOGEL, Bernard J.
REGONINI, Roberto	(54) WELD CONSTRUCTION MEMBER AND	NELSON, Andrew D.
FIORIO, Sergio	MANUFACTURING METHOD THEREOF	(31) 201414535994
(51) B23D 59/02	(73) Nippon Steel Corporation	(32) 07.11.2014
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(73) Husqvarna AB	(51) B23K 9/073	USING PROTECTIVE GAS
(72) VIKHOLM, Jens	B23K 9/09	(73) Linde GmbH
KÜSEL, Robert	B23K 9/095	(72) Siewert, Erwan
HELLBERG, Tommy	B23K 9/12	(31) 102013016452
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(51) B23D 61/00	(73) Lincoln Global, Inc.	(47) 02.12.2020
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(47) 02.12.2020	(33) United States of America	(54) PLASMA TORCH
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(22) 21.03.2017	B23K 9/10	MOTOYAMA Masatoshi
(54) BLADE FOR OSCILLATING	H02M 1/40	IIZUKA Tetsuya
TOOLS HAVING DUAL MOUNTING	H02M 7/487	KANDA Susumu
CONFIGURATIONS	(11) EP3215298	SAKAMOTO Katsuhiko
(73) Robert Bosch GmbH	(21) EP15784892.0	HURUJO Akira
(72) BERNARDI, Walter	(47) 02.12.2020	SAKAI Daiji
ALAM, Saad	(87) US2015055182	(31) 2013170324
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(32) 08.04.2016	(54) METHOD AND APPARATUS	(51) B23K 11/11
(33) United States of America	INCLUDING FLUX BALANCING FOR	B23K 11/14
(51) B23H 3/04	PROVIDING POWER IN AN ARC	B23K 11/24
B23H 3/10	WELDER	B23K 11/25
B23H 9/10	(73) Illinois Tool Works Inc.	B23K 103/04
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(32) 19.08.2009	B23K 35/363	METHOD FOR MANUFACTURING
30.10.2009	C22C 21/00	SAME
(33) Japan	C22C 21/02	(73) Nippon Steel & Sumikin Stainless Steel
Japan	F28F 21/08	Corporation
(51) B23K 11/25	(11) EP2527078	(72) HAYASHI Atsutaka
B23K 11/26	(21) EP11734665.0	HIRAIDE Nobuhiko
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(47) 02.12.2020	28.07.2011	(32) 17.02.2016
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(54) ELECTRIC WELDING METHOD	(54) HEAT EXCHANGER TUBE	(51) B23K 101/00
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(72) RUSCH, Hans-Jürgen	(72) KATSUMATA, Masaya	B23K 103/04
ZSCHETZSCHE, Jörg	HYOGO, Yasunori	B23K 103/08
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(87) JP2017032834	C22C 38/00	METHOD THEREFOR
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(22) 12.09.2017	C22C 38/04	(72) MIWA Yoshiharu
(54) SOLDER ALLOY, SOLDER BALL AND SOLDER JOINT	C22C 38/06	HASEGAWA Yoshinori
(73) Senju Metal Industry Co., Ltd	C22C 38/42	NODA Takayuki
(72) TACHIBANA Ken	C22C 38/44	MORI Hiroki
NOMURA Hikaru	C22C 38/46	ETA Michiharu
IJIMA Yuki	C22C 38/48	(31) 2011108458
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(33) Japan	METHOD AND INTERFERENCE	(22) 13.01.2011
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Japan	MACHINE TOOL	ON A SUPPORT AND SKID USING
(51) B23P 9/02	(73) Makino Milling Machine Co., Ltd.	SUCH A CLAMP
C21D 7/12	(72) KASAHARA, Tadashi	(73) Eisenmann SE
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metal stack	LENS SEPARATING METHOD	B25B 23/157
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B25B 23/04	17.05.2018	TSUJI, Hiroshi
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B64D 45/02	(54) METHOD FOR TWO-SIDED	(32) 16.04.2009
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(73) The Boeing Company	(11) EP3312112	(73) Koki Holdings Co., Ltd.
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(47) 02.12.2020	FOR VERTICALLY DRIVING ROBOT	United States of America
(22) 06.12.2013	(73) President and Fellows of Harvard	United States of America
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(73) Techtronic Outdoor Products Technology	(72) DUBROVSKY, Zivthan	(51) B25J 9/00
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(72) Maynez, Rafael	SALLUM, Hani	B25J 18/06
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(33) France	(54) DEVICE AND METHOD FOR CYCLE- AND COST-OPTIMIZED THERMAL TRANSFORMATION OF HOSE BLANKS	(54) METHOD OF PRODUCING SHRINK SLEEVE LABELS AND DEVICE FOR THEIR PRODUCTION
(51) B29C 49/04	(73) Creative Balloons GmbH	(73) Sacmi Verona S.P.A.
B29C 49/22	Göbel, Fred	(72) PEDERCINI, Maurizio
B29C 49/48	(72) GÖBEL, Fred	PARRINELLO, Fiorenzo
B29K 23/00	(31) 102014005902	FARINA, Andrea
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(54) DOUBLE-LAYERED CONTAINER AND METHOD FOR PRODUCTION OF SAME	B29L 31/50	(33) Italy
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(72) HATAKEYAMA Kazuyuki	(21) EP16807431.8	(51) B29C 59/10
HATAKEYAMA Harumasa	(47) 02.12.2020	D06B 11/00
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		(54) METHOD FOR PRODUCING A CLADDING HOSE FOR CLADDING PIPELINES AND DEVICE FOR PERFORMING THE METHOD

