



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding**Hoofdblad**

Het Hoofdblad de Industriële Eigendom verschijnt iedere donderdag op de website van het Octrooicentrum Nederland.

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ING 0705001296

IBAN: NL41INGB070500129

BIC: INGBNL2A

Introduction**Patent Bulletin**

The Patent Bulletin appears every Thursday on the Netherlands Patent Office website.

Visiting address: Netherlands Patent Office

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Overzicht van Inid codes

INID CODES

"INID" codes worden gebruikt op het voorblad van octrooigeschriften en in octrooibulletins. INID is een acronym van Internationally agreed Numbers for the Identification of Data. De definities van INID codes worden gegeven in WIPO standaard ST. 9 (situatie van juni 2023) en staan hieronder weergegeven.

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard ST.16
- (15) Informatie over correctie van het octrooi
- (21) Octrooiaanvraagnummer
- (22) Datum (datums) van indiening van de aanvra(a)g(en)
- (23) Overige datums
- (25) Taal waarin de gepubliceerde aanvraag oorspronkelijk werd ingediend
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorrangsgegevens
- (31) Nummer(s) toegekend aan de voorrangsaanvra(a)g(en)
- (32) Datum (datums) van indiening van de voorrangsaanvra(a)g(en)
- (33) WIPO Standard ST.3 code die het land van herkomst identificeert dat het nummer van de voorrangsaanvraag toekent; voor internationale octrooiaanvragen die onder de PCT worden ingediend, wordt de code "WO" gebruikt.
- (34) Voor indieningen van voorrangsaanvragen onder de regionale of internationale regelingen, duidt de WIPO Standard ST.3 code ten minste één land aan dat is aangesloten bij het Unieverdrag van Parijs waarvoor de regionale of internationale aanvraag werd ingediend (het oorspronkelijke land van indiening).
- (40) Datum (datums) van inschrijving van de aanvraag.
- (41) Datum van inschrijving van een niet onderzochte en niet verleende octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte octrooiaanvraag.

INID CODES

"INID" Codes are used on the front pages of patent documents and in official gazettes. "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 June 2023) 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 the application(s)
- (23) Other date(s)
- (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 identifying 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 filings 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.

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| <p>(43) Datum waarop de octrooiaanvraag is gepubliceerd.</p> <p>(44) Datum van publicatie van een onderzochte octrooiaanvraag die nog niet verleend is.</p> <p>(45) Datum waarop het octrooigeschrift is uitgegeven.</p> <p>(47) Datum van verlening van het octrooi.</p> <p>(48) Datum waarop een correctie van een octrooi is uitgegeven.</p> <p>(51) Internationale Octrooi classificatie</p> <p>(54) Korte aanduiding</p> <p>(62) Nummer en indien mogelijk, de indieningsdatum van de eerdere (octrooi) aanvraag waarvan de voorliggende (octrooi) aanvraag is afgesplitst.</p> <p>(68) Nummer van het basisoctrooi behorende bij het ABC.</p> <p>(71) Na(a)m(en) van de aanvrager(s)</p> <p>(72) Na(a)m(en) van de uitvinder(s) indien ze als zodanig bekend zijn</p> <p>(73) Na(a)m(en) van de octrooihouder(s)</p> <p>(74) Na(a)m(en) van de gemachtigde(n)</p> <p>(75) Na(a)m(en) van uitvinder(s) die tevens aanvrager(s) zijn</p> <p>(81) Aangewezen landen volgens de PCT</p> <p>(83) Informatie over depots van micro-organismen</p> <p>(84) Aangewezen landen bij regionale octrooien</p> <p>(92) Nummer en datum van de eerste nationale vergunning voor een ABC voor een geneesmiddel of gewasbeschermingsmiddel.</p> <p>(93) Nummer en datum (en indien van toepassing land van oorsprong) van de eerste EU vergunning voor een ABC voor een geneesmiddel of gewasbeschermingsmiddel.</p> <p>(94) Berekende expiratedatum van het ABC.</p> <p>(95) Het product beschermd door het basisoctrooi en waarvoor (de verlenging van) het ABC is aangevraagd of verleend.</p> | <p>(43) Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date.</p> <p>(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.</p> <p>(45) Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date.</p> <p>(47) Date of making available to the public by viewing, or copying on request, a patent document on which grant has taken place on or before the said date.</p> <p>(48) Date of issuance of a corrected patent document.</p> <p>(51) International Patent Classification</p> <p>(54) Title of the invention</p> <p>(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out.</p> <p>(68) For an SPC, number of the basic patent and/or, where appropriate, the publication number of the patent document.</p> <p>(71) Name(s) of the applicant(s)</p> <p>(72) Name(s) of the inventor(s) if known to be such</p> <p>(73) Name(s) of grantee(s), holder(s), assignee(s) or owner(s)</p> <p>(74) Name(s) of the attorney(s) or agent(s)</p> <p>(75) Name(s) of inventor(s) who is (are) also applicant(s)</p> <p>(81) Designated States(s) according to the PCT</p> <p>(83) Information concerning the deposit of microorganisms</p> <p>(84) Designated Contracting States under regional patent conventions</p> <p>(92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product or plant protection product.</p> <p>(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 or plant protection product within a regional economic community.</p> <p>(94) Calculated date of expiry of the SPC or the duration of the SPC.</p> <p>(95) The product protected by the basic patent and in respect of which the SPC or the extension of the SPC has been applied for or granted.</p> |
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Rubrieken/Headings

NP1

Nederlandse octrooiaanvragen die zijn ingeschreven ex Rijksoctrooiwet 1995. Netherlands patent applications which have been entered in the patent register ex NL Patent Law 1995.

(51) A01G 5/00	B01F 25/312	(41) 21.10.2024
A01G 5/02	(21) 2034578	(51) B29D 23/00
(21) 2034570	(22) 14.04.2023	B29K 19/00
(22) 14.04.2023	(54) A mixing device and a method for mixing	B29K 21/00
(54) Inrichting voor het hanteren van	a first substance and a second substance	B29C 35/02
snijbloemen en een werkwijze daarvoor.	to form a mixed substance	(21) 2035819
(71) Terra International B.V.	(71) Magnets for emulsions N.V.	(22) 18.09.2023
(74) dr. R.C. van Duijvenbode c.s.	(74) dr. ir. G.J.C. Verdijk c.s.	(54) RUBBER AIR INTAKE TUBE AND
(72) Paul Endhoven	(72) Nielsen Willemarck	PREPARATION METHOD THEREFOR
(41) 21.10.2024	Johan Adriaan Martens	(71) Linhai Aofa Pipes Co., Ltd.
(51) A45D 44/08	(41) 21.10.2024	(74) ir. M.B. Plaggenborg
(21) 2034544	(51) B01J 13/04	(72) Wan Chen
(22) 12.04.2023	A23P 10/30	Shaoge Fang
(54) Voorwerp voor het beschermen van	A61K 8/11	Jingxi Huang
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(71) Niek Nicholas Poulis	A61Q 19/00	(31) 2023104142301
Kaylee Cornelia Johanna Maria Roozen	B01J 13/14	(32) 13.04.2023
(74) ir. A. Blokland c.s.	B01J 13/20	(33) China
(72) Niek Nicholas Poulis	C11D 3/50	(51) B29D 30/00
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(41) 21.10.2024	(22) 14.04.2023	B29D 30/42
(51) A61B 17/28	(54) Method for preservation of an active	(21) 2034579
(21) 2038475	compound, formulation and preservative	(22) 14.04.2023
(22) 21.08.2024	(71) lamFluidics Holding B.V.	(54) Pick-and-place system, tire
(54) Operating forceps for urological surgery	(74) drs. A.A. Jilderda	manufacturing line and method for
(71) The First Affiliated Hospital Of University	(72) Sara Tahan Latibari	picking-up a tire component
Of South China	Tom Kamperman	(71) VMI Holland B.V.
(74) ir. F.A. Geurts c.s.	Jenny Evelin Parraga Meneses	(74) ir. F.A. Geurts c.s.
(72) Weiming Deng	Barbara Maria Zoetebier	(72) Marcel Alfred Smits
(51) A61F 9/007	(51) B26D 7/01	Teunis Johannes Verbruggen
(21) 2034560	B25B 11/00	Marco Johan Put
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(71) D.O.R.C. Dutch Ophthalmic Research	(21) 2034582	B65G 47/248
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(74) ir. H.A. Witmans c.s.	(54) Processing table, processing assembly	(21) 2034581
(72) Nadieh Bergwerf	and method for processing elastomeric	(22) 14.04.2023
(41) 21.10.2024	material	(54) Transport system for transporting a green
(51) A61K 35/50	(71) VMI Holland B.V.	tire and method for inspecting a green
A61K 31/353	(74) ir. F.A. Geurts c.s.	tire
A61K 35/60	(72) Teunis Johannes Verbruggen	(71) VMI Holland B.V.
A61P 15/08	Marcel Alfred Smits	(74) ir. F.A. Geurts c.s.
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A23L 33/13	(41) 21.10.2024	Evert Doppenberg
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(71) ETERNAL GRACE PTE. LTD.	(22) 13.04.2023	(54) Applicator unit, tire building device and
(74) ir. W.J.J.M. Kempes	(54) Method for pre-fabricating insulated	method for applying a continuous strip to
(72) Maowa Li	concrete walls for casco's of prefab	a drum
Jingjing Dai	houses.	(71) VMI Holland B.V.
(41) 22.10.2024	(71) Calduran Kalkzandsteen B.V.	(74) ir. F.A. Geurts c.s.
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	(72) Casper Moes	Jan Cornelis Grashuis

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(51) B60D 1/18	Xiaohu Li	WERKWIJZE VOOR HET VERTICAAL
B60D 1/06	Hengyuan Ma	TELEN VAN GEWASSEN
B60D 1/28	Wentong Zhao	(71) Vegobel bvba
(21) 2034574	(41) 21.10.2024	(74) ir. J.P.E. Brants
(22) 14.04.2023	(51) E04B 5/26	(72) Arthur Lauwers
(54) TOWING HOOK ASSEMBLY AND	E04B 5/08	(31) 2023/5246
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(71) Brink Towing Systems B.V.	(21) 2034547	(33) Belgium
(74) dr. R.C. van Duijvenbode c.s.	(22) 12.04.2023	(51) F42B 6/00
(72) Léon Nijmeijer	(54) Werkwijze en inzetstuk voor het na-	(21) 2034567
(41) 21.10.2024	isoleren van een gebouw met een	(22) 13.04.2023
(51) C12N 15/65	vrijdragende systeemvloer en een	(54) A THROWING DART AND A FLIGHT
C12N 15/85	nageïsoleerde vrijdragende systeemvloer	ASSEMBLY FOR A THROWING DART
(21) 2036607	(71) S. Nooijens Beheer B.V.	(71) Rocket Darts B.V.
(22) 21.12.2023	(74) ir. A. Blokland c.s.	(74) drs. W.H.P. Derks
(54) A red-green 'switchable' Traffic Light	(72) Stefan Jozef Maria Nooijens	(72) Michiel van Nesselrooij
Reporter (TLR) system for reporting and	(41) 21.10.2024	Olaf Wilhelmus Gerardus van
enriching gene-editing positive cells	(51) F04D 25/14	Camphenhout
(71) Northwest A&F University	F25D 21/06	Friso Hans Hartog
(74) ir. W.J.J.M. Kempes	(21) 1044586	(41) 21.10.2024
(72) Kun Xu	(22) 13.04.2023	(51) G01J 1/42
Xu Wang	(54) Ontdooisysteem voor koel- of	(21) 2035016
Sen Yang	vriesinstallaties	(22) 07.06.2023
Xiangyu Meng	(71) Willem Antoon Pieter Putter	(54) OPTICAL POWER METER AND
Shangpu Li	(72) Willem Antoon Pieter Putter	OPTICAL POWER MEASUREMENT
Ming Lyu	(41) 21.10.2024	METHOD
Zhiying Zhang	(51) F17C 3/02	(71) Wuhan Yage Optic & Electronic Co., Ltd.
Bao xia Ma	F17C 5/02	(74) dr. T. Wittop Koning PhD
(41) 21.10.2024	(21) 2034549	(72) Hui Lan
(31) CN202310388217.3	(22) 12.04.2023	Chao Deng
(32) 12.04.2023	(54) SUPPORT STRUCTURE DEVICE	Daoyu Zhang
(33) China	BETWEEN SPHERICAL SHELLS OF	Jinyou Liu
(51) E01F 9/576	DOUBLE-LAYER LOW-TEMPERATURE	Chaohui Xiao
G03B 21/00	SPHERICAL TANK	(31) 202310397366.6
G09F 19/18	(71) Aanshan huaxin heavy machinery Co.,	(32) 14.04.2023
G09F 19/22	Ltd.	(33) China
(21) 2034575	(74) ir. W.J.J.M. Kempes	(51) G01N 1/22
(22) 14.04.2023	(72) Liang Guo	(21) 2035562
(54) LUMINAIRE AND SYSTEM INCLUDING	Qingsheng Ma	(22) 07.08.2023
THE SAME	Dong Li	(54) GREENHOUSE GAS COLLECTING
(71) EPEON	Yuanda Hou	DEVICE GENERALLY APPLICABLE TO
(74) dr. ir. G.J.C. Verdijck c.s.	Yanzhong Li	AQUACULTURE PONDS AND LAYOUT
(72) Ronald Hans van der Voort	Dongxu Shen	METHOD THEREOF
(51) E02D 13/04	(41) 21.10.2024	(71) Freshwater Fisheries Research Center,
(21) 2034583	(51) F21V 23/00	Chinese Academy of Fishery Sciences
(22) 14.04.2023	F21S 4/28	Fishery Technology Extension Station of
(54) Foundation pile positioning system	F21V 21/34	Wuzhong District, Suzhou
(71) IQIP Holding B.V.	(21) 2037713	Suzhou Taihu Modern Agriculture
(74) dr. R.C. van Duijvenbode c.s.	(22) 17.05.2024	Development Co., Ltd.
(72) Willibrordus Adelbertus Maria Brouwer	(54) EXTENSIBLE LED LAMP STRUCTURE	(74) dr. T. Wittop Koning PhD
(41) 21.10.2024	AND LINEAR LAMP	(72) Xuehong Zhang
(51) E02D 31/08	(71) TRIECO (HUIZHOU) CO.,LTD	Zhijuan Nie
E04H 9/02	(74) ir. W.J.J.M. Kempes	Haibo Wen
(21) 2034550	(72) Zhiping Luo	Hongxia Li
(22) 12.04.2023	Xiancheng Zeng	Changyou Song
(54) A shock absorption and isolation	Xianpeng Zeng	Bin Wei
structure for aseismic buildings	(31) 2024207376240	Xuelin Gu
(71) Zhengzhou University of Aeronautics	(32) 10.04.2024	Gangchun Xu
(74) ir. W.J.J.M. Kempes	(33) China	Pao Xu
(72) Limin Tian	(51) F21V 29/56	(31) 202310398102.2
Jingwen Guan	A01G 7/04	(32) 14.04.2023
Lei Li	A01G 31/06	(33) China
Liping Kang	A01G 9/24	(51) G01N 33/49
Xiaozhou Su	(21) 2037378	(21) 2034553
Jing Qiao	(22) 02.04.2024	(22) 12.04.2023
Guanghui Li		

(54) THROMBUS DIAGNOSIS DEVICE FOR CARDIOVASCULAR AND CEREBROVASCULAR DETECTION	Chuanwei Du Menglai Wang Mengchao Xu
(71) North China University of Science and Technology	Gan Li Lin Teng
(74) ir. W.J.J.M. Kempes	(31) 202310379097.0
(72) Siqi Geng	(32) 11.04.2023
Jingyao LV	(33) China
Xueying Yang	(51) G10D 13/14
Wenli Zhang	G10D 13/02
Guorong Liu	G10D 13/10
Fu Geng	(21) 2034569
Qi Li	(22) 13.04.2023
Jingjing Zhao	(54) Drum dampener
(51) G01Q 10/06	(71) Beinte Jan Hein Groen
G01Q 70/06	(74) J.G. Laddé MSc
(21) 2034580	(72) Beinte Jan Hein Groen
(22) 14.04.2023	(41) 21.10.2024
(54) Multi-head AFM for defect inspection and review	(51) G16H 20/70
(71) Nearfield Instruments B.V.	G09B 9/00
(74) ir. H.A. Witmans c.s.	(21) 2038416
(72) Cornel Bozdog	(22) 08.08.2024
Artem Khachatourians	(54) ACROPHOBIA SIMULATION TESTING DEVICE AND SYSTEM BASED ON VR TECHNOLOGY
Seokhan Kim	(71) Air Force Medical University of PLA
(41) 21.10.2024	(74) dr. J. van Straaten
(51) G06N 3/048	(72) Wendong Hu
G06N 3/0495	Meiqing Huang
G06N 3/063	Kaiwen Xiong
(21) 2038031	Duoduo Hui
(22) 04.05.2022	Lili Zhang
(54) IMPLEMENTATIONS AND METHODS FOR PROCESSING NEURAL NETWORK IN SEMICONDUCTOR HARDWARE	Lin Cong
(62) 2035521 (01.08.2023)	Shan Cheng
2031771 (04.05.2022)	Jin Ma
(71) Uniquify, Inc.	Taihui Zhang
(74) ir. A. Blokland c.s.	Weitao Dang
(72) Joshua Lee	(51) H01L 21/304
(31) 63/184,576	H01L 21/02
63/184,630	C01B 32/194
PCT/US2022/027035	B08B 1/00
(32) 05.05.2021	(21) 2034545
05.05.2021	(22) 12.04.2023
29.04.2022	(54) Method and apparatus for mechanical cleaning of 2D materials surfaces
(33) United States of America	(71) Applied Nanolayers B.V.
United States of America	(74) dr. R.C. van Duijvenbode c.s.
United States of America	(72) Matthew David Barnes
(51) G08B 31/00	Dominique Joseph Wehenkel
G06Q 50/26	Richard van Rijn
G06Q 10/0635	(41) 21.10.2024
G06Q 10/04	
(21) 2036907	
(22) 26.01.2024	
(54) Rock slope disaster monitoring system in open-pit phosphate mine	
(71) QILU INSTITUTE OF TECHNOLOGY	
(74) dr. T. Wittop Koning PhD	
(72) Qiusong Chen	
Chun Zhu	
Yan Wang	
Jiawen Wang	
Xiaoshuang Li	
Qihang Li	
Yi Tan	
Song Jiang	
Haihuan Tan	

NP2

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A01G 5/02	(54) COMPOSITION WITH OVARIAN	(54) Proces voor het vervaardigen van
(11) 2034570	MAINTENANCE FUNCTION AND	dakpannen met de snelbakwerkwijze
(47) 21.10.2024	APPLICATION THEREOF	(73) BMI Group Holdings UK Limited
(22) 14.04.2023	(73) ETERNAL GRACE PTE. LTD.	(72) Ralf Hermannsdörfer
(54) Inrichting voor het hanteren van	(72) Maowa Li	Reinhold Janßen
snijbloemen en een werkwijze daarvoor.	Jingjing Dai	Jürgen Winter
(73) Terra International B.V.	(74) ir. W.J.J.M. Kempes	Tobias Terhaar
(72) Paul Endhoven	(51) B01F 23/50	(74) dr. R.C. van Duijvenbode c.s.
(74) dr. R.C. van Duijvenbode c.s.	B01F 25/312	(31) 10.2022 129 956.2
(51) A45D 44/08	(11) 2034578	(32) 11.11.2022
(11) 2034544	(47) 21.10.2024	(33) Germany
(47) 21.10.2024	(22) 14.04.2023	(51) B28B 23/02
(22) 12.04.2023	(54) A mixing device and a method for mixing	B28B 19/00
(54) Voorwerp voor het beschermen van	a first substance and a second substance	B29C 44/12
kleding tegen make-up	to form a mixed substance	E04C 2/04
(73) Niek Nicolaos Poulis	(73) Magnets for emulsions N.V.	E04F 13/08
Kaylee Cornelia Johanna Maria Roozen	(72) Nielsen Willemarck	(11) 2034562
(72) Niek Nicolaos Poulis	Johan Adriaan Martens	(47) 21.10.2024
Kaylee Cornelia Johanna Maria Roozen	(74) dr. ir. G.J.C. Verdijck c.s.	(22) 13.04.2023
(74) ir. A. Blokland c.s.	(51) B01J 13/04	(54) Method for pre-fabricating insulated
(51) A61B 17/70	A23P 10/30	concrete walls for casco's of prefab
A61B 17/88	A61K 8/11	houses.
(11) 2031405	A61K 9/48	(73) Calduran Kalkzandsteen B.V.
(47) 21.10.2024	A61Q 19/00	(72) Casper Moes
(22) 25.03.2022	B01J 13/14	(74) ir. J.C. Volmer c.s.
(54) SUPPORT ASSEMBLY FOR	B01J 13/20	(51) B29D 23/00
VERTEBRAL COPLANAR ALIGNMENT	C11D 3/50	B29K 19/00
(73) SHANGHAI SANYOU MEDICAL	(11) 2034584	B29K 21/00
CO.,LTD.	(47) 21.10.2024	B29C 35/02
(72) Michael Mingyan Liu	(22) 14.04.2023	(11) 2035819
Dingjun Hao	(54) Method for preservation of an active	(47) 21.10.2024
Ruifeng Liu	compound, formulation and preservative	(22) 18.09.2023
(74) M. Schmid	(73) IamFluidics Holding B.V.	(54) RUBBER AIR INTAKE TUBE AND
(31) 202122326111.X	(72) Sara Tahan Latibari	PREPARATION METHOD THEREFOR
202111123687.4	Tom Kamperman	(73) Linhai Aofa Pipes Co., Ltd.
2021-176857	Jenny Evelin Parraga Meneses	(72) Wan Chen
(32) 24.09.2021	Barbara Maria Zoetebier	Shaoge Fang
24.09.2021	(74) drs. A.A. Jilderda	Jingxi Huang
28.10.2021	(51) B26D 7/01	(74) ir. M.B. Plaggenborg
(33) China	B25B 11/00	(31) 2023104142301
China	B26D 3/00	(32) 13.04.2023
Japan	B23Q 3/08	(33) China
(51) A61F 9/007	(11) 2034582	(51) B29D 30/00
(11) 2034560	(47) 21.10.2024	B29D 30/46
(47) 21.10.2024	(22) 14.04.2023	B29D 30/42
(22) 12.04.2023	(54) Processing table, processing assembly	(11) 2034579
(54) An ophthalmic surgery instrument	and method for processing elastomeric	(47) 21.10.2024
(73) D.O.R.C. Dutch Ophthalmic Research	material	(22) 14.04.2023
Center (International) B.V.	(73) VMI Holland B.V.	(54) Pick-and-place system, tire
(72) Nadieh Bergwerf	(72) Teunis Johannes Verbruggen	manufacturing line and method for
(74) ir. H.A. Witmans c.s.	Marcel Alfred Smits	picking-up a tire component
(51) A61K 35/50	Gerrit Roy Nijland	(73) VMI Holland B.V.
A61K 31/353	(74) ir. F.A. Geurts c.s.	(72) Marcel Alfred Smits
A61K 35/60	(51) B28B 3/00	Teunis Johannes Verbruggen
A61P 15/08	E04D 1/04	Marco Johan Put
A23L 33/105	B28B 11/24	(74) ir. F.A. Geurts c.s.
A23L 33/13	B28C 1/00	(51) B29D 30/00
A23L 33/18	C04B 33/20	B65G 43/08
(11) 2034555	(11) 2036211	B65G 47/248
(47) 22.10.2024	(47) 21.10.2024	B65G 47/70

(11) 2034581	(11) 2036607	vrijdragende systeemvloer en een
(47) 21.10.2024	(47) 21.10.2024	nageïsoleerde vrijdragende systeemvloer
(22) 14.04.2023	(22) 21.12.2023	(73) S. Nooijens Beheer B.V.
(54) Transport system for transporting a green	(54) A red-green 'switchable' Traffic Light	(72) Stefan Jozef Maria Nooijens
tire and method for inspecting a green	Reporter (TLR) system for reporting and	(74) ir. A. Blokland c.s.
tire	enriching gene-editing positive cells	(51) F04D 25/14
(73) VMI Holland B.V.	(73) Northwest A&F University	F25D 21/06
(72) Antonius Willibrordus Joseph Stout	(72) Kun Xu	(11) 1044586
Evert Doppenberg	Xu Wang	(47) 21.10.2024
(74) ir. F.A. Geurts c.s.	Sen Yang	(22) 13.04.2023
(51) B29D 30/30	Xiangyu Meng	(54) Ontdooisysteem voor koel- of
B29D 30/46	Shangpu Li	vriesinstallaties
B65H 19/28	Ming Lyu	(73) Willem Antoon Pieter Putter
(11) 2034576	Zhiying Zhang	(72) Willem Antoon Pieter Putter
(47) 21.10.2024	Bao xia Ma	(51) F17C 3/02
(22) 14.04.2023	(74) ir. W.J.J.M. Kempes	F17C 5/02
(54) Applicator unit, tire building device and	(31) CN202310388217.3	(11) 2034549
method for applying a continuous strip to	(32) 12.04.2023	(47) 21.10.2024
a drum	(33) China	(22) 12.04.2023
(73) VMI Holland B.V.	(51) E01F 9/576	(54) SUPPORT STRUCTURE DEVICE
(72) Peter Schipper	G03B 21/00	BETWEEN SPHERICAL SHELLS OF
Jan Kornelis Grashuis	G09F 19/18	DOUBLE-LAYER LOW-TEMPERATURE
Baki Kara	G09F 19/22	SPHERICAL TANK
(74) ir. F.A. Geurts c.s.	(11) 2034575	(73) Aanshan huaxin heavy machinery Co.,
(51) B60D 1/18	(47) 21.10.2024	Ltd.
B60D 1/06	(22) 14.04.2023	(72) Liang Guo
B60D 1/28	(54) LUMINAIRE AND SYSTEM INCLUDING	Qingsheng Ma
(11) 2034574	THE SAME	Dong Li
(47) 21.10.2024	(73) EPEON	Yuanda Hou
(22) 14.04.2023	(72) Ronald Hans van der Voort	Yanzhong Li
(54) TOWING HOOK ASSEMBLY AND	(74) dr. ir. G.J.C. Verdijk c.s.	Dongxu Shen
METHOD	(51) E02D 13/04	(74) ir. W.J.J.M. Kempes
(73) Brink Towing Systems B.V.	(11) 2034583	(51) F42B 6/00
(72) Léon Nijmeijer	(47) 21.10.2024	(11) 2034567
(74) dr. R.C. van Duijvenbode c.s.	(22) 14.04.2023	(47) 21.10.2024
(51) B60P 1/44	(54) Foundation pile positioning system	(22) 13.04.2023
(11) 1044561	(73) IQIP Holding B.V.	(54) A THROWING DART AND A FLIGHT
(47) 21.10.2024	(72) Willibrordus Adelbertus Maria Brouwer	ASSEMBLY FOR A THROWING DART
(22) 09.03.2023	(74) dr. R.C. van Duijvenbode c.s.	(73) Rocket Darts B.V.
(54) Uitschuifbare handbediende laadklep	(51) E02D 31/08	(72) Michiel van Nesselrooij
in hoogte verstelbaar onzichtbaar	E04H 9/02	Olaf Wilhelmus Gerardus van
ingebouwd	(11) 2034550	Campenhout
(73) R. Schotsman	(47) 21.10.2024	Friso Hans Hartog
(72) R. Schotsman	(22) 12.04.2023	(74) drs. W.H.P. Derks
(31) 1044445	(54) A shock absorption and isolation	(51) G01Q 10/06
(32) 01.11.2022	structure for aseismic buildings	G01Q 70/06
(33) Netherlands	(73) Zhengzhou University of Aeronautics	(11) 2034580
(51) B62D 61/12	(72) Limin Tian	(47) 21.10.2024
B62B 3/00	Jingwen Guan	(22) 14.04.2023
B62B 3/02	Lei Li	(54) Multi-head AFM for defect inspection and
B62B 5/00	Liping Kang	review
(11) 2036769	Xiaozhou Su	(73) Nearfield Instruments B.V.
(47) 21.10.2024	Jing Qiao	(72) Cornel Bozdog
(22) 09.01.2024	Guanghui Li	Artem Khachatourians
(54) PLATFORM TROLLEY FOR CARRYING	Jinsong Chen	Seokhan Kim
CARGO	Xiaohu Li	(74) ir. H.A. Witmans c.s.
(73) Guangdong Polytechnic Normal	Hengyuan Ma	(51) G10D 13/14
University	Wentong Zhao	G10D 13/02
(72) Haiying Song	(74) ir. W.J.J.M. Kempes	G10D 13/10
Minghua Cai	(51) E04B 5/26	(11) 2034569
Ruifeng Ye	E04B 5/08	(47) 21.10.2024
(74) ir. F.A. Geurts c.s.	E04B 1/76	(22) 13.04.2023
(31) 202310065335.0	(11) 2034547	(54) Drum dampener
(32) 29.01.2023	(47) 21.10.2024	(73) Beinte Jan Hein Groen
(33) China	(22) 12.04.2023	(72) Beinte Jan Hein Groen
(51) C12N 15/65	(54) Werkwijze en inzetstuk voor het na-	(74) J.G. Laddé MSc
C12N 15/85	isoleren van een gebouw met een	(51) H01B 1/22

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 (11) 2036069
 (47) 21.10.2024
 (22) 19.10.2023
 (54) SILVER-CARBON-SILVER CHLORIDE
 PASTE AND APPLICATION THEREOF
 (73) SHANGHAI JULONG ELECTRONIC
 TECHNOLOGY CO., LTD
 (72) Weidong Wang
 (74) ir. W.J.J.M. Kempes
 (31) 202310251215X
 (32) 16.03.2023
 (33) China

(51) H01L 21/304
 H01L 21/02
 C01B 32/194
 B08B 1/00
 (11) 2034545
 (47) 21.10.2024
 (22) 12.04.2023
 (54) Method and apparatus for mechanical
 cleaning of 2D materials surfaces
 (73) Applied Nanolayers B.V.
 (72) Matthew David Barnes
 Dominique Joseph Wehenkel
 Richard van Rijn
 (74) dr. R.C. van Duijvenbode c.s.

NP3

**Nederlandse octrooien na gedeeltelijke afstand ex artikel 63 van de Rijsoctrooiwet 1995.
Netherlands patents after partial limitation ex Article 63 of the NL Patent Law 1995.**

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

Translations of the claims of European patent applications.

EP2

**Voor Nederland verleende Europese octrooien.
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G01L 5/00	B60K 25/02	(47) 23.10.2024
G01L 3/02	(11) EP3646690	(87) IB2021055112
A01B 73/02	(21) EP18823458.7	06.01.2022
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(21) EP21722281.9	(87) JP2018019386	(54) APPARATUS AND METHODS FOR
(47) 23.10.2024	03.01.2019	MEASURING SOIL CONDITIONS
(87) IB2021052584	(22) 18.05.2018	(73) Precision Planting LLC
30.09.2021	(54) MOUNTING STRUCTURE FOR	(72) SLONEKER, Dillion
(22) 29.03.2021	GENERATOR, AND WORKING	(31) 202063047581 P
(54) AGRICULTURAL MACHINE WITH	MACHINE	(32) 02.07.2020
ELECTRONIC CONTROL AND	(73) Kubota Corporation	(33) United States of America
RELEVANT OPERATING METHOD	(72) YAGYU, Sumio	
(73) Maschio Gaspardo S.p.A.	NAKAGAWA, Takao	(51) A01B 79/02
(72) MASCHIO, Andrea	KAWANE, Masaru	A01C 21/00
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(33) Italy	A01B 76/00	(54) MACHINE LEARNING IN
Italy	G03B 17/55	AGRICULTURAL PLANTING,
	G03B 19/22	GROWING, AND HARVESTING
(51) A01B 69/00	G03B 29/00	CONTEXTS
A01D 34/00	G03B 35/08	(73) Indigo AG, Inc.
A01B 69/08	G01N 33/24	(72) PERRY, David Patrick
A01D 34/66	(11) EP4049521	VON MALTZAHN, Geoffrey Albert
(11) EP4098093	(21) EP22158502.9	BERENDES, Robert
(21) EP22175602.6	(47) 23.10.2024	JECK, Eric Michael
(47) 23.10.2024	(22) 24.02.2022	KNIGHT, Barry Loyd
(22) 26.05.2022	(54) SYSTEM WITH DATA ACQUISITION	RAYMOND, Rachel Ariel
(54) CENTER PIVOT MOWER WITH TURN	MODULE AND AN AGRICULTURAL	TRIVISVAVET, Ponsi
COMPENSATION	MACHINE	WONG, Justin Y.H.
(73) CNH Industrial Belgium NV	(73) CNH Industrial Belgium NV	RAJDEV, Neal Hitesh
(72) Fay II, Jeffrey B.	(72) HENRY, James W.	MEUNIER, Marc-cedric Joseph
(31) 202117335791	KNOBLAUCH, Joshua	MICHELL, Charles, Vincent Jr.
(32) 01.06.2021	RIDLEY, Mark	LEIST, Casey James
(33) United States of America	(31) 202117183561	TADI, Pranav Ram
	(32) 24.02.2021	FLAHERTY, Andrea Lee
(51) A01B 69/04	(33) United States of America	BRUMMITT, Charles David
G05D 1/00		SINHA, Naveen Neil
A01B 79/00	(51) A01B 73/00	LAMBERT, Jordan
(11) EP4118943	A01B 51/04	HENNECK, Jonathan
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(47) 23.10.2024	A01B 59/06	ALLEN, Mark
(22) 07.04.2022	(11) EP4118944	BACHNER, Daniel
(54) METHOD FOR PLANNING A FIELD	(21) EP22184148.9	DEROSSI, Fernando
PROCESSING ROUTE OF AN	(47) 23.10.2024	LAMONT, Ewan
AGRICULTURAL WORKING MACHINE	(22) 11.07.2022	LOWENTHAL, Rob
(73) CLAAS E-Systems GmbH	(54) AGRICULTURAL IMPLEMENT WITH	CREAGH, Dan
(72) Hensen, Moritz	THREE-POINT ATTACHMENT	ABRAMSON, Steve
(31) 102021118272	(73) Grimme Landmaschinenfabrik GmbH &	ALLEN, Ben
(32) 15.07.2021	Co. KG	SHANKAR, Jyoti
(33) Germany	(72) Wischmeyer, Michael	MOSCARDINI, Chris
	Abrams, Jurij	CRANE, Jeremy
(51) A01B 71/06	(31) 202021103830 U	WEISMAN, David
A01C 17/00	(32) 16.07.2021	KEATING, Gerard
B60K 25/06	(33) Germany	MOORES, Lauren
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08.08.2017	A01D 34/78	(73) SMF - Holding GmbH
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(54) SYSTEM AND A METHOD FOR	(73) Robert Bosch GmbH	SYSTEM HAVING ASSISTED
DETECTING AT LEAST ONE	(72) LING, Matthew	DOWNFORCE CONTROL
DISPERSION PARAMETER OF A	ADEKUNLE, Abiodun	(73) Deere & Company
DISPERSIBLE GOOD IN THE FIELD	(31) 102019213294	(72) KRAUS, TIMOTHY J
(73) Amazonen-Werke H. Dreyer SE & Co.	102019202700	KARST, AUSTIN J
KG	(32) 03.09.2019	(31) 202017075881
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(32) 08.03.2016	Germany	(51) A01D 43/10
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(51) A01C 19/02	A01D 34/82	A01D 82/02
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(47) 23.10.2024	(54) GARDEN TOOL AND CONTROL	(22) 14.08.2019
(87) US2019030246	METHOD THEREOF	(54) AGRICULTURAL SYSTEM INCLUDING
05.11.2020	(73) Globe (Jiangsu) Co., Ltd.	A SHREDDING MACERATOR AND
(22) 01.05.2019	(72) TAO, Xing	METHOD THEREOF
(54) SYSTEMS AND METHOD FOR	FENG, Shouchuan	(73) Deere & Company
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(47) 23.10.2024	30.03.2023	(22) 26.08.2021
(22) 12.05.2021	(22) 24.09.2021	(54) APPARATUS FOR HARVESTING
(54) IN-FIELD SOIL ANALYSIS SYSTEM	(54) RIDING LAWN MOWER	SMALL FRUITS
AND METHOD	(73) Nanjing Chervon Industry Co., Ltd.	(73) VIVARELLI, Alice
(73) Deere & Company	(72) XU, Yanqing	(72) MATTAROZZI, Nicolò
(72) Goering, Kevin J.	YANG, Dezhong	VIVARELLI, Alice
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(54) AGRICULTURAL NUTRIENT	(31) 102017205311	(22) 04.02.2020
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CROP	(51) A01D 41/127	(73) Deere & Company
(73) Deere & Company	G01L 1/00	(72) Chen, Jixin
(72) Wright, Yancy E.	(11) EP4256939	Vandeven, Micheal L
Goering, Kevin J.	(21) EP22166806.4	(51) A01F 15/07
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	METHOD FOR DETERMINING THE	