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(54) PNEUMATIC TIRE AND METHOD FOR	AND METHOD OF MANUFACTURING	(73) Hueck Rheinische GmbH
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SUPPORT HEAVY LOADS	Nebel, Christian	BETTOJA, Ms. Federica
(73) Compagnie Générale des	(51) B60G 9/00	CRIVELLARI, Mr. Attilio
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B65F 3/00	B60L 53/12	SARUWATARI, Takahiro
B65F 3/02	B60L 53/39	IKEDA, Tatsuhiko
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(73) Volvo Truck Corporation	(32) 18.07.2018	SEWN COVERINGS ON SUPPORT
(72) BRYNGELSSON, Hanna	(33) Germany	PARTS
GELSO, Esteban	(51) B60N 2/12	(73) Leather Components Vertriebs-Ug
(51) B60M 1/34	F16C 1/22	(Haftungsbeschränkt)
(11) EP3473491	(11) EP3102841	(72) Schaller, Wolfgang
(21) EP18201475.3	(21) EP15701793.0	(31) 202015002525 U
(47) 02.12.2020	(47) 02.12.2020	202015006497 U
(22) 19.10.2018	(87) EP2015051821	(32) 08.04.2015
(54) GROUND-LEVEL POWER SUPPLY	13.08.2015	21.09.2015
SYSTEM FOR A VEHICLE AND	(22) 29.01.2015	(33) Germany
ASSOCIATED REINFORCEMENT	(54) VEHICLE SEAT, IN PARTICULAR	Germany
METHOD	MOTOR VEHICLE SEAT	(51) B60P 1/02
(73) ALSTOM Transport Technologies	(73) Adient Luxembourg Holding S.à r.l.	(11) EP3388283
(72) GAUTIER, Yann	(72) PLUTA, Wolfgang	(21) EP18166924.3
GARDILLE, Quentin	WOLF, Christian	(47) 02.12.2020
RIBALKA, Florian	DILL, Thomas	(22) 12.04.2018
(31) 1759812	CHRISTOFFEL, Thomas	(54) LIFTING SYSTEM, AS WELL AS
(32) 19.10.2017	(31) 102014202315	VEHICLE PROVIDED WITH THE
(33) France	102014206537	LIFTING SYSTEM
(51) B60N 2/00	(32) 07.02.2014	(73) Bink, Henk
B60N 5/00	04.04.2014	Bink, Phia
B61D 41/00	(33) Germany	(72) BINK, Henk
(11) EP3529106	Germany	(31) 2018698
(21) EP17790833.2	(51) B60N 2/28	(32) 12.04.2017
(47) 02.12.2020	(11) EP3345784	(33) Netherlands
(87) GB2017053182	(21) EP18150980.3	(51) B60P 1/02
26.04.2018	(47) 02.12.2020	(11) EP3523161
(22) 20.10.2017	(22) 19.07.2010	(21) EP17784530.2
(54) SEAT OCCUPANCY MONITOR	(54) CHILD CAR SEAT	(47) 02.12.2020
(73) McLaren Applied Limited	(73) Wonderland Switzerland AG	(87) AT2017060221
(72) GRIFFITHS, Matthew John	(72) Zhao, Guang-Hui	22.03.2018
(31) 201617861	(31) 200910211958	(22) 08.09.2017
(32) 21.10.2016	(32) 07.12.2009	(54) VEHICLE, IN PARTICULAR
(33) United Kingdom	(33) China	EMERGENCY VEHICLE, WITH A
(51) B60N 2/00	(51) B60N 2/38	LOADING ARRANGEMENT
B60R 21/015	B60N 2/50	(73) Rosenbauer International AG
G08B 21/02	B60N 2/90	(72) RONACHER, Alexander
G08B 21/22	(11) EP3505393	ZAUNER, Stefan
G08B 21/24	(21) EP18201425.8	(31) 508152016
(11) EP2774130	(47) 02.12.2020	(32) 13.09.2016
(21) EP12790638.6	(22) 19.10.2018	(33) Austria
(47) 02.12.2020	(54) VEHICLE SEAT WITH BACK	(51) B60P 1/16
(87) IB2012002159	SUSPENSION AND ADJUSTMENT OF	B60P 1/43
10.05.2013	SEAT SURFACES	B60P 3/07
(22) 29.10.2012	(73) GRAMMER AG	B60P 3/12
(54) ALARM SYSTEM	(72) Haller, Erwin	(11) EP3204259
(73) Palladino, Raffaele	(31) 102017128410	(21) EP15848709.0
(72) Palladino, Raffaele	(32) 30.11.2017	(47) 02.12.2020
(31) FI20110237	(33) Germany	(87) IB2015057674
(32) 31.10.2011	(51) B60N 2/56	14.04.2016
(33) Italy	(11) EP3456582	(22) 07.10.2015
(51) B60N 2/02	(21) EP18193565.1	(54) PNEUMATIC PLATFORM TOW TRUCK
B60N 2/50	(47) 02.12.2020	WITH HINGE
B62D 33/06	(22) 10.09.2018	(73) Swissmex-Rapid, S.A. De C.V.
G01H 1/00	(54) CLIMATE-CONTROLLED SEAT	(72) WIRZ LUCHSINGER, Pedro
	(73) Sitech Sitztechnik GmbH	(31) 2014012080