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(54) METHOD FOR CONTROLLING	13.06.2019	(21) EP15752886.0
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(73) Shin-Etsu Chemical Co., Ltd.	United States of America	(73) SPH Zhongxi Pharmaceutical Co., Ltd.
(72) MATSUSUE, Shintaro	(51) A61K 31/05	Shanghai Modern Pharmaceutical Engineering Research Center Co., Ltd.
YOKOSAWA, Takuya	A61K 31/122	(72) CHEN, Fang
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A61K 47/60	(21) EP22216685.2	ZHOU, Min
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A61P 25/22	(47) 23.10.2024	(72) SHI, Victor Chengwei
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(33) United States of America	C07D 487/10	MIMURA Takayuki
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YAO, Yu	ITEMS EQUIPPED WITH A DEVICE	(72) AOKI, Shinya
ZHOU, Jiewei	FOR CONDENSING THE STEAM	GOTO, Kengo
ZHENG, Minglan	COMING FROM THE WASH TANK	MIURA, Takashi
YANG, Kang	(73) Bonferraro S.p.A.	HAMADA, Tetsuya
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COATING CARDIOVASCULAR	A61M 13/00	A61M 5/142
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LANIER, Gregory	MAKING THEM	Zivkovic, Ivan
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A61K 8/46	POLYMER	Lynxsport GmbH
A61Q 5/06	(73) L'OREAL	(72) SIDANER, Yvonnick
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A61K 8/41	(11) EP3782703	RETURN DEVICE
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(54) DATA PROCESSING METHOD AND	BURTONWOOD, Matt	ENGINE
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AND ELECTRONIC DEVICE AND	(32) 09.02.2022	(72) BEAULIEU, Rose
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(73) Tencent Technology (Shenzhen)	(51) B01D 17/04	(32) 09.04.2021
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(47) 23.10.2024	RETENTION DEVICE AND METHOD	(22) 02.02.2022
(22) 05.04.2017	FOR RETAINING A FOREIGN FLUID	(54) MAGNETIC FILTER FOR PROCESSING
(54) OPERATION SYSTEM, GAME SYSTEM,	FROM A FLUID	A FLUID
AND GAME CONTROLLER CAPABLE	(73) FAUDI Aviation GmbH	(73) R.B.M. S.p.A.
OF IDENTIFYING CONNECTED	(72) LAUBER, Uwe	(72) BOSSINI, Guido
DEVICE WITH SIMPLIFIED SCHEME	ADEN, Matthias	(31) 202100002198
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(22) 17.12.2021	(54) FILTER INSERT AND LIQUID FILTER	16.11.2017
(54) TOY	COMPRISING SUCH A FILTER INSERT	(22) 12.05.2016
(73) Day1 GmbH	(73) Robert Bosch GmbH	(54) POWDER-BASED BUILD MATERIAL
(72) WELLNER, Thomas	(72) ARIAS ARIAS, Jose Luis	MANAGEMENT APPARATUS FOR AN
(31) 102020216268	FERNANDEZ GARCIA, Javier	ADDITIVE MANUFACTURING SYSTEM
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ELEMENT, USE OF A METAL FILM	B82Y 30/00	BULGING LAND PORTIONS AND NON-
AS A DISTANCE COMPENSATION	B22F 10/73	ROTARY CUTTING TOOL PROVIDED
ELEMENT AND ARRANGEMENT	B33Y 70/10	THEREWITH
HAVING DISTANCE COMPENSATION	(11) EP3723926	(73) ISCAR LTD.
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B25J 15/00	HIGH-PRECISION MACHINING	(73) BIESSE S.p.A.
B25J 15/02	(73) HPT Sinergy S.r.l.	(72) BALDUCCI, Fabio
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B24B 21/00	ARTICULATED LEVER OR CAM	Abd Rahman, Khiri
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B25B 5/00	SUITABLE FOR A SCREW OR A BOLT	(11) EP4067005
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(21) EP19950235.2	CROCOMBETTE, Pascal	(72) SIRAGUSA, Matthew A.
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FOR A MACHINE TOOL OR PORTABLE	FORSYTH, Jeffrey	(51) B27D 5/00
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(72) HOLTZINGER, Sven	CLEARY, David	(21) EP23162515.3
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SCHMID, Christian	China	Romania
BERGER, Christoph	(51) B27D 3/02	(72) Gutt, Gheorghe
CHAPELAT, Carole	B29C 70/54	Dimian, Mihai
IANNUCCI, Kilian	B27M 1/04	Popa, Valentin
KRAUSE, Alexandra	B27M 1/02	Sonia, Amariei
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BLAAKMEER, Jan	B29C 48/05	(73) Mitsubishi Chemical Corporation
NUNES LOBO, Bruno, Miguel	B29C 48/40	(72) KANEHAGI, Junji
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B23B 27/14	(54) PELLET CONTAINING AT LEAST AN ADDITIVE IN A CHANNEL, AND RELATED METHOD	B29C 49/02
B23B 27/20	(73) Dow Global Technologies LLC	B29C 48/00
C30B 29/04	(72) GOU, Qian	B29C 48/09
G01N 33/00	SUN, Yabin	(11) EP4289591
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(22) 24.12.2020	B29C 49/06	GALDI, ANTONIO
(54) METHOD FOR PRODUCING DIAMOND TOOL INTERMEDIATE AND METHOD FOR DETERMINING SINGLE CRYSTAL DIAMOND	B29C 49/22	SALLIONI, ANDREA
(73) Sumitomo Electric Hardmetal Corp.	B29C 49/48	(31) 202200011978
(72) NISHIZAWA, Masayuki	B65D 1/02	(32) 07.06.2022
MEGURO, Kiichi	B29C 33/42	(33) Italy
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(54) METHOD FOR ALTERING MORPHOLOGY OF A SUPERABSORBENT POLYMER, SPECIFICALLY AN SAP POLYMER GEL, USING A SINGLE-SHAFT EXTRUDER	(22) 26.06.2020	(54) ONE-PIECE CAST COMPONENT HAVING AT LEAST ONE INTEGRATED ATTACHMENT PART, AND METHOD FOR PRODUCING A CAST COMPONENT
(73) BASF SE	(54) APPARATUS FOR PRODUCING RESIN MOLDED ARTICLE, METHOD FOR PRODUCING RESIN MOLDED ARTICLE, AND RESIN MOLDED ARTICLE	(73) Lisa Dräxlmaier GmbH
(72) HAAG, Monica	(73) NISSEI ASB MACHINE CO., LTD.	(72) FELLNER, Walter
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KRAUSS, Roland	USAMI, Masayuki	DILENA, Maria
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MOLDED FEATURE	OHTA, Daisuke	FIBRE COMPOSITE HOLLOW BODY
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(72) ARMBRUSTER, Rainer	(32) 27.07.2018	(73) FiberSol GmbH
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(54) COMPLEX FORMING DEVICE FOR	H01M 50/105	COMPOSITE PIPE
PRODUCING A COMPLEX PRODUCT	H01M 10/04	(73) Fibron Pipe GesmbH
FROM NON-PROTRUDING RUBBER	B29C 51/08	(72) Keßler, Andreas
LAYERS	B29C 51/04	(51) B29C 64/112
(73) COMPAGNIE GENERALE DES	B29L 31/00	B29C 64/209
ETABLISSEMENTS MICHELIN	B29L 31/34	B29C 64/393
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(47) 23.10.2024	JEON, Su Ho	(73) Liqtra GmbH
(87) EP2021080090	YEO, Sang Uk	(72) KRIEGLSTEINER, Joscha
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A RUBBER MIXTURE	(11) EP3950270	(51) B29C 64/112
(73) COMPAGNIE GENERALE DES	(21) EP20850385.4	B33Y 80/00
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B29K 33/00	YASURAOKA, Kazuki	COMPOSITE MATERIAL
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(73) General Electric Company	(72) EHLERT, Thomas David	United States of America
(72) Dubelman, Meredith Elissa	MCNICHOLS, Patrick Sean	(51) B29C 73/24
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RIFAUT, Jean-Luc	B29L 31/08	PARK, David
SCHUMACHER, Knut	B29C 70/44	KNOWLES, David B.
REMHOF, Tilo	(11) EP3086924	(51) B29D 30/02

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DESILVA, Saseendra	(73) VMI Holland B.V.	ROULIN, Yannick
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(47) 23.10.2024	(54) TIRE INTEGRATED WITH	B60W 30/18
(22) 06.01.2023	ELECTRONIC DEVICE AND	B60W 10/11
	MANUFACTURING METHOD THEREOF	B60K 6/387
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(22) 21.03.2023	(72) HARA, Tomoyuki	AND METHOD FOR OPERATING SUCH
(54) GEAR SHIFT CONTROL DEVICE OF	HIRANO, Kotaro	A SENSOR DEVICE
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(73) MAZDA MOTOR CORPORATION	(32) 22.03.2017	(72) STAUDE, Sascha
(72) NISHIKORI, Daigo	(33) Japan	MUELLER, Stefan
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(22) 21.07.2020	B60K 7/00	(54) VEHICLE CONTROL DEVICE AND
(54) DIVISIBLE WHEEL DRIVE	B60K 17/10	CONTROL METHOD THEREFOR
(73) Breuell & Hilgenfeldt GmbH	B60K 1/04	(73) LG Electronics Inc.
(72) Klahn, Michael	B60K 23/04	(72) CHOI, Sunghwan
Michel, Robert	B60K 23/08	JUNG, Dukyung
(31) 102019119775	B60K 6/00	JANG, Yujung
(32) 22.07.2019	B60K 6/12	CHOI, Byeongjun
(33) Germany	B60K 6/46	KIM, Yeonsoo
(51) B60K 11/04	B60K 6/52	(31) 201962949927 P
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(54) CONDITIONING ARRANGEMENT FOR	FOR A MOTOR VEHICLE AND MOTOR	(47) 23.10.2024
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(33) Italy	(33) Germany	VAN GERVE, Alan
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(72) MURATA, Michitomo	(72) VAN DE VEN, Frank Peter William	(51) B60L 50/40
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HANAWA, Jyunichi	(31) 2026343	B60L 15/20
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(11) EP3587160	(11) EP3555732	A TRACTOR AND AT LEAST ONE
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(87) US2016047308	(31) 1906362	VEHICLE
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(73) Eaton Intelligent Power Limited	(21) EP19901396.2	(32) 28.09.2022
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(51) B60L 53/65	(73) Push King Trailers, LLC	F21S 41/155
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TENSIONING MECHANISM	B60R 13/00	AKTIENGESELLSCHAFT
(73) BRITAX RÖMER Kindersicherheit GmbH	B60R 19/50	(72) PEETZ, Arnaud
(72) FRANK, Richard	F21S 43/14	(31) 102020205520
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(22) 21.02.2022	(32) 11.03.2021	(54) CLEANING DEVICE AND METHOD FOR CLEANING A RAILWAY VEHICLE
(54) HOLDER DEVICE FOR A MOTOR VEHICLE	(33) France	(73) Robel Bahnbaumaschinen GmbH
(73) Manfred Hafele GmbH	(51) B60R 13/08	(72) PFINGSTL, Andreas
(72) HAFELE, Manfred	B60K 35/00	SENDLHOFFER, Gerhard
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(32) 22.02.2021	G06F 1/20	FLATSCHER, Josef
(33) Austria	(11) EP3733458	SCHMID, Gregor
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(47) 23.10.2024	(54) DEVICE FOR HOLDING A COMPUTING UNIT	(33) Germany
(22) 09.12.2022	(73) KONRAD GmbH	(51) B60T 7/12
(54) DEVICE FOR A VEHICLE AND VEHICLE	(72) KONRAD, Michael	B60T 8/17
(73) Witte Automotive GmbH	HOLZHEU, Ralf	B60T 8/171
(72) SCHÖLER, Manuel	FRECH, Jochen	B60T 8/172
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(72) HARDÅ, Peter	(22) 22.07.2020	FENG, Zhiqi
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(51) B60T 13/66	(73) Yamaha Hatsudoki Kabushiki Kaisha	LI, Yongchen
B60T 13/74	(72) HINO, Haruyoshi	WU, Pingping
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(54) SYSTEM FOR DETERMINING A	B60W 30/095	(11) EP4211010
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(72) HALL, Ola	(51) B60W 30/18	(72) INOUE, Hirofumi
(31) 1950294	B60W 50/00	NISHIYAMA, Jo
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(33) Sweden	(21) EP22214781.1	SHIKODA, Yu
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(51) B60W 50/14	(73) GTS Deutschland GmbH	KURBASIC, Robert
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(72) Bellin, Jan	(22) 08.11.2021	(87) EP2021050165
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(51) B61B 12/02	ASCERTAINING CORRECTION	(22) 07.01.2021
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(22) 28.06.2023	(72) METZGER, Bernhard	(73) thyssenkrupp Presta AG
(54) ROPEWAY WITH LIMITING DEVICE	(31) 510262020	thyssenkrupp AG
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(72) Hoeck, Jari	(33) Austria	RAITHER, Wolfram
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(54) METHOD FOR VITAL COUPLING	(54) VEHICLE WITH A STEERING WHEEL	F16D 41/30
OF A ROUTE-BASED PROTECTION	ARRANGEMENT	B60B 27/02
SYSTEM AND A BLOCK-BASED	(73) Mercedes-Benz Group AG	B60B 27/00
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Boughton, David	France	B64C 11/14
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(22) 28.02.2022	(21) EP16891330.9	ASSEMBLY OF AN AERO ENGINE
(54) PULLEY FOR A REAR DERAILLEUR	(47) 23.10.2024	(73) Aecc Commercial Aircraft Engine Co.,
OF A BICYCLE	(87) FI2016050122	Ltd.
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F16D 7/00	(54) A ROTARY WING AIRCRAFT WITH AN	(21) EP19157943.2
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(54) AEROSTRUCTURE ACTUATION	RIES, Tobias	(73) Goodrich Corporation
SYSTEM	(51) B64C 29/00	(72) BALASUBRAMANIAN, Rameshkumar
(73) Hamilton Sundstrand Corporation	B64C 3/38	NAYAK, Sudhendra
(72) ANKNEY, Darrell E.	B64C 5/02	MUTHULINGAM, Venkatesan
BLACKMER, Jerold L.	B64C 23/06	HIRIYANNAIAH, Naveen Kumar
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VORTEX GENERATORS	GRONINGA, Kirk	UNIT
(73) Blue Spirit Aero SAS	IVANS, Steven	(73) Safran Seats GB Limited
(72) VINCEKOVIC, David	HURST, Jason	(72) JAMES, Rachel
PASQUIET, Florian	(31) 202117324184	(31) 201906923
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(54) AIRCRAFT LANDING GEAR	(73) Wisk Aero LLC	(32) 11.06.2019
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(47) 23.10.2024	(87) FR2021051586	OPENING OF THE ENGINE NACELLE
(22) 14.12.2020	24.03.2022	FOR TURBOJET OR TURBOFAN
(54) A ROTARY WING AIRCRAFT WITH AN	(22) 16.09.2021	ENGINES
ASYMMETRICAL FRONT SECTION	(54) TRANSPORT AND RELEASE DEVICE	(73) Leonardo S.p.a.
(73) Airbus Helicopters Deutschland GmbH	WITH A CARTRIDGE PRESENCE	(72) PREMAZZI, Marco
(72) PFALLER, Rupert	INDICATOR	NUGNES, Giuseppina

ROMANO, Antonio	SAVIN, Olivier	(21) EP21839496.3
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B64D 27/355	PRESSURE FIELD/AREA-INDUCING	(47) 23.10.2024
B60L 50/71	ARRANGEMENT THEIR USE WITH	(22) 21.12.2020
B60L 58/40	TURBINE-LIKE DEVICES AND	(54) REFUELING TOOL AND SYSTEM
B64C 7/00	METHOD FOR USING SAME	INCORPORATING THE REFUELING
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B64D 37/30	(72) SCHURTENBERGER, Walter	(73) MacDonald, Dettwiler and Associates
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AND AIRCRAFT	(47) 23.10.2024	GRANDY, Drew Alexander
(73) Blue Spirit Aero SAS	(22) 08.06.2022	NIFO, Victor
(72) VINCEKOVIC, David	(54) HEAT DISSIPATING LIGHT ASSEMBLY	(31) 201962951502 P
PASQUIET, Florian	(73) Goodrich Corporation	(32) 20.12.2019
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H01M 8/00	B64C 3/56	MODULES WITH EACH OTHER,
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B60L 50/71	(21) EP19893705.4	COUPLING DEVICE, METHOD FOR
B64D 37/04	(47) 23.10.2024	THE COUPLING AND DECOUPLING
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(72) VINCEKOVIC, David	G08G 5/06	B65B 3/02
PASQUIET, Florian	(11) EP4263355	B65B 3/06

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(22) 25.10.2022	(54) SYSTEM FOR ALIGNMENT OF BIG	(22) 10.08.2021
(54) BUFFER UNIT FOR A PACKAGING	BAGS AND METHOD THEREFORE	(54) DEVICE FOR WRAPPING AND
APPARATUS, PACKAGING	(73) Panpac Engineering A/S	UNWRAPPING A BASE BODY
APPARATUS AND METHOD FOR	(72) NIELSEN, Christian Torp	OR CLOSURE OF A REUSABLE
PRODUCING SEALED PACKAGES	PEDERSEN, Lasse	PACKAGING
(73) Tetra Laval Holdings & Finance S.A.	(31) PA202070819	(73) Michalt Technology GmbH
(72) RICCO', Marco	(32) 08.12.2020	(72) Michalko, Milan
BORASI, Gabriele	(33) Denmark	(31) 506752020
(31) 21206631	(51) B65B 43/50	(32) 12.08.2020
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(21) EP22151540.6	(54) CAROUSEL MACHINE FOR	SYSTEM, AND METHODS OF USE
(47) 23.10.2024	PACKAGING	(73) Reynolds Presto Products Inc.
(22) 14.01.2022	(73) Dolcepack Sagi	(72) DERUE, Nicholas, A.
(54) INFEED CONVEYOR FOR A FOLDING	(72) FERRARI, Andrea	THOMPSON, Gregg
APPARATUS, FOLDING APPARATUS	(31) 202100000872	RAWLUSZKI, Joel A.
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PACKAGING MACHINE HAVING A	(33) Italy	(32) 21.06.2019
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(73) Tetra Laval Holdings & Finance S.A.	B65D 41/04	(51) B65D 35/44
(72) VALLI, Andrea	B65D 47/08	B65D 51/22
MAZZUCA, Carmine	B65D 50/06	(11) EP3980343
BORTOLOTTI, Edoardo	(11) EP4206083	(21) EP20729089.1
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(11) EP4043350	(32) 09.12.2021	(73) Albéa Services
(21) EP22155931.3	(33) Italy	(72) DEFERT, Sylvain
(47) 23.10.2024	(51) B65D 5/24	FRITSCH, Franck
(22) 09.02.2022	B65D 5/56	MIETTE, Louis
(54) PACKER MACHINE AND WRAPPING	B65D 21/02	(31) 1906090
METHOD TO PRODUCE A RIGID PACK	B65D 43/02	(32) 07.06.2019
FOR SMOKING ARTICLES WITH A	(11) EP4255820	(33) France
SEALED INNER WRAP	(21) EP21835973.5	(51) B65D 41/22
(73) G.D Società per Azioni	(47) 23.10.2024	A47G 19/26
(72) MARRONE, Quintino	(87) EP2021083985	(11) EP3521196
MECCAGNI, Mattia	09.06.2022	(21) EP19020074.1
SARTI, Stefano	(22) 02.12.2021	(47) 23.10.2024
SPIRITO, Gilberto	(54) FOLDING BOX FOR CLOSING WITH A	(22) 20.02.2014
SQUARZONI, Michele	LID	(54) REUSABLE FOOD COVERS
GAMBERINI, Giuliano	(73) Eckermann, Jens	(73) Food Huggers Inc.
(31) 202100002912	(72) SKOLIK, Bernard	(72) Ivankovic, Michelle
(32) 10.02.2021	ECKERMAN, Jens	McNicholas, Adrienne
(33) Italy	(31) 202020106949 U	(31) 201313954475
(51) B65B 43/36	(32) 02.12.2020	201361838461 P
B65B 43/52	(33) Germany	201361769312 P
B65B 57/04	(51) B65D 23/02	(32) 30.07.2013
B65B 61/00	B29C 63/00	24.06.2013
B65G 47/244	B29C 63/20	26.02.2013
B65G 47/22	B29C 63/36	(33) United States of America
B65B 1/06	B65D 23/08	United States of America

United States of America	(47) 23.10.2024	(47) 23.10.2024
(51) B65D 41/34	(87) JP2019041728	(87) AT2022060235
(11) EP3908533	07.05.2020	12.01.2023
(21) EP20700029.0	(22) 24.10.2019	(22) 30.06.2022
(47) 23.10.2024	(54) COMBINATION OF A REFILL	(54) METHOD FOR STORING OR
(87) EP2020050211	CONTAINER AND A PACKAGING	RETRIEVING STORAGE AIDS
16.07.2020	CONTAINER	(73) Knapp AG
(22) 07.01.2020	(73) Fujimori Kogyo Co., Ltd.	(72) MATHI, Franz
(54) CLOSURE CAP FOR CLOSING A	(72) ONO, Matsutaro	PUNTIGAM, Wolfgang
CONTAINER	(31) 2018203604	GAILBERGER, Christoph
(73) ALPLA Werke Alwin Lehner GmbH & Co.	(32) 30.10.2018	(31) 505642021
KG	(33) Japan	(32) 08.07.2021
(72) ERWIN, Mayer	(51) B65D 77/04	(33) Austria
(31) 16952019	A45D 40/00	(51) B65G 1/04
14672019	(11) EP3889067	B65D 25/14
62019	(21) EP21165115.3	B65D 25/16
(32) 23.12.2019	(47) 23.10.2024	(11) EP4223667
20.11.2019	(22) 26.03.2021	(21) EP23166070.5
07.01.2019	(54) REFILLABLE PACKAGING DEVICE	(47) 23.10.2024
(33) Switzerland	FOR A COSMETIC PRODUCT, AND	(22) 31.01.2017
Switzerland	ASSOCIATED REFILL	(54) STORAGE SYSTEM
Switzerland	(73) Chanel Parfums Beauté	(73) Ocado Innovation Limited
(51) B65D 47/04	(72) COQUARD, Christophe	(72) SHAIKH, Siddique
B65D 75/58	(31) 2003169	BATES, Martyn Lee
B65D 77/06	(32) 31.03.2020	SELIM, Andrew
(11) EP3990360	(33) France	(31) 201602505
(21) EP20743438.2	(51) B65D 77/04	(32) 12.02.2016
(47) 23.10.2024	B65D 77/06	(33) United Kingdom
(87) US2020039871	(11) EP3853148	(51) B65G 1/04
30.12.2020	(21) EP19783426.0	B65G 47/90
(22) 26.06.2020	(47) 23.10.2024	(11) EP4269281
(54) FITMENT FOR A PACKAGE AND	(87) EP2019000271	(21) EP22170743.3
PACKAGE	26.03.2020	(47) 23.10.2024
(73) L'OREAL	(22) 18.09.2019	(22) 29.04.2022
(72) ROBINSON, Michael	(54) MODULAR UNIT COMPRISING A	(54) GRIPPER FOR MOVING PIECE
FYFE, Jason	REMOVAL FITTING WITH WELDED-	GOODS AND METHOD FOR MOVING
TOWNSEND, Jeffrey	ON INLINER FOR INSERTION INTO	PIECE GOODS WITH THE GRIPPER
(31) 201916457358	A PLASTIC INNER CONTAINER OF A	(73) Becton Dickinson Rowa Germany GmbH
(32) 28.06.2019	PALLET CONTAINER AND METHOD	(72) HELLENBRAND, Christoph
(33) United States of America	FOR PRODUCING A MODULAR UNIT	GROSS, Dietmar
(51) B65D 71/14	(73) Mauser-Werke GmbH	(51) B65G 1/137
B65D 71/36	(72) WEYRAUCH, Detlev	B65G 43/08
(11) EP3740436	(31) 202018004352 U	B65G 47/96
(21) EP19702164.5	(32) 19.09.2018	B07C 7/00
(47) 23.10.2024	(33) Germany	B07C 3/08
(87) US2019013161	(51) B65D 83/04	(11) EP3873831
25.07.2019	B65D 75/56	(21) EP19809224.9
(22) 11.01.2019	A61J 1/03	(47) 23.10.2024
(54) ARTICLE CARRIER, SHIPPING	B65D 21/02	(87) US2019058845
CARTON & PACKAGE SYSTEM	B65D 71/50	07.05.2020
(73) WestRock Packaging Systems, LLC	B65D 77/04	(22) 30.10.2019
(72) BUSCEMA, Craig W.	(11) EP4185546	(54) A SEMI-AUTONOMOUS PROCESSING
FOUSHEE, Fred S.	(21) EP21733553.8	SYSTEM FOR PROCESSING OBJECTS
WALLING, Bradford J.	(47) 23.10.2024	AND A METHOD FOR PROVIDING
ZACHERLE, Matthew E.	(87) IB2021055144	SEMI-AUTONOMOUS PROCESSING
(31) 201862678482 P	27.01.2022	OF OBJECTS
201862664618 P	(22) 11.06.2021	(73) Berkshire Grey Operating Company, Inc.
201862619342 P	(54) ASSEMBLY OF ENCAPSULATION	(72) WAGNER, Thomas
(32) 31.05.2018	ELEMENTS	ALLEN, Thomas
30.04.2018	(73) Bucci Automations S.p.A.	FORT, William, Hartman
19.01.2018	(72) ALLERA, Diego	MARONEY, Kyle
(33) United States of America	GIACOMELLI, Giuliano	NASEEF, Samuel
United States of America	(31) 202000018025	GAUTHIER, Andrew
United States of America	(32) 24.07.2020	AHEARN, Kevin
(51) B65D 75/58	(33) Italy	AMEND, John, Richard, Jr.
B65D 47/06	(51) B65G 1/04	COHEN, Benjamin
(11) EP3875389	(11) EP4363352	DAWSON-HAGGERTY, Michael
(21) EP19878440.7	(21) EP22737716.5	GEYER, Christopher

KING, Jennifer, Eileen	(21) EP21824702.1	(31) 102021103561
KOLETSCHKA, Thomas	(47) 23.10.2024	(32) 16.02.2021
MASON, Matthew, T.	(87) NL2021050754	(33) Germany
MCMAHAN, William, Chu-Hyon	23.06.2022	(51) B65H 54/38
PRICE, Gene, Temple	(22) 10.12.2021	(11) EP3865442
ROMANO, Joseph	(54) A SYSTEM AND A METHOD FOR	(21) EP19870737.4
SMITH, Daniel	PROCESSING POULTRY SLAUGHTER	(47) 23.10.2024
SRINIVASA, Siddhartha	PRODUCTS	(87) JP2019032212
VELAGAPUDI, Prasanna	(73) Marel Poultry B.V.	16.04.2020
(31) 201862752607 P	(72) PETERS, Erik Hendrikus Werner	(22) 19.08.2019
(32) 30.10.2018	HOENSELAAR, Ties Antoon Henricus	(54) YARN WINDER AND PACKAGE
(33) United States of America	REIJN, Theodorus Cornelis	PRODUCTION METHOD
(51) B65G 17/30	(31) 2027128	(73) TMT Machinery, Inc.
B65G 17/08	(32) 16.12.2020	(72) HASHIMOTO, Kinzo
B65G 17/06	(33) Netherlands	BANDO, Shiro
(11) EP3344563	(51) B65H 29/40	OKADA, Takehiro
(21) EP16842535.3	B65H 43/00	(31) 2018190595
(47) 23.10.2024	(11) EP4242149	(32) 09.10.2018
(87) US2016045954	(21) EP22161173.4	(33) Japan
09.03.2017	(47) 23.10.2024	(51) B65H 57/00
(22) 08.08.2016	(22) 09.03.2022	B65H 57/14
(54) CONVEYOR BELTS AND MODULES	(54) AN INKJET SHEET PRINTER WITH	B65H 57/16
WITH TWIST-LOCK ACCESSORIES	A SHEET STACKER COMPRISING A	B29D 30/38
(73) Laitram, L.L.C.	SHEET FLIPPING DEVICE	(11) EP4251551
(72) BOGLE, David, W.	(73) Canon Production Printing Holding B.V.	(21) EP21815488.8
RIDGELL, Terral, A.	(72) BORCHERT, Christopher J.	(47) 23.10.2024
CANCIENNE, JR., Warren, E.	VAN DONGEN, Peter J.W.	(87) EP2021082240
(31) 201514841907	KUYPERS, Hermanus M.	02.06.2022
(32) 01.09.2015	(51) B65H 35/00	(22) 19.11.2021
(33) United States of America	(11) EP3621908	(54) SYSTEM FOR DRAWING AND
(51) B65G 39/02	(21) EP18799206.0	TRANSFERRING WIRES AND
F16C 13/00	(47) 23.10.2024	METHOD OF USE
B65G 21/20	(87) IB2018053293	(73) COMPAGNIE GENERALE DES
B65G 15/58	15.11.2018	ETABLISSEMENTS MICHELIN
(11) EP3554970	(22) 11.05.2018	(72) JEGO, Laurent
(21) EP16924126.2	(54) PORTABLE AND DETACHABLE	TREMBLIER, Jérôme
(47) 23.10.2024	DISPENSER	(31) 2012160
(87) US2016067088	(73) InventIndia Innovations Private Limited	(32) 26.11.2020
21.06.2018	(72) GHOSE, Mahaan	(33) France
(22) 16.12.2016	SUDHIR, Sanandan	(51) B65H 57/22
(54) VACUUM NOSE ROLL	(31) 201711016667	B65H 59/10
(73) Kimberly-Clark Worldwide, Inc.	(32) 12.05.2017	B65H 59/38
(72) KONETZKE, Richard M.	(33) India	(11) EP4310043
VENTURINO, Michael B.	(51) B65H 37/00	(21) EP23182007.7
MATTIOLI, Michael	B43L 19/00	(47) 23.10.2024
(51) B65G 39/20	(11) EP3424855	(22) 28.06.2023
B61B 13/04	(21) EP18181354.4	(54) METHOD FOR CONTROLLING THE
F16C 29/12	(47) 23.10.2024	WINDING TENSION
B65G 65/00	(22) 03.07.2018	(73) Savio Macchine Tessili S.p.A.
F16C 29/04	(54) COATING FILM TRANSFER TOOL	(72) VELLUDO, Massimo
B65G 35/06	(73) Tombow Pencil Co., Ltd.	GOBBATO, Mauro
(11) EP3929113	(72) FUJISAWA, Hiromichi	SINGH, Manpreet
(21) EP21179980.4	(31) 2017131409	(31) 202200015126
(47) 23.10.2024	(32) 04.07.2017	(32) 19.07.2022
(22) 17.06.2021	(33) Japan	(33) Italy
(54) MATERIAL HANDLING SYSTEM BY	(51) B65H 51/16	(51) B66B 5/02
MEANS OF TRACK AND CARRIAGES	H01R 43/28	(11) EP4008664
(73) SONZOGNI CAMME S.P.A.	(11) EP4294750	(21) EP20212046.5
(72) FUSTINONI, Roberto	(21) EP21840786.4	(47) 23.10.2024
(31) 202000015373	(47) 23.10.2024	(22) 04.12.2020
(32) 25.06.2020	(87) DE2021101023	(54) METHOD OF PREVENTING GRAVITY
(33) Italy	25.08.2022	JUMP AT EMERGENCY STOP IN
(51) B65G 47/61	(22) 21.12.2021	ELEVATOR SYSTEMS
B65G 47/84	(54) ARRANGEMENT FOR TRANSPORTING	(73) Otis Elevator Company
A22B 7/00	A WIRE FROM A WIRE PROCESSING	(72) SCHÖNAUER, Uwe
A22C 21/00	MACHINE TO A DISCHARGING POINT	(51) B66B 5/16
B65G 47/52	(73) Rittal GmbH & Co. KG	B66B 5/18
(11) EP4262405	(72) BÄCHLER, Andreas Michael	

(11) EP4122863	(54) MODULAR MACHINE ROOM CRANE	(54) WINCH DEVICE, ESPECIALLY FOR A
(21) EP22185262.7	FOR A WATERCRAFT	DEVICE ASSEMBLY
(47) 23.10.2024	(73) thyssenkrupp Marine Systems GmbH	(73) BAUER Maschinen GmbH
(22) 15.07.2022	thyssenkrupp AG	(72) Peyerl, Andreas
(54) ELEVATOR SAFETY SYSTEM AND	(72) Adler, Jörg	(51) B66D 1/60
ELEVATOR EQUIPMENT	(31) 102019209334	E04G 23/08
(73) OTIS Elevator Company	(32) 27.06.2019	B64D 1/22
(72) WANG, Wei	(33) Germany	B66D 1/28
(31) 202110824368	(51) B66C 23/26	B66D 5/10
(32) 21.07.2021	B66C 23/88	(11) EP3959130
(33) China	(11) EP3936469	(21) EP20795078.3
(51) B66B 5/22	(21) EP21183605.1	(47) 23.10.2024
B66B 15/00	(47) 23.10.2024	(87) CA2020050549
(11) EP3606857	(22) 05.07.2021	29.10.2020
(21) EP18715678.1	(54) TOWER CRANE WITH DETECTION	(22) 27.04.2020
(47) 23.10.2024	OF A STATE OF AUTOROTATION OR	(54) IMPACTOR APPARATUS OPERATED
(87) EP2018058544	OSCILLATION OF A ROTATING PART	FROM ROTORCRAFT
11.10.2018	IN OUT-OF-SERVICE CONFIGURATION	(73) Fabrications TJD Inc.
(22) 04.04.2018	(73) Manitowoc Crane Group France	(72) DESPRÉS, Jean
(54) MINE SHAFT CONVEYANCE SAFETY	(72) MATHE, Denis	(31) 201962839213 P
BRAKE	(31) 2007163	(32) 26.04.2019
(73) FLSmidth A/S	(32) 07.07.2020	(33) United States of America
(72) KENNEDY, Donald Todd	(33) France	(51) B66F 9/075
LAARAKKER, Henry T	(51) B66C 23/53	B66F 9/18
THIESEN, Marcus	B66C 23/18	B66F 9/20
(31) PA201770243	B66C 23/64	B65G 1/04
(32) 04.04.2017	B66C 23/68	B60L 1/00
(33) Denmark	B63B 27/16	B62B 3/06
(51) B66C 1/02	B66C 13/02	B65G 1/127
B65G 47/91	B66F 11/04	B65G 1/133
(11) EP4090622	(11) EP4008679	B65G 23/00
(21) EP21741810.2	(21) EP21211889.7	B60L 50/50
(47) 23.10.2024	(47) 23.10.2024	B62B 3/00
(87) SE2021050015	(22) 02.12.2021	B65G 1/137
22.07.2021	(54) ARTICULATED BOOM CRANE, FOR	B65G 1/10
(22) 13.01.2021	OFFSHORE APPLICATION	(11) EP3816096
(54) VACUUM LIFTING ARRANGEMENT	(73) REEL	(21) EP20204650.4
AND METHOD FOR PROVIDING A	(72) HEEN, Frank	(47) 23.10.2024
SUCH	BURGER, Bart	(22) 29.10.2020
(73) Tawi AB	(31) 2108433	(54) MATERIAL HANDLING VEHICLE
(72) CARLSSON, John	2012580	HAVING A CLAMP WITH POWER AND
(31) 2050020	(32) 03.08.2021	COMMUNICATIONS CONTACTS
(32) 14.01.2020	03.12.2020	(73) The Raymond Corporation
(33) Sweden	(33) France	(72) GONCALVES, Fernando D.
(51) B66C 1/06	France	KIRK, John Bryant
B66C 1/08	(51) B66C 23/693	DOLEZEL, Keith F.
(11) EP4074645	B66C 23/70	(31) 202062992548 P
(21) EP21750356.4	(11) EP4019454	201962927278 P
(47) 23.10.2024	(21) EP20855007.9	(32) 20.03.2020
(87) JP2021001642	(47) 23.10.2024	29.10.2019
12.08.2021	(87) JP2020031660	(33) United States of America
(22) 19.01.2021	25.02.2021	United States of America
(54) NOTIFICATION SYSTEM	(22) 21.08.2020	(51) B66F 9/075
(73) KOBELCO CONSTRUCTION	(54) WORK MACHINE	B66F 17/00
MACHINERY CO., LTD.	(73) TADANO LTD.	(11) EP4049963
(72) FUJIWARA, Yusuke	(72) SHIRAI, Manato	(21) EP21184667.0
SAIKI, Seiji	NAGAHAMA, Kazu	(47) 23.10.2024
YUMOTO, Natsuki	ZUSHI, Masahide	(22) 09.07.2021
(31) 2020015989	(31) 2019151521	(54) STRUCTURAL INTEGRATED SENSOR
(32) 03.02.2020	(32) 21.08.2019	(73) Hyster-Yale Materials Handling, Inc.
(33) Japan	(33) Japan	(72) WATERS, Edmund
(51) B66C 9/16	(51) B66D 1/08	MCDERMOTT, Ryan
B63B 27/10	B66D 1/12	BROTHERTON, Joseph
B66C 17/06	E02D 17/13	DRAAYER, Nicholas M.
(11) EP3760566	(11) EP4071100	TIMCZYK, John
(21) EP20178724.9	(21) EP21167443.7	ISRAELSSON, Erik
(47) 23.10.2024	(47) 23.10.2024	KARR, Matthew
(22) 08.06.2020	(22) 08.04.2021	(31) 202117187276