(32) 07.10.2014	(31) 102018111153	B62J 6/02
(33) Mexico	(32) 09.05.2018	(11) EP3497002
(51) B60P 1/22	(33) Germany	(21) EP17735088.1
B60P 1/44	(51) B60Q 1/00	(47) 02.12.2020
B62D 21/00	(11) EP2479062	(87) EP2017066240
(11) EP3552876	(21) EP12151772.6	15.02.2018
(21) EP19178113.7	(47) 02.12.2020	(22) 30.06.2017
(47) 02.12.2020	(22) 19.01.2012	(54) TOLERANCE COMPENSATION FRAME
(22) 19.07.2012	(54) Electrical equipment for an automobile, in particular a lighting or signalling device	AROUND HEAD BEAM
(54) ERGONOMICALLY IMPROVED DELIVERY VEHICLE AND METHOD	(73) Valeo Vision	(73) Bayerische Motoren Werke Aktiengesellschaft
(73) Manuverate, LLC	PSA Automobiles SA	(72) OTTILLINGER, Klaus
(72) Ellis, Gregory Paul	(72) Chatel, Eric	(31) 102016214979
Bauhof III, Ned F.	Denis, Sébastien	(32) 11.08.2016
Ellis, Mathew Edwin	Bera, Sébastien	(33) Germany
Yankanich, Andrew Nicholas	Bouret, Pascal	(51) B60Q 1/076
(31) 201113187871	(31) 1150477	(11) EP3247935
(32) 21.07.2011	(32) 21.01.2011	(21) EP17702756.2
(33) United States of America	(33) France	(47) 02.12.2020
(51) B60P 1/26	(51) B60Q 1/00	(87) AT2017060008
B60P 1/43	B60Q 3/80	10.08.2017
E05B 83/18	(11) EP2657082	(22) 24.01.2017
(11) EP3334620	(21) EP11850940.5	(54) METHOD FOR DETERMINING THE
(21) EP16835593.1	(47) 02.12.2020	ZERO POSITION OF A MIRROR
(47) 02.12.2020	(87) JP2011079455	MECHANISM IN A VEHICLE
(87) US2016042045	28.06.2012	HEADLIGHT
16.02.2017	(22) 20.12.2011	(73) ZKW Group GmbH
(22) 13.07.2016	(54) LIGHTING UNIT	(72) MAYER, Peter
(54) TAILGATE AND DOOR ADJUSTORS	(73) Yazaki Corporation	MITTERLEHNER, Thomas
(73) Castel Innovations, LLC	(72) AOKI, Yoshihito	(31) 500752016
(72) CASTELBLANCO, Guillermo	(31) 2010284477	(32) 05.02.2016
CASTELBLANCO, Carl Steven	(32) 21.12.2010	(33) Austria
(31) 201562204668 P	(33) Japan	(51) B60Q 1/14
201615018618	(51) B60Q 1/00	B60Q 11/00
(32) 13.08.2015	F21V 23/00	F21Y 115/30
08.02.2016	F21S 41/55	F21S 41/16
(33) United States of America	(11) EP2177399	F21S 41/176
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(51) B60P 1/52	(47) 02.12.2020	(11) EP2797772
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(21) EP18191882.2	(54) VEHICLE HEADLAMP	(47) 02.12.2020
(47) 02.12.2020	(73) Koito Manufacturing Co., Ltd.	(87) AT2012050205
(22) 31.08.2018	(72) Tachiwa, Takeyuki	04.07.2013
(54) PLATFORM FOR A COMMERCIAL VEHICLE	(31) 2008265388	(22) 21.12.2012
(73) Iveco S.p.A.	(32) 14.10.2008	(54) SAFETY DEVICE FOR HEADLIGHTS
(72) BERNARDINI, Alessandro	(33) Japan	WITH LASER LIGHT SOURCES AND
FINOTELLO, Roberto	(51) B60Q 1/00	METHOD FOR SHUTTING DOWN
(31) 201700097920	F24C 7/04	LASER LIGHT SOURCES IN CASE OF
(32) 31.08.2017	G02B 19/00	SAFETY-CRITICAL CONDITIONS
(33) Italy	G02B 26/00	(73) ZKW Group GmbH
(51) B60P 3/00	H05B 3/00	(72) TIEFENBACHER, Ewald
B62B 3/00	(11) EP2538263	(31) 19052011
B62B 5/00	(21) EP12172104.7	(32) 29.12.2011
(11) EP3566900	(47) 02.12.2020	(33) Austria
(21) EP19172549.8	(22) 15.06.2012	(51) B60Q 1/34
(47) 02.12.2020	(54) Infrared light distribution pattern control using object detection and electrowetting devices	B62D 15/02
(22) 03.05.2019	(73) Aptiv Technologies Limited	G01C 21/26
(54) TRANSPORT VEHICLE FOR MAIL ITEMS AND METHOD FOR OPERATING THE TRANSPORT VEHICLE	(72) Kuhlman, Frederick F.	G01C 21/36
(73) Deutsche Post AG	Sarma, Dwadasi H.R.	G06K 9/00
(72) Radetzki, Uwe	Lukmani, Nasser	G08G 1/16
Trendafilov, Boris	(31) 201113163993	(11) EP3568335
Kong, Dong-Uck	(32) 20.06.2011	(21) EP18712373.2
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Drees, Sandra	(51) B60Q 1/04	(87) US2018021050
	B62J 17/02	13.09.2018
		(22) 06.03.2018
		(54) PREPARING AUTONOMOUS VEHICLES FOR TURNS