(32) 26.02.2021	(54) SYSTEM AND METHOD FOR	Kansas State University Research
(33) United States of America	PREPARING A BEVERAGE	Foundation
(51) B66F 9/12	(73) Craftworks Holding B.V.	(72) DEMPSEY, Paul W.
B66F 9/06	(72) DESSING, Jacobus Petrus Maria	HANTULA, Spencer
(11) EP4274799	(31) 2024366	APARICIO, Cristina-Mihaela Sandu
(21) EP22700242.5	(32) 03.12.2019	BOSSMANN, Stefan H.
(47) 23.10.2024	(33) Netherlands	SORENSEN, Christopher M.
(87) GB2022050029	(51) B67D 1/00	COVARRUBIAS-ZAMBRANO, Obdulia
14.07.2022	B67D 1/08	COVARRUBIAS, Jose
(22) 10.01.2022	B67D 7/02	(31) 202063131972 P
(54) TRANSPORTER APPARATUS	A47K 5/12	(32) 30.12.2020
(73) W & D McCulloch Ltd.	A47G 19/18	(33) United States of America
(72) MCCULLOCH, William	(11) EP3969407	(51) C01B 21/093
(31) 202100275	(21) EP20724840.2	B01D 1/22
(32) 08.01.2021	(47) 23.10.2024	C01B 21/08
(33) United Kingdom	(87) EP2020063231	B01D 3/34
(51) B66F 11/04	19.11.2020	H01M 10/0568
(11) EP3560887	(22) 12.05.2020	(11) EP3750849
(21) EP19170465.9	(54) PRODUCT DISPENSING SYSTEM AND	(21) EP20188643.9
(47) 23.10.2024	METHOD	(47) 23.10.2024
(22) 23.04.2019	(73) Nutritious Juices & Soups B.V.	(22) 27.05.2011
(54) WORK PLATFORM WITH EXTENSION	(72) VAN DIJK, Mathijs	(54) ALKALI METAL SALT OF
DECK AND WORK STEP	OOSTERHUIS, Arjan, Koen	FLUOROSULFONYL IMIDE
(73) CALIFORNIA MANUFACTURING AND	VAN DER VEEN, Bram	(73) Nippon Shokubai Co., Ltd.
ENGINEERING CO., LLC	WILLEMSSEN, Robert	(72) SATO, Yuichi
(72) CROOK, Gary	(31) 2023122	SATO, Shimpei
(31) 201916275854	(32) 13.05.2019	OKUMURA, Yasunori
201862663465 P	(33) Netherlands	(31) 2010196236
(32) 14.02.2019	(51) B81B 3/00	2010136382
27.04.2018	(11) EP4332053	2010123474
(33) United States of America	(21) EP23190295.8	(32) 01.09.2010
United States of America	(47) 23.10.2024	15.06.2010
(51) B67D 1/00	(22) 08.08.2023	28.05.2010
B67D 1/06	(54) ARRANGEMENT OF CARBON	(33) Japan
B67D 1/08	NANOTUBES AND A METHOD	Japan
B67D 1/12	FOR MANUFACTURING THE	Japan
B67D 1/16	ARRANGEMENT	(51) C01B 35/04
B67D 1/07	(73) Technische Universität Darmstadt	(11) EP3750851
(11) EP4086221	(72) Yilmazoglu, Oktay	(21) EP20155230.4
(21) EP22169272.6	Yadav, Sandeep	(47) 23.10.2024
(47) 23.10.2024	Schneider, Jörg	(22) 03.02.2020
(22) 21.04.2022	Al-Mafrachi, Yasaameen	(54) PREPARATION OF METAL DIBORIDE
(54) DRINK MAKING DEVICE	Preu, Sascha	AND POWDERS WITH A BORIDED
(73) Black & Decker, Inc.	(31) 102022121638	SURFACE
(72) SERGYEYENKO, Oleksiy P.	(32) 26.08.2022	(73) RTX Corporation
CROSS, Andrew	(33) Germany	(72) McGEE, Randolph Carlton
LANDIS, Thomas	(51) B82Y 15/00	(31) 201916268224
RHOADES, Randy L.	G01N 21/64	(32) 05.02.2019
BONE, Graham	G01N 33/48	(33) United States of America
LANGFORD, Daniel	C01B 32/182	(51) C01G 53/00
DAVIES, Mark Thomas	C01B 32/198	H01M 4/525
DOYLE, Michael C.	B82Y 30/00	H01M 4/505
TSCHOPP, Tylan A.	C12Q 1/00	H01M 10/052
BLACKWOOD, Aldon O.	(11) EP4271651	(11) EP4064391
(31) 202217715162	(21) EP21848463.2	(21) EP21747147.3
202163184495 P	(47) 23.10.2024	(47) 23.10.2024
(32) 07.04.2022	(87) US2021065573	(87) KR2021001219
05.05.2021	07.07.2022	05.08.2021
(33) United States of America	(22) 29.12.2021	(22) 29.01.2021
United States of America	(54) PRISTINE GRAPHENE BASED	(54) POSITIVE ELECTRODE ACTIVE
(51) B67D 1/00	BIOSENSOR FOR BIOMARKER	MATERIAL FOR LITHIUM SECONDARY
B67D 1/07	DETECTION AND RELATED	BATTERY AND METHOD OF
(11) EP4069626	CORE PARTICLES, MATERIALS	PREPARING THE SAME
(21) EP20821432.0	COMPOSITIONS METHODS AND	(73) LG Energy Solution, Ltd.
(47) 23.10.2024	SYSTEMS	(72) PARK, Sang Min
(87) NL2020050755	(73) Hawkeye Bio, Limited	LHO, Eun Sol
10.06.2021	The University of Kansas	PARK, Sung Bin
(22) 03.12.2020		KIM, Seul Ki

WANG, Wen Xiu	(22) 07.12.2018	(22) 08.12.2020
DO, Joong Yeop	(54) SALINITY GRADIENT/SOLAR ENERGY	(54) COPOLYMERS SUITABLE FOR
JUNG, Wang Mo	HYBRID POWER GENERATION	REDUCING THE FORMATION
(31) 20200011339	APPARATUS AND DESALINATION	OF MAGNESIUM HYDROXIDE
(32) 30.01.2020	SYSTEM USING SAME	CONTAINING SCALE
(33) Korea (Republic)	(73) Korea Institute of Energy Research	(73) Kurita Water Industries Ltd.
(51) C02F 1/02	(72) JEONG, Nam Jo	(72) WOLF, Florian
C02F 1/32	KIM, Han Ki	HATER, Wolfgang
E03C 1/04	HWANG, Kyo Sik	DISCI-ZAYED, Duygu
E03B 1/04	NAM, Joo Youn	LEANNEY, Deborah
E03C 1/044	YANG, Seung Cheol	STRATMANN, Anika
E03C 1/05	CHOI, Ji Yeon	(31) PCT/JP2019/048292
E03C 1/10	HAN, Ji Hyung	(32) 10.12.2019
F24D 17/00	JWA, Eun Jin	(33) World Intellectual Property Office (WIPO)
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(21) EP20739019.6	SEO, Yong Seog	C02F 1/68
(47) 23.10.2024	(31) 20180117111	C02F 1/66
(87) SE2020050016	20180090924	C02F 1/42
16.07.2020	20170169430	C02F 1/44
(22) 10.01.2020	(32) 01.10.2018	(11) EP3034474
(54) A METHOD FOR PERFORMING	03.08.2018	(21) EP15184679.7
A HOT WATER PASTEURIZATION	11.12.2017	(47) 23.10.2024
PROCEDURE IN A WATER	(33) Korea (Republic)	(22) 10.09.2015
DISTRIBUTION SYSTEM BEING A	Korea (Republic)	(54) APPARATUS AND METHOD FOR
WATER RECIRCULATING SYSTEM	Korea (Republic)	CONDITIONING AN AQUEOUS LIQUID
(73) Orbital Systems AB	(51) C02F 1/467	(73) BRITA SE
(72) MAHDJOUBI NAMIN, Amir Mehrdad	C25B 1/26	(72) Köhler, André
(31) 1950026	E04H 4/12	Weidner, Peter
(32) 11.01.2019	C02F 103/42	Floren, Simon
(33) Sweden	C25B 15/02	Conrad, Berthold
(51) C02F 1/38	(11) EP3704064	(51) C03B 9/16
B01D 21/00	(21) EP18815054.4	C03B 9/36
B01D 21/24	(47) 23.10.2024	F16B 7/20
B01D 21/26	(87) US2018058151	F16B 21/04
(11) EP4081486	09.05.2019	F16D 1/112
(21) EP21806618.1	(22) 30.10.2018	(11) EP3590895
(47) 23.10.2024	(54) CHLORINATION SYSTEMS	(21) EP19186677.1
(87) US2021025859	(73) Zodiac Pool Systems LLC	(47) 23.10.2024
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(54) CIRCULAR PARALLEL PLATE GRIT	HENG, Hwa	(73) Owens-Brockway Glass Container Inc.
REMOVER	(31) 201762580200 P	(72) SHUE, Larry N.
(73) Smith & Loveless Inc.	(32) 01.11.2017	(31) 46378809
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ZUZELSKI, Alexander, P.	C02F 1/66	(51) C03B 19/10
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(33) United States of America	(22) 25.11.2022	C21B 3/08
(51) C02F 1/44	(54) SOLUTION OF PEROXYACETIC ACID	C03C 6/10
F03G 7/00	AND HYDROGEN PEROXIDE FOR THE	C21B 3/06
H02S 10/10	DISINFECTION OF WASTEWATER	(11) EP4298066
H02S 40/42	FROM BIOLOGICAL PURIFIERS	(21) EP22712445.0
H02S 40/44	(73) Promox S.p.A.	(47) 23.10.2024
C12M 1/00	(72) MINOTTI, Gabriele	(87) IB2022051537
H02N 11/00	TENCONI, Mauro	01.09.2022
H02S 10/30	(31) 202100030128	(22) 22.02.2022
C02F 103/08	(32) 29.11.2021	(54) PROCESS FOR PROCESSING A NON-
C02F 1/14	(33) Italy	METALLIC MELT
C02F 1/469	(51) C02F 5/10	(73) Radmat AG
F03G 6/00	C02F 103/08	(72) EDLINGER, Alfred
H01L 31/048	C02F 103/18	(31) 392021
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NIELSEN, Nils Christian	(21) EP20158756.5	(72) BLANCHARD, Benjamin
TROMMER, Martin	(47) 23.10.2024	CHUDA, Katarzyna
(31) 15201089	(22) 21.02.2020	(31) 1152636
(32) 18.12.2015	(54) ENAMEL COMPOSITION, METHOD FOR PREPARING ENAMEL COMPOSITION, AND COOKING APPLIANCE	(32) 30.03.2011
(33) European Patent Office (EPO)	(73) LG Electronics Inc.	(33) France
(51) C03B 27/04	(72) GWOO, Dong Gun	(51) C04B 7/47
C03C 17/32	KIM, Jongon	C04B 7/36
C03C 17/38	KIM, Young Seok	C21B 3/08
C03C 17/42	(31) 20190021143	F28D 21/00
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C03C 23/00	(33) Korea (Republic)	(11) EP4313899
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(22) 14.09.2017	(87) EP2019068176	(54) METHOD FOR THE COOLING AND HEAT RECOVERY FROM MATERIALS AT VERY HIGH TEMPERATURE
(54) PROCESS OF MANUFACTURING A TEMPERED GLASS SUBSTRATE WITH REDUCED IRIDESCENCE	09.01.2020	(73) Cicsa S.r.l.
(73) SAINT-GOBAIN GLASS FRANCE	(22) 05.07.2019	(72) CAMPANARI, Stefano
(72) KAMINSKI, Guillaume	(54) SUBSTRATE FOR A REFLECTIVE OPTICAL ELEMENT	CAMPANARI, Marco
GUIRAUD, François	(73) Carl Zeiss SMT GmbH	(31) 202100007661
DECOURCELLE, Romain	(72) EVA, Eric	(32) 29.03.2021
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C03B 40/00	C03C 3/064	C08K 3/26
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(73) Gerresheimer Glass Inc.	(47) 23.10.2024	(22) 05.06.2018
(72) SCARDINO, Dean	(22) 21.02.2020	(54) JOINT COMPOUND WITH SULFONATED STARCH
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(33) United States of America	KIM, Young Seok	ROSENTHAL, Guy L.
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(22) 19.08.2021	C03C 25/54	United States of America
(54) METHOD FOR DRAWING OPTICAL FIBER GLASS PREFORM	C03C 25/10	(51) C04B 30/00
(73) Shin-Etsu Chemical Co., Ltd.	D06M 13/00	C04B 28/18
(72) MITTA, Ryo		C04B 28/24
		C09K 17/00

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(73) ETH Zürich	OBTURATED CHANNELS	C07C 51/377
(72) LANDROU, Gnanli	(73) Eurenco France SAS	C07C 67/31
BRUMAUD, Coralie	(72) CUVELIER, Sébastien	(11) EP4279477
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C04B 33/135	C07C 55/02	(54) METHOD FOR PREPARING GLYCOLIC
C04B 33/132	(11) EP3765435	ACID AND METHYL GLYCOLATE
C04B 33/20	(21) EP19709743.9	THROUGH HYDROLYSIS OF
C04B 33/24	(47) 23.10.2024	METHYL METHOXYACETATE AND
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(32) 15.10.2018	C08K 5/16	HETEROGENEOUS CATALYST
(33) European Patent Office (EPO)	C09D 5/32	(73) Rohm and Haas Company
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C23C 16/54	A61K 8/41	LIMBACH, Kirk W..
C23C 16/32	C07C 229/34	HERRON, Jeffrey
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28.01.2021	(54) IRE1 SMALL MOLECULE INHIBITORS	Michigan
(22) 20.07.2020	(73) Cornell University	The Regents of the University of
(54) NOVEL COMPOUND AND	(72) VACCA, Joseph P.	California
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(51) C07C 319/20	(73) OM Pharma SA	NICOTINE
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(72) VAKALOPOULOS, Alexandros	GOLDSMITH, Erica	C09K 11/06
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WEBSTER, Robert, Alan	C07D 491/107	COMPOUND HAVING BENZOAZOLE
SCHMECK, Carsten	A61K 31/506	RING STRUCTURE
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A61P 31/12	(72) SPARKS, Richard B.	LEE, Se-Jin
A61P 13/12	SHEPARD, Stacey	PARK, Seok-Bae
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(73) Audiocure Pharma GmbH	(73) CALIFORNIA INSTITUTE OF TECHNOLOGY	KATSUMURA Masato
(72) ROMMELSPACHER, Hans	1200 Pharma LLC	IMAMINE Takahito
ZYGMUNT, Tomasz	The Regents of the University of California	TSUJINO Masahiko
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(73) Bayer Aktiengesellschaft	(51) C07D 515/20	(72) ZHAO, Jun
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(73) Dow Global Technologies LLC	21155929	KRÜGER, Christian
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CONDUCTIVITY	(72) WEDER, Christoph	l'Environnement
(73) Dow Global Technologies Llc	SHIOLE, Anuja	Centre National de la Recherche
(72) DE VOS, Hans	PEROTTO, Carlo	Scientifique
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(51) C08G 69/36	YAMASHITA, Takahiro	C08J 9/232
(11) EP3622007	TATEKAWA, Takahisa	B29C 44/34
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(73) AdvanSix Resins & Chemicals LLC	C08F 2/01	(73) JSP Corporation
(72) LIU, Haoyu	(11) EP3819330	(72) CHIBA, Takuya
FACINELLI, John V.	(21) EP19908136.5	(31) 2022122161
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C08J 3/16	(73) LG Chem, Ltd.	(21) EP19866572.1
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(22) 01.07.2019	SHIN, Kwangin	(73) Sekisui Kasei Co., Ltd.
(54) SPHERICAL POLYMETHYLSILSESQUIOXANE PARTICLES	HAN, Chang Hun	(72) TAZUMI, Kohei
(73) Tokuyama Corporation	(31) 20190001977	KAGEYAMA, Daichi
(72) IWATA Toru	(32) 07.01.2019	ANDO, Mayumi
CHIKASHIGE Yohei	(33) Korea (Republic)	(31) 2019141409
KOMATSUBARA Tadaharu	(51) C08J 5/18	2019067036
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(21) EP19715540.1	REDUCING SHRINKAGE OF	(21) EP21816471.3
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BUTYRAL (PVB)	ANKER, Martin	BIOCOMPOSITE FOR 3D PRINTING IN
(73) Institut National Polytechnique de	(51) C08K 5/134	A PROCESS FOR THE PREPARATION
Toulouse	C08K 5/3435	OF ORGAN OR TISSUE MODELS
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TROMPETTE, Jean-Luc	A01G 9/14	(72) ROGGERI, Riccardo
DELMAS, Michel	A01G 13/02	(31) 202000029297
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C08L 23/08	(22) 01.05.2020	C08J 5/12
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SHAH, Andrew B.	C08L 69/00	MATERIAL
LIM, Chongsoo	C08L 67/02	(73) Sea6 Technologies Europe B.V.
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(54) DYNAMIC SHAFT SEAL	(72) CHOI, Ki Hong	(54) FLAME-RETARDANT POLYMERIC
(73) Carl Freudenberg KG	YANG, Sung Woo	COMPOSITIONS
(72) MENZEL, Jasmin	HA, Dong In	(73) Dow Global Technologies LLC
TRABER, Boris	KANG, Tae Gon	(72) LIM, Chongsoo
ADLER, Matthias	SHIN, Dong Yeop	SHAH, Andrew B.
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(72) PARK, Chan Moo	C09D 5/16	(73) Hewlett-Packard Development Company, L.P.
KANG, Mi Sung	C09D 7/40	(72) MAROM TCHACHEEYAN, Hanit
KIM, Yang Il	C09D 7/61	TEISHEV, Albert
SEO, Yeong Deuk	C09D 7/62	MANN, Adi
LEE, Min Soo	C09D 7/80	MIZRAHI, Orel Yosef
LEE, Sang Hwa	B82Y 30/00	GUROVICH, Doron
LEE, Bong Jae	B82Y 40/00	KAPLOUN, Vladislav
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(21) EP21769008.0	C08K 5/00	(73) University of South Africa
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CONTAINERS	(87) JP2021011948	(51) C10G 1/00
(73) JFE Steel Corporation	30.09.2021	C10G 1/10
(72) KAWAI Yuya	(22) 23.03.2021	(11) EP3875565
KITAGAWA Junichi	(54) ADHESIVE COMPOSITION, ADHESIVE	(21) EP19879913.2
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C08G 77/50	(31) 2020057380	METHOD FOR MICROWAVE HIGH-
C08J 7/04	(32) 27.03.2020	TEMPERATURE PYROLYSIS OF SOLID
C08J 5/18	(33) Japan	MATERIAL COMPRISING ORGANIC
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(21) EP18809179.7	C08G 65/336	(73) China Petroleum & Chemical Corporation
(47) 23.10.2024	(11) EP4198100	Beijing Research Institute of Chemical
(87) KR2018006220	(21) EP22213378.7	Industry, China Petroleum & Chemical
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AND COATING FILM COMPRISING	COMPOSITION FORMING A	ZHANG, Xiaohong
CURED PRODUCT THEREOF AS	TEMPERATURE-STABLE ADHESIVE	LIU, Wenlu
COATING LAYER	JOINT	GAO, Jianming
(73) Kolon Industries, Inc.	(73) Bostik SA	QI, Guicun
(72) AHN, Sang Hyun	(72) GARNIER, Claire	SONG, Zhihai
LEE, Dong Hee	DEAK, Darius	LAI, Jinmei
YANG, Pil Rye	(31) 2114001	CAI, Chuanlun
BAEK, Seong Hoon	(32) 20.12.2021	LI, Binghai
KIM, Hang Geun	(33) France	WANG, Xiang
AN, Byung Joon	(51) C09J 189/00	RU, Yue
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Korea (Republic)	(87) EP2022054449	(31) 201811264431
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C09K 3/14	(54) ADHESIVE COMPOSITIONS	(51) C10M 107/10
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(21) EP17890029.6	ADHESIVES, AND THEIR USE FOR	(21) EP21704992.3
(47) 23.10.2024	MANUFACTURING WOOD-BASED	(47) 23.10.2024
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POLISHING SILICON CARBIDE	LÓPEZ-SUEVOS FRAGUELA, Francisco	LUBRICANT COMPOSITIONS FOR
(73) CMC Materials LLC	VIZ RODRÍGUEZ, Felipe	SUPERIOR FUEL ECONOMY
(72) IVANOV, Roman	(31) 21382148	(73) ExxonMobil Technology and Engineering
HUNG LOW, Fernando	(32) 23.02.2021	Company
KO, Cheng-Yuan	(33) European Patent Office (EPO)	(72) JUNUZOVIC, Haris
WHITENER, Glenn	(51) C09K 5/10	DECKMAN, Douglas, E.
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C08F 8/14	(22) 15.06.2020	C10M 161/00
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C08K 5/55	2020015345	(21) EP21180102.2
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C10N 20/04	Japan	CLEANING COMPOSITION
C10N 30/02	(51) C11B 1/02	(73) The Procter & Gamble Company
C10N 30/00	C11B 1/10	(72) BILLIAUW, Jan Julien Marie-Louise
C10N 70/00	A23K 10/12	VANOVERSTRAETE, Bjorn
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Scientifique	(73) Evonik Operations GmbH	COMPOSITION
Ecole Supérieure de Physique et de	DSM IP Assets B.V.	(73) HEIQ CHRISAL NV
Chimie Industrielles de la Ville de Paris	(72) HEINING, Martin	(72) GIELEN, Corrie
(72) DEROUINEAU, Thibault	HEINING, Annika	TEMMERMAN, Robin
BRIAND, Fanny	(31) 18172317	(51) C11D 3/37
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C10N 30/12	(11) EP4330362	(72) SAVEYN, Pieter Jan Maria
C10N 30/18	(21) EP22725410.9	SIVIK, Mark Robert
C10N 30/00	(47) 23.10.2024	VAN HECKE, Evelynne Johanna Lutgarde
C10N 40/20	(87) EP2022060823	(51) C11D 3/43
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(54) METHOD FOR REMOVING	Institut National des Sciences Appliquées	ROMANSKI, Andrzej
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CONTAINING SUBSTANCE	(72) COUVRAT, Mathieu	SIKORA, Teodora
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(72) NAKASE Kenji	PAREIGE, Cristelle	(32) 27.07.2015
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B09B 3/00	(21) EP19185262.3	C21D 1/26
B09B 5/00	(47) 23.10.2024	C21D 8/02
C22B 1/02	(22) 09.07.2019	C21D 9/46
C22B 3/06	(54) METHOD OF FORMING AN ABRASIVE	C22C 38/02
C22B 3/32	NICKEL-BASED ALLOY ON A TURBINE	C22C 38/04
C22B 3/38	BLADE TIP	C22C 38/06
C22B 3/44	(73) Honeywell International Inc.	C22C 38/42
C22B 15/00	(72) MITTENDORF, Don	C22C 38/44
C22B 21/00	TOLPYGO, Vladimir K.	C22C 38/46
C22B 23/00	(31) 201816126222	C22C 38/48
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(54) LITHIUM ION BATTERY SCRAP	C22C 26/00	(54) STEEL MATERIAL, OIL-WELL STEEL
TREATMENT METHOD	C22C 29/02	PIPE OR GAS WELL STEEL PIPE
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(72) ARAKAWA, Junichi	(21) EP19862667.3	(72) ARAI, Yuji
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(32) 26.01.2018	(33) Korea (Republic)	AND DEVICE AND HYDROGEN
(33) China	Korea (Republic)	FILLING STATION COMPRISING SUCH
(51) C23C 14/08	(51) C25B 1/04	AN APPARATUS
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(33) Japan	(73) Paris Sciences et Lettres	A SAFE MANNER WITH REGARD TO
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C23C 14/22	SORBONNE UNIVERSITE	(72) SCHÖLER, Michael
C23C 14/50	(72) FONTECAVE, Marc	VOGEL, Lorentz
(11) EP3110985	MOUGEL, Victor	VIEHMANN, Karsten
(21) EP14896778.9	TRAN, Ngoc Huan	BAUMECKER, Tomas

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(32) 16.09.2021	ENCAPSULATION	C08J 5/04
(33) Germany	(73) Saurer Intelligent Technology AG	B29B 15/12
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(51) E21B 44/04 E21B 44/06 E21B 7/02 (11) EP4251851 (21) EP21805679.4 (47) 23.10.2024 (87) SE2021051089 02.06.2022 (22) 01.11.2021 (54) ARRANGEMENT OF CONTROLLING DRILLING PARAMETERS DURING EXTRACTION OF A DRILL STRING (73) Epiroc Rock Drills Aktiebolag (72) MÖRTZELL, Gustav OLSSON, Magnus (31) 2051380 (32) 27.11.2020 (33) Sweden	(51) E21D 21/00 (11) EP4295015 (21) EP22707242.8 (47) 23.10.2024 (87) IB2022051454 25.08.2022 (22) 18.02.2022 (54) A ROCK BOLT ASSEMBLY HAVING AN INDICATOR (73) Rocbolt Technologies (Pty) Ltd. (72) BELLINGHAM, Werner Cornelius (31) 202101128 (32) 19.02.2021 (33) South Africa	(51) F01C 19/12 F01C 20/02 F01C 1/22 F01C 21/10 F01C 21/06 F01C 11/00 (11) EP3390779 (21) EP16874184.1 (47) 23.10.2024 (87) CA2016050935 22.06.2017 (22) 10.08.2016 (54) ROTARY ENGINE CASING (73) Pratt & Whitney Canada Corp. (72) VILLENEUVE, Bruno GAUVREAU, Jean-Gabriel (31) 201514974489 (32) 18.12.2015 (33) United States of America
(51) E21B 47/13 E21B 47/12 (11) EP3532705 (21) EP17792141.8 (47) 23.10.2024 (87) GB2017053211 03.05.2018 (22) 25.10.2017 (54) COMMUNICATION SYSTEMS AND METHODS (73) Expro North Sea Limited (72) ROGACHEVA, Alexandra Vasil'evna CHAMPION, Brian Phillip (31) 201617956 (32) 25.10.2016 (33) United Kingdom	(51) F01B 3/00 F01B 3/04 F01B 9/06 F02B 75/28 (11) EP4004342 (21) EP20763978.2 (47) 23.10.2024 (87) BG2020000030 04.02.2021 (22) 23.07.2020 (54) CAM MACHINE WITH ADJUSTMENT MECHANISM (73) Bahnev, Boyan Kirilov (72) Bahnev, Boyan Kirilov (31) 11297219 (32) 26.07.2019 (33) Bulgaria	(51) F01D 5/04 F01D 9/02 F01K 21/04 F01K 23/06 F01N 5/02 F02B 37/00 F02B 37/02 F02C 3/30 F02G 5/02 F02G 5/04 (11) EP3635222 (21) EP18722146.0 (47) 23.10.2024 (87) GB2018051067 01.11.2018 (22) 24.04.2018 (54) TURBINE FOR USE WITH AT LEAST TWO WORKING FLUIDS (73) Hieta Technologies Limited (72) COPELAND, Colin Douglas CEEN, Robert JONES, Simon Lloyd JONES, Andrew Robert (31) 201706431 (32) 24.04.2017 (33) United Kingdom
(51) E21C 27/24 E21D 9/10 (11) EP4004340 (21) EP19748803.4 (47) 23.10.2024 (87) EP2019070578 04.02.2021 (22) 31.07.2019 (54) CUTTING APPARATUS (73) Sandvik Mining and Construction G.m.b.H. (72) GIMPEL, Martin KARGL, Hubert EBNER, Bernhard STABER, Guenther	(51) F04C 2/08 F04C 2/12 F04C 15/00 F04C 2/16 F01C 1/12 F01C 1/16 (11) EP2914812 (21) EP13785846.0 (47) 23.10.2024 (87) EP2013072693 08.05.2014 (22) 30.10.2013 (54) ROTARY PISTON PUMP HAVING DIRECT DRIVE (73) Hugo Vogelsang Maschinenbau GmbH (72) KRAMPE, Paul VOGELSANG, Hugo (31) 202012010401 U (32) 31.10.2012 (33) Germany	(51) F01D 5/18 (11) EP3412866 (21) EP17174863.5 (47) 23.10.2024 (22) 07.06.2017 (54) COOLED GAS TURBINE BLADE (73) Ansaldo Energia Switzerland AG (72) NAIK, Shailendra
(51) E21D 9/00 E21D 9/06 B23Q 17/09 (11) EP4288637 (21) EP22722817.8 (47) 23.10.2024 (87) EP2022060017 03.11.2022 (22) 14.04.2022 (54) CUTTING WHEEL FOR A TUNNEL BORING MACHINE (73) HERRENKNECHT AKTIENGESELLSCHAFT	(51) F01C 19/00 F04C 18/02 F04C 25/02 F04C 27/00 (11) EP4174285 (21) EP22216217.4 (47) 23.10.2024 (22) 22.12.2022 (54) SCROLL VACUUM PUMP (73) Pfeiffer Vacuum Technology AG (72) BECKER, Jonas	(51) F01D 5/20 F01D 5/22 (11) EP4259904 (21) EP20830453.5 (47) 23.10.2024 (87) US2020063760 16.06.2022 (22) 08.12.2020 (54) METHODS OF FORMING OR REPAIRING PART WITH OVERHUNG

SECTION, AND RELATED	(32) 18.06.2021	(33) United Kingdom
TURBOMACHINE PART	(33) United States of America	(51) F01N 11/00
(73) General Electric Technology GmbH	(51) F01D 17/16	F01N 3/10
(72) NEVILLE, Jason	F01D 25/24	(11) EP3980631
WOOLRIDGE, Jillian, Jamison	F04D 19/02	(21) EP20732511.9
SALM, Jacob, Andrew	F04D 29/52	(47) 23.10.2024
HART, Kassy, Moy	F04D 29/54	(87) EP2020065331
(51) F01D 5/20	F04D 29/56	10.12.2020
F01D 11/12	F04D 29/64	(22) 03.06.2020
F01D 5/22	(11) EP4288639	(54) METHOD FOR ASCERTAINING THE
(11) EP4281652	(21) EP22706649.5	NITROGEN OXIDE FRACTION AND/
(21) EP22705421.0	(47) 23.10.2024	OR AMMONIA FRACTION IN THE
(47) 23.10.2024	(87) FR2022050202	EXHAUST GAS OF AN INTERNAL
(87) FR2022050095	11.08.2022	COMBUSTION ENGINE, AND
28.07.2022	(22) 02.02.2022	EXHAUST SECTION
(22) 18.01.2022	(54) INNER BLADE SUPPORT RING OF	(73) Vitesco Technologies GmbH
(54) TURBINE ROTOR FOR A	A TURBOMACHINE COMPRESSOR	(72) RODATZ, Paul
TURBOMACHINE	RECTIFIER	HAFT, Gerhard
(73) SAFRAN AIRCRAFT ENGINES	(73) SAFRAN AIRCRAFT ENGINES	ACHLEITNER, Erwin
(72) GIRARDEAU, Julian Nicolas	(72) CORNEC, Nicolas Gérard Bénito	KLEINER, Florian
SILET, Benoit Guillaume	(31) 2101113	(31) 102019208254
(31) 2100570	(32) 05.02.2021	(32) 06.06.2019
(32) 21.01.2021	(33) France	(33) Germany
(33) France	(51) F01K 23/10	(51) F01N 13/08
(51) F01D 9/04	F02C 3/34	F01N 13/18
F01D 11/00	(11) EP4166764	F02M 35/10
(11) EP4208626	(21) EP21846784.3	(11) EP3612724
(21) EP21770057.4	(47) 23.10.2024	(21) EP18711834.4
(47) 23.10.2024	(87) JP2021027085	(47) 23.10.2024
(87) FR2021051489	27.01.2022	(87) EP2018054938
10.03.2022	(22) 20.07.2021	29.11.2018
(22) 26.08.2021	(54) GAS TURBINE PLANT	(22) 28.02.2018
(54) TURBINE OF A TURBOMACHINE	(73) Mitsubishi Heavy Industries, Ltd.	(54) A COMPONENT HAVING A FLANGE
COMPRISING WEAR LINERS FOR	(72) UECHI Hideyuki	CONNECTION ELEMENT
THERMAL PROTECTION	SONODA Takashi	(73) Liebherr-Components Colmar SAS
(73) SAFRAN AIRCRAFT ENGINES	TSUJII Kazunori	(72) WINKELMULLER, Hugues
(72) BOISNAULT, Franck Davy	NAGAFUCHI Naoyuki	BROCKHOFF, Flavie
LUNEAU, Florent Pierre Antoine	(31) 2020123749	(31) 102017111472
THOMAS, Axel Sylvain Loïc	(32) 20.07.2020	(32) 24.05.2017
(31) 2009012	(33) Japan	(33) Germany
(32) 04.09.2020	(51) F01L 1/18	(51) F02B 75/32
(33) France	F01L 13/00	F02B 75/04
(51) F01D 9/06	F01L 1/20	F16C 7/06
F01D 11/00	(11) EP3892831	F01B 9/02
(11) EP4019742	(21) EP21175639.0	F02B 41/04
(21) EP20425060.9	(47) 23.10.2024	(11) EP3704367
(47) 23.10.2024	(22) 30.07.2018	(21) EP18743979.9
(22) 23.12.2020	(54) POWER TRANSMISSION DEVICE FOR	(47) 23.10.2024
(54) A SEALING ASSEMBLY FOR A VANE	VARIABLY CONTROLLING VALVE	(87) JO2018050002
SET OF A GAS TURBINE ENGINE AND	(73) MAN Truck & Bus SE	02.08.2018
GAS TURBINE ENGINE COMPRISING	(72) Bogdanski, Peter	(22) 22.01.2018
SUCH A SEALING ASSEMBLY	(31) 102017118852	(54) TRANSMISSION ASSEMBLY FOR AN
(73) ANSALDO ENERGIA S.p.A.	(32) 18.08.2017	ENGINE
(72) Bavassano, Francesco	(33) Germany	(73) JAZARI POWERTRAIN MOTOR
Tappani, Marco	(51) F01N 3/20	TEKNOLOJILERI ANONIM SIRKETI
(51) F01D 11/08	F01N 9/00	(72) ABAZID, Mohammad
F01D 25/24	(11) EP4249735	(31) 201762449613 P
(11) EP4105448	(21) EP23163442.9	(32) 24.01.2017
(21) EP22169267.6	(47) 23.10.2024	(33) United States of America
(47) 23.10.2024	(22) 22.03.2023	(51) F02C 1/10
(22) 21.04.2022	(54) AFTERTREATMENT CONTROL	F04B 9/02
(54) TURBINE SHROUD ASSEMBLY WITH	SYSTEM AND METHOD	F01K 27/02
SEPARABLE PIN ATTACHMENT	(73) Jaguar Land Rover Limited	F04B 23/02
(73) Rolls-Royce Corporation	(72) Maugham, Robin	(11) EP4077938
(72) FREEMAN, Ted J.	Jennings, James	(21) EP20812138.4
SIPPEL, Aaron D.	(31) 202204099	(47) 23.10.2024
THOMAS, David J.	(32) 23.03.2022	(87) IB2020060750
(31) 202117351741		24.06.2021