(73) Waymo LLC	(47) 02.12.2020	(22) 09.04.2019
(72) CHARROW, Benjamin FAIRFIELD, Nathaniel	(87) IN2013000795 02.07.2015	(54) COMPOSITE COMPONENT FOR A MOTOR VEHICLE
(31) 201715454271	(22) 23.12.2013	(73) Compagnie Plastic Omnium
(32) 09.03.2017	(54) LOCKING DEVICE COMPRISING A LOCKING ELEMENT MOVABLE IN A	(72) GROVER, Pawan
(33) United States of America	FIRST DIRECTION AND IN A SECOND DIRECTION	(31) 1853120
(51) B60Q 5/00	(73) Faurecia Interior Systems India Pvt. Ltd.	(32) 10.04.2018
F41H 7/02	(72) SIDDIQUI, Firoz	(33) France
H04R 3/00	BHATTAD, Jaykumar	(51) B60R 13/08
H04S 7/00	PATIL, Manish	(11) EP3434529
(11) EP3416408	(51) B60R 9/048	(21) EP18185264.1
(21) EP18177218.7	B60R 9/058	(47) 02.12.2020
(47) 02.12.2020	(11) EP3551500	(22) 24.07.2018
(22) 12.06.2018	(21) EP17828944.3	(54) SOUNDPROOFING PART OF A MOTOR VEHICLE AND ASSOCIATED MANUFACTURING METHOD
(54) VEHICLE WITH AN INTERIOR AND METHOD FOR SOUND TRANSMISSION INTO A VEHICLE INTERIOR OF A VEHICLE	(47) 02.12.2020	(73) Faurecia Automotive Industrie
(73) Krauss-Maffei Wegmann GmbH & Co. KG	(87) FR2017053475 14.06.2018	(72) BATHELIER, Xavier MARCEL, Valérie
(72) Apel, Sebastian	(22) 08.12.2017	(31) 1757001
(31) 102017112966	(54) ATTACHMENT DEVICE, SUPPORTING ACCESSORY AND ROOF TENT INCLUDING SUCH A DEVICE	(32) 24.07.2017
(32) 13.06.2017	(73) Brochier, Patrice	(33) France
(33) Germany	(72) Brochier, Patrice	(51) B60R 13/08
(51) B60R 1/00	(31) 1662235	F01P 11/12
E02F 9/26	(32) 09.12.2016	F02B 77/13
G06K 9/00	(33) France	(11) EP3536558
H04N 7/18	(51) B60R 11/02	(21) EP19157752.7
(11) EP3135827	G03B 15/00	(47) 02.12.2020
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(47) 02.12.2020	H04N 5/225	(54) ACOUSTIC INSULATION STRUCTURE FOR POWER TRAIN
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(22) 22.04.2015	(47) 02.12.2020	(31) 2018042125
(54) CONSTRUCTION MACHINE	(87) JP2017002416 28.09.2017	(32) 08.03.2018
(73) Sumitomo (S.H.I.) Construction Machinery Co., Ltd.	(22) 25.01.2017	(33) Japan
(72) IZUMIKAWA, Takeya	(54) VEHICLE-MOUNTED IMAGE PROCESSING DEVICE	(51) B60R 16/023
DOI, Takurou	(73) Hitachi Automotive Systems, Ltd.	(11) EP3551504
(31) 2014091886	(72) OHSUMI Ken	(21) EP17771485.4
(32) 25.04.2014	SHINOHARA Hidenori	(47) 02.12.2020
(33) Japan	TAKEUCHI Kenichi	(87) FR2017052304 14.06.2018
(51) B60R 5/04	(31) 2016057818	(22) 30.08.2017
(11) EP3388287	(32) 23.03.2016	(54) ENGINE COMPARTMENT ASSEMBLY FOR A MOTOR VEHICLE COMPRISING AN ELECTRON CONTROL UNIT
(21) EP18160714.4	(33) Japan	(73) Renault S.A.S.
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(22) 08.03.2018	D03D 15/00	(31) 1662175
(54) MOTOR VEHICLE WITH A CARGO AREA COVER	F21V 8/00	(32) 08.12.2016
(73) Ford Global Technologies, LLC	B60Q 3/217	(33) France
(72) Loewe, Thomas	B60Q 3/54	(51) B60R 16/023
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(33) Germany	(33) Japan	(72) DA SILVA, Paulo Anchieta DOTTA, Fernando RULLI, Ricardo Pinheiro
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E05C 19/06	(21) EP19168040.4	
E05B 83/30	(47) 02.12.2020	
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Jacques	B60R 13/02	(33) Germany
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(32) 19.05.2015	(87) EP2016079559	(21) EP19197675.2
(33) United States of America	15.06.2017	(47) 02.12.2020
(51) B60R 16/033	(22) 02.12.2016	(22) 17.09.2019
B60T 13/74	(54) METHOD FOR PRODUCING A	(54) METHODS FOR LOCKING AND/OR