(22) 16.11.2020	F02M 21/04	(11) EP3973165
(54) DEVICE FOR EXPANDING A FLUID	F02D 41/14	(21) EP20731708.2
(73) ATLAS COPCO AIRPOWER, naamloze vennootschap	F02D 41/18	(47) 23.10.2024
(72) HEIRMAN, Peter	(11) EP2615278	(87) US2020033714
FABRY, Erik	(21) EP12005835.9	26.11.2020
GOETHALS, Anton	(47) 23.10.2024	(22) 20.05.2020
ÖHMAN, Henrik	(22) 11.08.2012	(54) ENGINE APPARATUS AND METHOD FOR OPERATION
RUBYCZ, Rasmus	(54) Metering device with a gas mixer and method for controlling gas mixture formation	(73) Hyllion Holdings Corp.
(31) 201905919	(73) MAN Truck & Bus SE	(72) VANDEVOORDE, Kevin Michael
(32) 17.12.2019	(72) Prümm, Werner	MOOK, Joshua Tyler
(33) Belgium	Steinert, Ralf	AKWARA, Aigbedion
(51) F02C 3/14	(31) 102012000567	NOTARNICOLA, Michael Robert
F01D 9/02	(32) 16.01.2012	BELLARDI, Jason Joseph
(11) EP3620629	(33) Germany	THOMPSON, Mary Kathryn
(21) EP19176187.3	(51) F02D 41/00	GANSLER, Michael Thomas
(47) 23.10.2024	F02D 41/18	SENNOUN, Mohammed El Hacin
(22) 23.05.2019	F02D 41/22	WAUN, Scott Douglas
(54) GAS TURBINE ENGINE	(11) EP4166776	(31) 201962850701 P
(73) General Electric Company	(21) EP22200736.1	201962850692 P
(72) SILKOWSKI, Peter	(47) 23.10.2024	201962850678 P
(31) 201916295542	(22) 11.10.2022	201962850623 P
201862675284 P	(54) METHOD FOR DIAGNOSING THE PLAUSIBILITY OF AN AIR FLOW SENSOR IN AN INTERNAL COMBUSTION ENGINE	201962850599 P
(32) 07.03.2019	(73) NEW H POWERTRAIN HOLDING, S.L.U.	201916417764
23.05.2018	(72) DAMANCE, HUGO	(32) 21.05.2019
(33) United States of America	LEFEVRE, CEDRIC	21.05.2019
United States of America	PEREIRA, LUC	21.05.2019
(51) F02C 6/08	(31) 2110899	21.05.2019
F01D 25/16	(32) 14.10.2021	21.05.2019
F02C 7/18	(33) France	21.05.2019
F02K 3/06	(51) F02D 41/14	(33) United States of America
F02K 3/115	G01N 15/06	United States of America
F01D 17/14	(11) EP3880951	United States of America
F01D 9/06	(21) EP19800956.5	United States of America
(11) EP3569841	(47) 23.10.2024	United States of America
(21) EP19173765.9	(87) EP2019079961	United States of America
(47) 23.10.2024	22.05.2020	United States of America
(22) 10.05.2019	(22) 01.11.2019	United States of America
(54) INTERCOOLED COOLING AIR WITH HEAT EXCHANGER PACKAGING	(54) SOOT SENSOR ARRANGEMENT	(51) F02K 1/12
(73) RTX Corporation	(73) Delphi Technologies IP Limited	F02K 1/36
(72) SUCIU, Gabriel L.	(72) WAN, Kin Beng	F02K 1/46
CHANDLER, Jesse M.	(31) 10201810190X	(11) EP4198292
MERRY, Brian D.	(32) 15.11.2018	(21) EP22214736.5
SNAPE, Nathan	(33) Singapore	(47) 23.10.2024
(31) 201815978517	(51) F02D 41/38	(22) 19.12.2022
(32) 14.05.2018	F02D 41/40	(54) VARIABLE AREA NOZZLE ASSEMBLY AND METHOD FOR OPERATING SAME
(33) United States of America	F02D 41/14	(73) Rohr, Inc.
(51) F02C 7/275	(11) EP4144978	(72) GORMLEY, Timothy
F02C 7/277	(21) EP20933692.4	(31) 202117554874
F02C 7/32	(47) 23.10.2024	(32) 17.12.2021
F02C 7/36	(87) JP2020018117	(33) United States of America
F02C 3/113	04.11.2021	(51) F02M 21/02
(11) EP3693578	(22) 28.04.2020	F02M 21/06
(21) EP20155952.3	(54) FUEL INJECTION CONTROL METHOD AND DEVICE FOR INTERNAL COMBUSTION ENGINE	F01N 5/02
(47) 23.10.2024	(73) NISSAN MOTOR CO., LTD.	(11) EP4202201
(22) 06.02.2020	(72) KOKUBU, Toshiyuki	(21) EP22210712.0
(54) HYBRID ELECTRIC DUAL SPOOL POWER EXTRACTION GEARBOX	HARA, Kazuyuki	(47) 23.10.2024
(73) RTX Corporation	KAWASAKI, Takao	(22) 01.12.2022
(72) LEQUE, Nicholas D.	(51) F02G 1/055	(54) SYSTEMS FOR METHANOL VAPORIZATION
POLLY, Joseph H.	F02G 1/043	(73) Caterpillar, Inc.
(31) 201962801722 P	F02G 1/044	(72) SVENSSON, Kenth
(32) 06.02.2019		ANDERS, Jonathan
(33) United States of America		KAVURI, Chaitanya
(51) F02D 41/00		(31) 202117559288
F02D 19/02		(32) 22.12.2021
F02M 21/02		(33) United States of America
		(51) F02M 26/11
		F02M 26/18

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F02M 35/10	(54) STRADDLED VEHICLE	F28F 21/06
(11) EP3771816	(73) YAMAHA HATSUDOKI KABUSHIKI	(11) EP3647590
(21) EP20187100.1	KAISHA	(21) EP19155808.9
(47) 23.10.2024	(72) KITAMURA, Eigo	(47) 23.10.2024
(22) 22.07.2020	ARAKI, Kazuya	(22) 06.02.2019
(54) ENGINE INTAKE SYSTEM, AND	(31) 2019122002	(54) SYSTEM OF DOUBLE CONCENTRIC
ENGINE	(32) 28.06.2019	PIPES HAVING DIFFERENT ENTHALPY
(73) MAZDA MOTOR CORPORATION	(33) Japan	(73) R. Neto S.A.
(72) ODA, Yusuke	(51) F02P 9/00	(72) DE CUNHA MALUF, Marco Aurelio
WATANABE, Tomomi	F02P 3/01	(31) P180103149
SASAKI, Junsou	F02P 3/05	(32) 30.10.2018
TANAKA, Yuichiro	F02P 3/08	(33) Argentina
YAMADA, Takuya	F02P 15/08	(51) F04B 13/02
(31) 2019142057	F02P 17/02	F04B 23/02
(32) 01.08.2019	F02P 11/06	(11) EP4127475
(33) Japan	(11) EP3775528	(21) EP21721674.6
(51) F02M 35/10	(21) EP19715344.8	(47) 23.10.2024
F02M 35/022	(47) 23.10.2024	(87) US2021025132
B01D 45/00	(87) US2019023204	07.10.2021
F02M 35/16	03.10.2019	(22) 31.03.2021
(11) EP3702606	(22) 20.03.2019	(54) ELECTRICALLY OPERATED PUMP
(21) EP19160110.3	(54) CURRENT PROFILE OPTIMIZATION OF	FOR A PLURAL COMPONENT SPRAY
(47) 23.10.2024	AN IGNITION SYSTEM	SYSTEM
(22) 28.02.2019	(73) Woodward, Inc.	(73) Graco Minnesota Inc.
(54) AN AIR INTAKE DEVICE FOR A	(72) PETRUSKA, David, C.	(72) THEISEN, Matthew, R.
VEHICLE	VENKATARAMANAN, Sai	GRAF, Arthur, T.
(73) Ningbo Geely Automobile Research &	NAIR, Suraj	COLBY, Bryan, K.
Development Co., Ltd.	NOTARFRANCESCO, Mark	ERICSON, Andrew, J.
(72) KARLSSON, Anders	WEGNER, Monte	STUDT, Nicholas, K.
(51) F02M 47/02	VLIETSTRA, Andy	BECKMANN, Erich, W.
F02M 63/00	(31) 201815940366	(31) 202063002685 P
(11) EP4088017	(32) 29.03.2018	(32) 31.03.2020
(21) EP20823858.4	(33) United States of America	(33) United States of America
(47) 23.10.2024	(51) F03D 7/00	(51) F04B 35/06
(87) EP2020086458	F03D 17/00	F04B 39/12
15.07.2021	(11) EP4206460	F04B 39/14
(22) 16.12.2020	(21) EP20956085.3	F04B 49/12
(54) ELECTROMAGNETIC ACTUATOR	(47) 23.10.2024	F04B 49/16
(73) PHINIA Delphi Luxembourg SARL	(87) CN2020135602	(11) EP4206467
(72) TAPIN, Christophe	07.04.2022	(21) EP22150216.4
VIT, Romain	(22) 11.12.2020	(47) 23.10.2024
THIBAUT, Thierry	(54) WIND TURBINE PLANT AND POWER	(22) 04.01.2022
(31) 2000185	CONTROL METHOD AND DEVICE	(54) COMPRESSOR DEVICE FOR
(32) 09.01.2020	THEREOF	PROVIDING COMPRESSED AIR TO A
(33) France	(73) Goldwind Science & Technology Co., Ltd.	MEDICAL DEVICE
(51) F02M 57/00	(72) LIU, Zhongpeng	(73) Air Liquide Medical Systems S.r.l.
(11) EP3791058	(31) 202011058738	(72) RUOCCO, Alessandra
(21) EP19722099.9	(32) 30.09.2020	SANDONI, Giuseppe
(47) 23.10.2024	(33) China	ALBERICI, Luca
(87) EP2019061380	(51) F03D 7/06	(51) F04B 37/14
14.11.2019	F03D 3/06	F04B 53/20
(22) 03.05.2019	(11) EP3645868	(11) EP3803121
(54) METHOD OF IDENTIFYING FAULTS	(21) EP17746540.8	(21) EP19730442.1
IN THE OPERATION OF HYDRAULIC	(47) 23.10.2024	(47) 23.10.2024
FUEL INJECTORS HAVING	(87) IB2017053972	(87) GB2019051460
ACCELEROMETERS	03.01.2019	05.12.2019
(73) PHINIA Delphi Luxembourg SARL	(22) 30.06.2017	(22) 29.05.2019
(72) NILSSON, Andreas	(54) VERTICAL WIND TURBINE WITH	(54) FORELINE FOR A VACUUM PUMP
WILLIAMS, Edward, T.	REGULATED TIP-SPEED RATIO	(73) Edwards Limited
(31) 201807460	BEHAVIOR, KIT FOR SAME, AND	(72) CONDON, Neil
(32) 08.05.2018	METHOD FOR OPERATING SAME	DAMS, Gregory Martin
(33) United Kingdom	(73) Agile Wind Power AG	MILNER, Paul
(51) F02M 61/14	(72) HUG, Thomas Hans	FIELDS, Matthew Stephen
F02M 69/04	ORAM, Christian	KAROULAS, Konstantinos
(11) EP3757382	(51) F03G 7/04	(31) 201808954
(21) EP20182575.9	F24T 10/17	(32) 31.05.2018
(47) 23.10.2024	F28D 7/10	(33) United Kingdom

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(11) EP4055273	(47) 23.10.2024	(11) EP3165770
(21) EP20811727.5	(22) 27.01.2017	(21) EP16204340.0
(47) 23.10.2024	(54) TWIST-LOCK, BOLTLESS FIXED SCROLL-TO-FRAME JOINT	(47) 23.10.2024
(87) IB2020060162 14.05.2021	(73) Trane International Inc.	(22) 26.03.2010
(22) 29.10.2020	(72) CRUM, Daniel R	(54) COMPRESSOR WITH A BYPASS PORT
(54) METHOD FOR MANAGING A COMPRESSOR	ZIOLKOWSKI, Joseph E	(73) Johnson Controls Tyco IP Holdings LLP
(73) ATLAS COPCO AIRPOWER, naamloze vennootschap	MLSNA, Eric S	(72) NEMIT, Paul, Jr.
(72) VANSWEEVELT, Jan	(31) 201662288250 P	COMSTOCK, Angela Marie
OOMS, Joeri	(32) 28.01.2016	KOPKO, William L.
(31) 201905756	(33) United States of America	(31) 163647 P
(32) 04.11.2019	(51) F04C 18/02	(32) 26.03.2009
(33) Belgium	F04C 23/00	(33) United States of America
(51) F04C 2/10	F04C 28/24	(51) F04C 18/356
F04C 11/00	F04C 28/26	F04C 23/00
F04C 15/00	F04C 29/12	F01C 21/08
(11) EP3879105	(11) EP3957854	(11) EP4174317
(21) EP21157336.5	(21) EP21181336.5	(21) EP22187774.9
(47) 23.10.2024	(47) 23.10.2024	(47) 23.10.2024
(22) 16.02.2021	(22) 24.06.2021	(22) 29.07.2022
(54) PUMP INSERT AND PUMP ASSEMBLY COMPRISING SUCH A PUMP INSERT	(54) SCROLL COMPRESSOR	(54) ROTARY COMPRESSOR
(73) Schwäbische Hüttenwerke Automotive GmbH	(73) LG Electronics Inc.	(73) LG Electronics, Inc.
(72) JÄGGLE, Gerd	(72) LEE, Kyungho	(72) PARK, Joonhong
EHRINGER, Michael	CHOI, Jungsun	KANG, Seoungmin
WIEBEL, Georg	LEE, Kangwook	SHIN, Jinung
(31) 102020106796	(31) 20200104856	(31) 20210145796
(32) 12.03.2020	(32) 20.08.2020	(32) 28.10.2021
(33) Germany	(33) Korea (Republic)	(33) Korea (Republic)
(51) F04C 2/10	(51) F04C 18/02	(51) F04D 3/02
F04C 15/00	F04C 23/00	F04C 2/10
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F04D 29/38	LAUFER, Wolfgang	AUPETIT, Christophe, Paul
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(73) Britannia Engineering Consultancy	(22) 13.08.2020	NISHIMURA Nobuhiko
Limited	(54) A SCREW CAP	AKAYAMA Tokuchiro
(72) CURRY, Peter	(73) Illinois Tool Works INC.	(31) 2020033342
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(72) Colautti, Francesco	B22F 12/53	(72) GAO YUAN
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(54) CLUTCH DEVICE	(73) Safran Landing Systems	A MOTOR VEHICLE INSIDE A WHEEL
(73) Kabushiki Kaisha F.C.C.	(72) BOUR, Nadia	SUSPENSION OF SAID VEHICLE
(72) Furuhashi, Shinji	BIAVA, Alexandre	(73) Raufoss Development AS
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(73) GKN Automotive Limited	ABSORBING VIBRATIONS	TURBINES
(72) HAUPT, Jan	(73) ETO MAGNETIC GmbH	(73) ZF Friedrichshafen AG
GASSMANN, Theodor	(72) FANGAUER, Philipp	ZF Wind Power Antwerpen NV
WECKERLING, Thomas	VINCON, Peter	(72) CAERS, Bart
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MOTOR WITH SPEED REDUCER	F16J 15/56	(73) Fujikoki Corporation
(73) Mitsuba Corporation	(11) EP3767136	(72) KONDO, Daisuke
(72) SAITO, Tatsuyuki	(21) EP19766650.6	MOCHIZUKI, Kenichi
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(54) TORQUE TRANSMISSION DEVICE	F16J 15/3244	EXPLOSION ISOLATION IN PROCESS
FOR A MOTOR VEHICLE	F16J 15/3252	PIPELINES
(73) VALEO EMBRAYAGES	F16J 15/3276	(73) Rico-Sicherheitstechnik AG
(72) MAUREL, Hervé	F16J 15/32	(72) HAFNER, Roland
TERMENON, Norberto	(11) EP3147544	KERN, Jürgen
JIVAN, Camelia	(21) EP15796984.1	AGATONOVIC, Aleksandar
GUINOT, Thierry	(47) 23.10.2024	ZELLWEGER, Daniel
PECOUL, Jean-Christophe	(87) JP2015063971	ALLGÄUER, Mario
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(22) 26.04.2021	ROLLER BEARING SEAL	(72) WINTER BARROS, Patricio
(54) BOLT THROUGH INTERMEDIATE	(73) Amsted Rail Company, Inc.	(51) F16K 29/00
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(73) Linamar Corporation	MARCELLUS, Dwight, A.	F16K 5/06
(72) LABELLE, Chad	(31) 201113134646	F16K 31/04

G01F 15/02	(32) 25.08.2020	(32) 24.03.2021
G01H 11/08	(33) United Kingdom	(33) Germany
G01F 1/667	(51) F16K 31/60	(51) F16L 15/04
G01P 5/24	F16K 35/02	E21B 17/042
G01F 15/00	(11) EP3514428	F16L 15/00
G01F 1/66	(21) EP18152343.2	(11) EP4012239
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(47) 23.10.2024	(54) HAND LEVER	(87) JP2020030407
(22) 28.04.2023	(73) Georg Fischer Rohrleitungssysteme AG	18.02.2021
(54) MONITORING OF A SOLENOID VALVE	(72) Hunnekuhl, Jörg	(22) 07.08.2020
(73) Sagemcom Energy & Telecom SAS	Jäckle, Timo	(54) THREADED CONNECTION FOR STEEL
(72) SABRAOUI, Abbas	Bürgi, Stefan	PIPE
BASTURK, Ahmet Samed	Lalevic, Novica	(73) NIPPON STEEL CORPORATION
ABID, Oussama	(51) F16L 3/10	Vallourec Oil and Gas France
(31) 2204105	B60R 16/02	(72) INOSE, Keita
(32) 29.04.2022	H02G 3/32	SUGINO, Masaaki
(33) France	(11) EP3757435	UGAI, Shin
(51) F16K 31/06	(21) EP20175133.6	NAKANO, Hikari
(11) EP4202272	(47) 23.10.2024	(31) 2019147926
(21) EP21217231.6	(22) 18.05.2020	(32) 09.08.2019
(47) 23.10.2024	(54) SUPPORT FOR ELONGATED	(33) Japan
(22) 23.12.2021	OBJECTS	(51) F16L 37/084
(54) FLUID VALVE	(73) Illinois Tool Works Inc.	(11) EP3953632
(73) AVS, Ingenieur J.C. Römer GmbH	(72) Pfeiffer, Christian	(21) EP20787179.9
(72) Fisch, Rainer	(31) 102019117213	(47) 23.10.2024
(51) F16K 31/06	(32) 26.06.2019	(87) US2020026595
F16K 27/04	(33) Germany	15.10.2020
F15B 13/044	(51) F16L 11/20	(22) 03.04.2020
F15B 13/04	F16L 13/02	(54) SEALING AND RESTRAINING GASKET
(11) EP4112983	F16L 11/15	FOR USE IN PLASTIC PIPELINES
(21) EP22181510.3	F16L 33/01	(73) S & B Technical Products, Inc.
(47) 23.10.2024	F16L 33/26	(72) QUESADA, Guido
(22) 28.06.2022	(11) EP3951228	(31) 201916381217
(54) VALVE AND CONNECTION	(21) EP21189135.3	(32) 11.04.2019
COMPONENT WITH SUCH A VALVE	(47) 23.10.2024	(33) United States of America
(73) Hydac Fluidtechnik GmbH	(22) 02.08.2021	(51) F16L 37/36
(72) Kattler, Frank	(54) HOSE ASSEMBLY	F16L 39/00
Groh, Christian	(73) Witzemann GmbH	(11) EP4232741
Schulz, Frank	(72) GEHRING, Matthias	(21) EP22783068.4
(31) 102021003430	HARTMANN, Johannes	(47) 23.10.2024
(32) 02.07.2021	JANKE, Julian	(87) SE2022050827
(33) Germany	MASCHLANKA, Jörg	30.03.2023
(51) F16K 31/06	ROTHFUSS, Daniel	(22) 20.09.2022
F16K 31/10	MICHALIS, Theodoros	(54) IMPROVED INSULATED COUPLING
(11) EP4202273	(31) 202020104470 U	(73) Mann Technik AB
(21) EP21217232.4	(32) 03.08.2020	(72) KOPPLIN, Gerhard
(47) 23.10.2024	(33) Germany	BÄCKSTRÖM, Markus
(22) 23.12.2021	(51) F16L 13/14	(31) 2151154
(54) FLUID VALVE	F16L 23/08	(32) 21.09.2021
(73) AVS, Ingenieur J.C. Römer GmbH	F16L 23/18	(33) Sweden
(72) Fisch, Rainer	B21D 39/04	(51) F16L 37/413
(51) F16K 31/126	B23P 11/00	F16L 37/23
F16K 1/46	(11) EP4314616	(11) EP4390207
F16K 51/02	(21) EP22716194.0	(21) EP22214874.4
(11) EP4204723	(47) 23.10.2024	(47) 23.10.2024
(21) EP21769913.1	(87) EP2022056941	(22) 20.12.2022
(47) 23.10.2024	29.09.2022	(54) COUPLING PART FOR A HYDRAULIC
(87) EP2021073413	(22) 17.03.2022	COUPLING
03.03.2022	(54) SYSTEM HAVING A DEVICE FOR	(73) WALTER STAUFFENBERG GMBH &
(22) 24.08.2021	PRODUCING A PIPELINE UNIT	CO. KG
(54) SEAL FOR A VACUUM VALVE	AND METHOD FOR PRODUCING A	(72) Laufer, Klaus
(73) ATLAS COPCO AIRPOWER N.V.	PIPELINE UNIT	Mahlich, Nikolas
(72) AERTS, Johan Gustaaf Karel	(73) Glatt Gesellschaft mit beschränkter	(51) F16L 41/02
COOLS, Ronny Antoine J.	Haftung	B60R 16/00
VAN HOOFF, Nils	(72) NOWAK, Mirko	H01R 13/00
DESIRON, Andries	NOWAK, Reinhard	F16L 53/38
(31) 202013256	(31) 102021202883	