G01R 19/165	DASHBOARD FOR A MOTOR VEHICLE	UNLOCKING ELECTRIC VEHICLE AND
G01R 23/165	(73) Volkswagen Aktiengesellschaft	ASSOCIATED APPARATUS
H02P 6/18	(72) MEDING, Marcus	(73) Gogoro Inc.
G01R 31/34	RODENBERG, Denis	(72) WALL, Kenneth Edward
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(47) 02.12.2020	(33) Germany	CHEN, Ching
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(54) DETECTION DEVICE AND DETECTION	D03D 49/22	(33) United States of America
METHOD FOR DETECTING NUMBER	(11) EP3279376	(51) B60R 25/25
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KIM, Eung Soo	AIRBAG, POLYESTER AIRBAG, AND	(22) 11.06.2018
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(31) 20160019364	POLYESTER BASE FABRIC FOR	CONTROL OF A FUNCTION OF A
(32) 18.02.2016	AIRBAG	VEHICLE
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(87) IB2011054488	(33) Japan	RICK, Michael
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(33) United States of America	(72) JAKOBS, Bernd	WIPER SYSTEM FOR A RAIL VEHICLE
(51) B60R 21/00	FÜRST, Franz	AND METHOD FOR OPERATING A
B60W 30/06	KRÖNES, Walter	WINDSCREEN WIPER SYSTEM FOR A
B62D 15/02	GRUNDHEBER, Christoph	RAIL VEHICLE
G05D 1/00	(31) 102017008021	(73) Knorr-Bremse Gesellschaft mit
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(22) 06.09.2016	(21) EP17730413.6	(33) Germany
(54) PARKING ASSISTANCE METHOD AND	(47) 02.12.2020	(51) B60S 1/16
PARKING ASSISTANCE DEVICE	(87) EP2017063082	B60S 1/34
(73) Nissan Motor Co., Ltd.	28.12.2017	F16C 23/00
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(31) 102015122094	(73) WABCO GmbH	(21) EP14828484.7
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G02B 27/00	(32) 14.07.2015	(22) 30.12.2014
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(22) 04.07.2018	(21) EP17184742.9	LUU, Gérard
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(73) Valeo Systèmes d'Essuyage	(22) 03.08.2017	PASQUET, Thierry
(72) CHENG, Thierry	(54) METHOD FOR APPLYING HAPTIC INFORMATION FEEDBACK TO A BRAKE PEDAL	MOLINARO, Alberto
TREBOUET, Marcel	(31) 1363702	(31) 1363702
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(54) AUTOMATIC VEHICLE WASHING SYSTEM	(21) EP14188010.4	(73) WABCO GmbH
(73) Pérez Otín, Mario	(47) 02.12.2020	(72) Lichtenberg, Wolfgang
(72) Pérez Otín, Mario	(22) 07.10.2014	Schappler, Hartmut
Use Cartie, José Luis	(54) Vehicle brake system and method of control	(31) 102015008379
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(33) Spain	Peterson, John Ashley	(51) B60T 13/38
(51) B60T 7/10	(31) 201314087046	B60T 17/00
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(22) 07.05.2015	(73) Safran Aircraft Engines	F22D 1/32
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(73) Siemens Aktiengesellschaft	SZYDLOWSKI, Julien, Antoine, Henri, Jean	F28D 21/00
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(33) Japan	(31) 102016108957	GAS OF AN INTERNAL COMBUSTION
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(54) OIL SEPARATOR	F01N 3/20	ANDERSSON, Arne
(73) Nifco Inc.	F01N 3/36	JOHANSSON, Bengt
(72) HASHIMOTO, Shoichiro	F01N 9/00	LUNDGREN, Staffan
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(54) STRADDLED VEHICLE	(73) Volkswagen AG	(72) GIACHINO, Massimo
(73) YAMAHA HATSUDOKI KABUSHIKI	(72) PAUKNER, Stefan	CICCARELLI, Fabrizio
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		(72) MERRITT, Dan

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F02B 67/10	United States of America	GAS TURBINE ENGINE TRANSITION
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F02M 55/00	United States of America	(73) United Technologies Corporation
F02M 55/02	United States of America	(72) VAN, Anthony
(11) EP3396142	United States of America	MOURA, Dennis M.
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(22) 24.04.2017	F02C 9/18	GAUDET, Timothy J.
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(73) Caterpillar Motoren GmbH & Co. KG	(21) EP16170021.6	KWOKA, David
(72) Ehlert, Ole	(47) 02.12.2020	VAN ECK, Matthew G.
Gravert, Torben	(22) 17.05.2016	(31) 201462090225 P
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(47) 02.12.2020	(33) United States of America	(54) BOSS-MOUNTED GEARBOX LINK
(87) JP2014065708	(51) F02C 7/18	COMPRISING A BRACKET WITH AN
31.12.2014	F23M 5/08	INTEGRATED SHEAR NECK
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(72) LEFEBVRE, Guy	F23R 3/42	(31) 2015199454
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(72) Hald, Hermann	MOREAU, Christophe	METHOD OF EVACUATING WATER
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(73) Padmini VNA Mechatronics Pvt. Ltd.	(54) PISTON FUEL PUMP FOR AN	WIND TURBINE
(72) Bhandari, Kabir	INTERNAL COMBUSTION ENGINE	(73) Zhang, Xiaoxin
Kumar, Amardip	(73) Robert Bosch GmbH	(72) ZHANG, Daoyu
Gerlich, Torsten	(72) KAESSER, Jochen	ZHANG, Xiuguo
Kumar, Varun	BEIERMEISTER, Bernd	LIU, Haipeng
Sharma, Krishan Kant	STRITZEL, Soeren	YANG, Fei
Singla, Sahil	OCHS, Wolfgang	BAI, Junping
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(32) 20.09.2017	JAHN, Heiko	HAN, Yanjie
(33) India	PREISSNER, Christian	WANG, Xingtao
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(51) F03D 1/06	(72) De Rijcke, Simon	F04B 53/16
F03D 80/80	Hamann, Niels	(11) EP3483437
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(54) DEVICE FOR A CABLE GUIDE OF CABLES BETWEEN ROTOR HUB AND A ROTOR BLADE OF A WIND POWER INSTALLATION	(47) 02.12.2020	(73) Haskel International, LLC
(73) Nordex Energy GmbH	(87) DK2017050405	(72) Mahmoudian, Pooya
(72) Melzow, Frank	28.06.2018	Burrows, Brian A.
Brauch, Tobias	(22) 04.12.2017	Harrison, Paul
Winkler, Armin	(54) A NACELLE FOR A WIND TURBINE AND A WIND TURBINE	Terterian, Greg
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Enevoldsen, Peder Bay	F04B 1/32	(47) 02.12.2020
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(54) BLADE PITCH SYSTEM INCLUIDNG POWER SOURCE FOR WIND TURBINE	(54) VARIABLE DISPLACEMENT PUMP	WIKTOR, Christoph
(73) General Electric Company	(73) Kabushiki Kaisha Toyota Jidoshokki	ÖRTER, Gökhan
(72) DANIELSEN, Darren John	(72) MATSUO, Tsutomu	(31) 102016015110
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Rameshchandra	UNO, Takashi	(51) F04B 13/00
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F04B 39/06	(11) EP3436701	F04D 29/42
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F04B 37/06	F04C 15/00	ISONO, Miho
F25B 9/00	(11) EP3230592	TOKAIRIN, Kenta
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F04B 39/14	F04C 29/02	CRAMER, Sebastian
F04B 53/10	(11) EP3388674	BENRA, Michael-Thomas
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OKABE Ryoji	WANG, Zhilin	07.11.2015
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CURVED RIBS ON THE BACK SIDE OF	(11) EP3163181	United States of America
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PALMER-WHITE, Tristram	(54) AIR CONDITIONER AND CONTROL	F24F 6/16
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(73) Mitsubishi Heavy Industries Engine &	20150156254	LEE, Younggu
Turbocharger, Ltd.	20150191540	LEE, Kunyoung
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FUJITA, Yutaka	07.11.2015	LEE, Jongsu
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(51) F04D 29/42	Choi, Jieun	30.06.2016
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F24F 1/0022	Lee, Jungwoo	(33) United States of America
F24F 1/0047	Kim, Taeyoon	Korea (Republic)
F24F 1/0063	Lee, Younggu	Korea (Republic)
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(47) 02.12.2020	Lee, Kyoungho	Korea (Republic)
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Japan

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(73) BSH Hausgeräte GmbH	(72) Barker, Carl Robert	YAMAN, Yalcin
(72) ACOSTA HERRERO, Luis	Johnson, Thomas Edward	OZCAN, Metin
CORRAL RICALDE, Javier	Berry, Jonathan Dwight	(31) 201610841
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(33) Spain	(73) Doosan Heavy Industries & Construction	YANG, Jaekyung
(51) F23H 3/02	Co., Ltd	YANG, Haksoon
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(72) BRENNWALD, Werner	DEFORMABLE COVERING ELEMENT	(11) EP3234471
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KILIANI, David	Germany	F24F 5/00
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(54) DILUTION HOLES FOR GAS TURBINE	(73) SMEG S.p.A.	WITH HEATING UNIT
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(33) Germany	(72) Son, Sanghyuk	Lee, Jungwoo
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(73) EUT Edelstahl Umformtechnik GmbH	Korea (Republic)	Korea (Republic)
(72) STRAUB, Thomas	Korea (Republic)	Korea (Republic)
STRAUB, Philipp	Korea (Republic)	United States of America
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(73) Mitsubishi Electric Corporation	F25B 5/02	Lee, Jongsu
(72) MORI, Kazuyuki	F25B 6/04	Lee, Jungwoo
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HASHIMOTO, Hiroyuki	F25B 41/00	Choi, Jieun
UENO, Yohei	F25B 49/02	Kwon, Hyuckju
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(72) OPRINS, Arno Johannes Maria	(73) TOTAL MARKETING SERVICES	DERIVED PRODUCTS
DAVIES, Andrew P	(72) Lançon, Denis	(73) Danisco US Inc.
WARD, Andrew Mark	(74) ir. W.J.J.M. Kempes	The Goodyear Tire & Rubber Company
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HENDERSON, Camden, N.	(51) C11D 3/12	KLOSS, Christopher C.
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PRODUCING LACTIC ACID USING	SCHICK, Matthias	C22C 38/18
SAME	(74) dr. W.A.H.M. Van Borm	C22C 38/22
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BONDWIRES	AHN, Junyong	MEINERSHAGEN, Julia L.
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(11) EP3526375	(11) EP3539677	(11) EP3567548
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3528350	(11) EP3540273	(11) EP3568829
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3529138	(11) EP3540486	(11) EP3569895
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3529328	(11) EP3540510	(11) EP3574700
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3529850	(11) EP3541285	(11) EP3575799
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3530858	(11) EP3541564	(11) EP3576066
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3530942	(11) EP3544177	(11) EP3577261
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3531043	(11) EP3544222	(11) EP3579757
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3531274	(11) EP3545693	(11) EP3580159
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3531439	(11) EP3546256	(11) EP3581491
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3531445	(11) EP3549702	(11) EP3581821
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3531870	(11) EP3550167	(11) EP3581871
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020
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(11) EP3532352	(11) EP3552969	(11) EP3583154
(00) 24.06.2020	(00) 24.06.2020	(00) 24.06.2020

(00) EPV Ceased Effect

(11) EP3583246
(00) 24.06.2020
(00) EPV Ceased Effect

(11) EP3583248
(00) 24.06.2020
(00) EPV Ceased Effect

(11) EP3586381
(00) 24.06.2020
(00) EPV Ceased Effect

(11) EP3586748
(00) 24.06.2020
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(11) EP3588044
(00) 24.06.2020
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(11) EP3588226
(00) 24.06.2020
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(11) EP3590230
(00) 24.06.2020
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(11) EP3591951
(00) 24.06.2020
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(11) EP3601124
(00) 24.06.2020
(00) EPV Ceased Effect

(11) EP3618385
(00) 24.06.2020
(00) EPV Ceased Effect

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) WIENERBERGER BV	(00) 06.11.2020	Kanto Denka Kogyo CO., LTD.
(73) WIENERBERGER BV	(51) C23C 16/44	Renesas Electronics Corporation
(11) 2011396	H01L 21/3065	(11) EP1475822
(00) 25.11.2020	H01L 21/31	(00) 06.11.2020
(51) H01L 31/042	(00) Assignment	(51) C09K 13/08
H01L 31/048	(71) National Institute of Advanced Industrial	C23C 16/44
H02S 20/23	Science and Technology	H01L 21/205
(00) Assignment	ULVAC, INC.	H01L 21/3065
(71) WIENERBERGER BV	Canon Anelva Corporation	(00) Assignment
(73) WIENERBERGER BV	SANYO ELECTRIC CO., LTD.	(71) National Institute of Advanced Industrial
(11) 2011397	Sony Corporation	Science and Technology
(00) 25.11.2020	Tokyo Electron Limited	ULVAC, INC.
(51) E04D 12/00	Panasonic Corporation	Canon Anelva Corporation
F24J 2/52	Kokusai Electric Corporation	Sanyo Electric Co., Ltd.
E04D 13/18	Renesas Electronics Corporation	Sony Corporation
(00) Assignment	Kanto Denka Kogyo CO., LTD.	Tokyo Electron Limited
(71) WIENERBERGER BV	(73) National Institute of Advanced Industrial	Panasonic Corporation
(73) WIENERBERGER BV	Science and Technology	Kokusai Electric Corporation
(11) 2011398	ULVAC, INC.	Renesas Electronics Corporation
(00) 25.11.2020	Canon Anelva Corporation	Kanto Denka Kogyo CO., LTD.
(51) H01L 31/048	SANYO ELECTRIC CO., LTD.	(73) National Institute of Advanced Industrial
H02S 20/23	Sony Corporation	Science and Technology
(00) Assignment	Tokyo Electron Limited	ULVAC, INC.
(71) WIENERBERGER BV	Panasonic Corporation	Canon Anelva Corporation
(73) WIENERBERGER BV	Kokusai Electric Corporation	Sanyo Electric Co., Ltd.
(11) 2011399	Renesas Electronics Corporation	Sony Corporation
(00) 25.11.2020	Kanto Denka Kogyo CO., LTD.	Tokyo Electron Limited
(51) F24J 2/42	(11) EP1489646	Panasonic Corporation
F24J 2/52	(00) 06.11.2020	Kokusai Electric Corporation
E04D 13/18	(51) C23C 16/44	Renesas Electronics Corporation
(00) Assignment	H01L 21/205	Kanto Denka Kogyo CO., LTD.
(71) ROHM & HAAS ELECTRONIC	H01L 21/31	(11) EP1489645
MATERIALS SINGAPORE PTE. LTD.	(00) Assignment	(00) 06.11.2020
(73) ROHM & HAAS ELECTRONIC	(71) ROHM & HAAS ELECTRONIC	(51) C23C 16/44
MATERIALS SINGAPORE PTE. LTD.	MATERIALS SINGAPORE PTE. LTD.	H01L 21/205
(11) EP2315625	(73) ROHM & HAAS ELECTRONIC	H01L 21/31
(00) 09.11.2020	MATERIALS SINGAPORE PTE. LTD.	(00) Assignment
(51) B01D 61/22	(11) EP2563501	(71) Constellation Designs, LLC
B01D 65/02	(00) 09.11.2020	(73) Constellation Designs, LLC
(00) Assignment	(51) B01D 61/00	(11) EP2153561
(71) Canon Anelva Corporation	(00) Assignment	(00) 09.11.2020
SANYO ELECTRIC Co., Ltd.	(71) AGC Inc.	(51) H04J 11/00
Sony Corporation	Canon Anelva Corporation	H04L 1/00
DAIKIN INDUSTRIES, LIMITED	ULVAC, INC.	H04L 27/34
TOKYO ELECTRON LIMITED	SANYO ELECTRIC Co., Ltd.	(00) Assignment
Kokusai Electric Corporation	Sony Corporation	(71) ROHM & HAAS ELECTRONIC
Panasonic Corporation	DAIKIN INDUSTRIES, LIMITED	MATERIALS SINGAPORE PTE. LTD.
Renesas Electronics Corporation	Panasonic Corporation	(73) ROHM & HAAS ELECTRONIC
Kanto Denka Kogyo CO., LTD.	National Institute of Advanced Industrial	MATERIALS SINGAPORE PTE. LTD.
ULVAC, INC.	Science and Technology	(11) EP1799334
(73) Canon Anelva Corporation	Kanto Denka Kogyo CO., LTD.	(00) 09.11.2020
SANYO ELECTRIC Co., Ltd.	Renesas Electronics Corporation	(51) B01D 65/02
Sony Corporation	(73) AGC Inc.	(00) Assignment
DAIKIN INDUSTRIES, LIMITED	Canon Anelva Corporation	(71) Intel Corporation
TOKYO ELECTRON LIMITED	ULVAC, INC.	(73) Intel Corporation
Kokusai Electric Corporation	SANYO ELECTRIC Co., Ltd.	(11) EP2803086
Panasonic Corporation	Sony Corporation	(00) 16.11.2020
Renesas Electronics Corporation	DAIKIN INDUSTRIES, LIMITED	(51) H01L 21/56
Kanto Denka Kogyo CO., LTD.	Panasonic Corporation	H01L 23/00
ULVAC, INC.	National Institute of Advanced Industrial	H01L 23/31
(11) EP1304731	Science and Technology	H01L 23/498

H01L 23/538

H01L 25/065

H01L 25/16

(00) Assignment

(71) ONK Therapeutics Limited

(73) ONK Therapeutics Limited

(11) EP3317401

(00) 09.11.2020

(51) A61K 31/69

A61K 39/00

C12N 5/0783

C12N 15/113

(00) Change of owner(s) name

(71) Next Schoorsteensystemen B.V.

(73) Next Schoorsteensystemen B.V.

(11) EP1915489

(00) 10.11.2020

(51) E04D 13/147

E04F 17/02

(00) Assignment

TVH

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