(11) EP3752762	(51) F16L 55/48	PRODUCING HYDROGEN WITH CO2
(21) EP19705758.1	F16L 55/18	CAPTURE
(47) 23.10.2024	F16L 55/32	(73) Saudi Arabian Oil Company
(87) EP2019053860	F16L 55/38	(72) AL KHOWAITER, Ahmad O.
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(22) 15.02.2019	(11) EP3877691	YOUNES, Mourad
(54) CONNECTION ARRANGEMENT FOR	(21) EP19818221.4	(31) 201962797031 P
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(73) Voss Automotive GmbH	(87) FR2019052629	(33) United States of America
(72) BAENSCH, Andreas	14.05.2020	(51) F17C 13/12
SACHSE, Martin	(22) 06.11.2019	(11) EP4089316
HÄGER, Daniel	(54) TOOL WITH PRESSURE-REDUCING	(21) EP22166639.9
HEINRICHS, Eugen	MODULE, FOR INTERVENTION ON	(47) 23.10.2024
ISENBURG, Marco	THE WALL OF A FLUID PIPE	(22) 05.04.2022
HESS, Jochem-Andreas	(73) GRTgaz	(54) APPARATUS AND METHOD FOR
WILMS, Waldemar	(72) ACKER, Benoit	CONTROLLING FUEL TANK
RÖHRIG, Lukas	FERNANDEZ, Charles	(73) Hyundai Motor Company
(31) 102018103571	BONNAUDET, Melissandre	Kia Corporation
(32) 16.02.2018	LECCHI, Maxime	(72) LEE, Yong Hee
(33) Germany	COURTALON, Eric	SONG, Se Hoon
(51) F16L 55/07	(31) 1860218	(31) 20210060591
F16L 21/03	(32) 06.11.2018	(32) 11.05.2021
(11) EP4083489	(33) France	(33) Korea (Republic)
(21) EP22169740.2	(51) F16N 19/00	(51) F21S 4/22
(47) 23.10.2024	F16N 37/00	F21Y 107/70
(22) 25.04.2022	F16N 39/00	F21Y 105/10
(54) CONNECTOR	F25B 45/00	H05K 1/18
(73) A. Raymond et Cie	B65D 51/30	(11) EP3818298
(72) GWON, Hongseok	B65D 81/26	(21) EP19829944.8
CHOI, Jinsub	(11) EP4083492	(47) 23.10.2024
(31) 2104571	(21) EP22020096.8	(87) US2019040582
(32) 30.04.2021	(47) 23.10.2024	09.01.2020
(33) France	(22) 07.03.2022	(22) 03.07.2019
(51) F16L 55/26	(54) DESICCANT CARTRIDGE, LUBRICANT	(54) FLEXIBLE LIGHTING PANEL AND
F16L 55/28	RECHARGING CONTAINER AND	LIGHTING FIXTURE
G01M 3/24	RELATED RECHARGING STATION	(73) Glowgadget, LLC
(11) EP4100676	(73) Quadrante s.r.l.	(72) SALTA, Shane
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(22) 05.02.2021	(51) F17C 1/02	F21V 21/116
(54) INSPECTION DEVICE AND	(11) EP3702660	F21V 21/26
INSPECTION UNIT	(21) EP18870904.2	F21V 21/30
(73) Rosen IP AG	(47) 23.10.2024	F21Y 115/10
(72) DANILOV, Andrey	(87) JP2018040001	(11) EP4056887
BOSSE, Ben	02.05.2019	(21) EP22160723.7
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(32) 05.02.2020	(73) Japan Steel Works M&E, Inc.	(54) HEIGHT-ADJUSTABLE STANDING
(33) Germany	Tokyo Denki University	LIGHT
(51) F16L 55/26	(72) WADA, Yoru	(73) Zumtobel Lighting GmbH
F16L 55/40	HOSOYA, Takafumi	(72) SKERGETH, Sascha
E03F 7/12	TSUJI, Hirokazu	(31) 202021101168 U
E03F 3/06	(31) 2017208590	(32) 09.03.2021
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(47) 23.10.2024	(51) F17C 5/00	F21V 17/02
(22) 10.01.2023	(11) EP3914848	F21V 17/14
(54) DEVICE FOR INSPECTING AND/OR	(21) EP20714724.0	(11) EP3674599
RENOVATING A CONNECTION PIPE	(47) 23.10.2024	(21) EP19214255.2
BRANCHING FROM A MAIN CHANNEL	(87) US2020014992	(47) 23.10.2024
(73) IBAK Helmut Hunger GmbH & Co. KG	30.07.2020	(22) 06.12.2019
(72) Koernig, Jonas	(22) 24.01.2020	(54) LAMP
Stock, Markus	(54) PROCESS AND METHOD	(73) Self Electronics Co., Ltd.
(31) 102022106692	FOR TRANSPORTING LIQUID	SELF ELECTRONICS Germany GmbH
(32) 22.03.2022	HYDROCARBON AND CO2 FOR	Lin, Wanjong
(33) Germany		(72) Zeng, Guoqing

Zhang, Fawei	(72) SHIN, Gyu Weon	(21) EP20785999.2
(31) 201811596020	(31) 20170073969	(47) 23.10.2024
(32) 25.12.2018	(32) 13.06.2017	(87) ES2020070540
(33) China	(33) Korea (Republic)	17.03.2022
(51) F21S 45/10	(51) F21V 8/00	(22) 09.09.2020
F21S 45/20	(11) EP3874199	(54) SYSTEM, METHODS AND
F21S 41/50	(21) EP19878925.7	APPARATUSES FOR CONVERTING
F21S 45/33	(47) 23.10.2024	THERMAL ENERGY INTO
G09F 9/37	(87) US2019058100	MECHANICAL ENERGY
G09F 21/04	07.05.2020	(73) THE OAK DALE RESOURCES, S.L.
(11) EP3945242	(22) 25.10.2019	(72) SAVCHENKO, Mikhail
(21) EP21188160.2	(54) MULTIVIEW BACKLIGHT, DISPLAY,	(51) F23C 7/00
(47) 23.10.2024	AND METHOD HAVING OPTICAL MASK	F23R 3/14
(22) 28.07.2021	ELEMENTS	H05H 1/34
(54) HEAD LAMP FOR VEHICLE	(73) LEIA Inc.	F23C 3/00
(73) Hyundai Mobis Co., Ltd.	(72) FATTAL, David A.	(11) EP4248132
(72) KIM, Do Hyung	LOWNEY, Joseph D.	(21) EP21815980.4
JIN, Tae Kyoung	HOEKMAN, Thomas	(47) 23.10.2024
KIM, Moo Kwan	(31) 201862753876 P	(87) EP2021082041
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(32) 29.07.2020	(33) United States of America	(22) 17.11.2021
(33) Korea (Republic)	(51) F21V 8/00	(54) VORTEX CHAMBER
(51) F21S 45/50	G02B 3/00	(73) Universiteit Antwerpen
(11) EP3631289	(11) EP3839337	(72) TRENCH, Georgi
(21) EP18913198.0	(21) EP20215092.6	BOGAERTS, Annemie
(47) 23.10.2024	(47) 23.10.2024	(31) 20209213
(87) TR2018000018	(22) 17.12.2020	(32) 23.11.2020
19.12.2019	(54) IMPROVED EDGE COUPLED	(33) European Patent Office (EPO)
(22) 06.03.2018	LIGHTING COLLIMATION FOR	(51) F23D 14/08
(54) LED SIGNALIZATION LIGHT	BACKLIGHT	F23D 14/14
(73) Serdar Plastik Sanayi ve Ticaret Anonim	(73) Lumileds Holding B.V.	F23D 14/84
Sirketi	(72) Aas, Mehdi	(11) EP3617592
(72) TUTEK, Serdar	Van der Sijde, Arjen Gerben	(21) EP19193540.2
(31) 201703366	Fancsali, Erno	(47) 23.10.2024
(32) 06.03.2017	Pfeffer, Nicola Bettina	(22) 26.08.2019
(33) Türkiye	(31) 201916721609	(54) COMBUSTION DEVICE
(51) F21V 1/00	(32) 19.12.2019	(73) Grand Mate Co., Ltd.
F21V 17/02	(33) United States of America	(72) HUANG, Chung-Chin
F21V 33/00	(51) F21V 17/00	HUANG, Chin-Ying
A61L 9/03	F21V 21/35	HUANG, Hsin-Ming
F21V 17/10	F21V 23/00	HUANG, Hsing-Hsiung
(11) EP4202293	(11) EP3851741	YEH, Yen-Jen
(21) EP22209943.4	(21) EP20152395.8	LIN, Kuan-Chou
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(22) 10.08.2021	(22) 17.01.2020	(32) 31.08.2018
(54) AN ADJUSTABLE FASTENING	(54) ELECTRONIC DEVICE FOR	(33) Taiwan, Chinese Taipei
MECHANISM OF THE THERMAL	OPERATING A LIGHT SOURCE	(51) F23D 14/20
VAPORATOR FOR THE SHADE OF THE	(73) Tridonic GmbH & Co. KG	F23D 14/48
LIGHT SOURCE	(72) Wild, Emanuel	F23D 14/58
(73) Pipta, Jaroslav	Maldoner, Jakob	F23D 14/78
(72) Pipta, Jaroslav	(51) F21V 33/00	F23D 14/84
(31) 500822020 U	F21V 5/02	F23M 5/02
(32) 21.08.2020	F21V 21/00	(11) EP3867572
(33) Slovakia	F21V 8/00	(21) EP19789883.6
(51) F21V 5/04	(11) EP3608590	(47) 23.10.2024
F21S 8/08	(21) EP19188676.1	(87) EP2019077213
G02B 3/00	(47) 23.10.2024	23.04.2020
F21W 131/103	(22) 26.07.2019	(22) 08.10.2019
F21V 5/00	(54) ULTRAFLAT LIGHTING TILE	(54) COMBUSTION GAS INJECTOR,
(11) EP3640532	(73) Display Light	SYSTEM CONSISTING OF A CERAMIC
(21) EP18818710.8	(72) AZORIN, Didier	WALL ELEMENT WITH A CERAMIC
(47) 23.10.2024	(31) 1857403	INJECTOR INSERT OPENING FOR
(87) KR2018006481	(32) 09.08.2018	INSERTING A COMBUSTION GAS
20.12.2018	(33) France	INJECTOR FOR AN INDUSTRIAL
(22) 07.06.2018	(51) F22G 1/10	FURNACE
(54) LENS COVER AND LED LIGHTING	F01K 13/00	(73) Flammatec, Spol. S.R.O.
DEVICE INCLUDING SAME	(11) EP4212771	(72) BIRLE, Andreas
(73) Amosense Co.,Ltd		CHMELAR, Josef

NEFF, Glenn	(22) 20.12.2021	(51) F24C 7/08
VOJTECH, Petr	(54) DOUBLE WALL FOR AIRCRAFT GAS	F24C 3/12
(31) 102018125872	TURBINE COMBUSTION CHAMBER	H01H 9/18
(32) 18.10.2018	AND METHOD OF PRODUCING SAME	(11) EP3961105
(33) Germany	(73) Safran Helicopter Engines	(21) EP21193426.0
(51) F23D 14/62	(72) GRESY, Thomas Sébastien Alexandre	(47) 23.10.2024
(11) EP4083504	AUTRET, Jean-Paul Didier	(22) 27.08.2021
(21) EP22169638.8	SAVARY, Nicolas Roland Guy	(54) KNOB ASSEMBLY AND COOKTOP
(47) 23.10.2024	(31) 2100013	(73) LG Electronics Inc.
(22) 25.04.2022	(32) 04.01.2021	(72) LEE, Dae Yong
(54) A TWO-STAGE AIR-GAS MIXING UNIT	(33) France	(31) 20200109647
FOR AN AIR-GAS MIXTURE BURNING	(51) F23R 3/04	(32) 28.08.2020
APPLIANCE	F23R 3/00	(33) Korea (Republic)
(73) Bosch Thermotechnology Ltd (UK)	(11) EP3980692	(51) F24D 3/10
(72) Hemmen, Patrick	(21) EP20740371.8	F24D 19/00
Collins, Tom	(47) 23.10.2024	E03B 7/12
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(33) United Kingdom	(22) 03.06.2020	(21) EP23188728.2
(51) F23K 1/00	(54) METHOD FOR MANUFACTURING A	(47) 23.10.2024
F23K 3/00	FLAME TUBE FOR A TURBOMACHINE	(22) 01.07.2019
(11) EP4259972	(73) Safran Helicopter Engines	(54) FROST PROTECTION DEVICE FOR
(21) EP21835598.0	(72) LAVIGNOTTE, Stéphane	WATER SUPPLY APPARATUS IN
(47) 23.10.2024	COTTIN, Guillaume Thierry	RECREATIONAL VEHICLES
(87) EP2021083790	AUTRET, Jean-Paul Didier	(73) Truma Gerätetechnik GmbH & Co. KG
16.06.2022	DELIBA, Mehdi	(72) MAACK, Frank
(22) 01.12.2021	GRESY, Thomas Sebastien Alexandre	WEBER, Michael
(54) METHOD FOR THE OPTIMIZED	SAVARY, Nicolas, Roland, Guy	(31) 102018115980
COMBUSTION OF SUBSTITUTE FUELS	(31) 1906074	(32) 02.07.2018
IN A DEVICE FOR THE THERMAL	1906073	(33) Germany
TREATMENT OF INORGANIC	(32) 07.06.2019	(51) F24D 3/10
MATERIALS, MORE PARTICULARLY	07.06.2019	F24D 19/00
FOR THE PRODUCTION OF CEMENT	(33) France	E03B 7/12
CLINKER	France	F16K 17/40
(73) thyssenkrupp Polysius GmbH	(51) F23R 3/36	(11) EP4242529
thyssenkrupp AG	F02C 9/40	(21) EP23188716.7
(72) ZÜHLSDORF, Samuel	F23R 3/28	(47) 23.10.2024
LEMKE, Jost	(11) EP4123224	(22) 01.07.2019
WILLMS, Eike	(21) EP22183948.3	(54) FROST PROTECTION DEVICE FOR
TEUTENBERG, Reinhard	(47) 23.10.2024	WATER SUPPLY APPARATUS IN
(31) 102020215492	(22) 08.07.2022	RECREATIONAL VEHICLES
(32) 08.12.2020	(54) CARTRIDGE TIP FOR	(73) Truma Gerätetechnik GmbH & Co. KG
(33) Germany	TURBOMACHINE COMBUSTOR	(72) MAACK, Frank
(51) F23N 5/26	(73) General Electric Technology GmbH	WEBER, Michael
G01N 33/22	(72) MORGAN, Dana	(31) 102018115980
F17D 1/04	STOIA, Lucas John	(32) 02.07.2018
(11) EP4089330	EXLEY, Elizabeth Leigh	(33) Germany
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(47) 23.10.2024	MANE, Netaji Haribhau	F24D 19/00
(22) 08.03.2022	POURCHO, John Bryan	E03B 7/12
(54) METHOD AND SYSTEM FOR	(31) 202117382458	F16K 17/40
DETERMINING THE CALORIFIC VALUE	(32) 22.07.2021	(11) EP4242530
OF A FUEL GAS IN A GAS NETWORK	(33) United States of America	(21) EP23188720.9
SECTION AND ITS USE	(51) F24C 3/00	(47) 23.10.2024
(73) Viessmann Climate Solutions SE	F24C 15/14	(22) 01.07.2019
(72) ENGEL, Uwe	A47J 37/06	(54) FROST PROTECTION DEVICE FOR
IMHOF, Michael	(11) EP4050264	WATER SUPPLY APPARATUS IN
VOGT, Arno	(21) EP22168456.6	RECREATIONAL VEHICLES
SCHEER, Benjamin	(47) 23.10.2024	(73) Truma Gerätetechnik GmbH & Co. KG
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(33) Germany	(73) LG Electronics Inc.	(31) 102018115980
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H01M 8/247	F24F 1/0043	HYGIENE APPARATUS, AND
H01M 10/627	F24F 1/0007	HOUSEHOLD APPLIANCE
H01M 16/00	F24F 13/20	(73) BSH Hausgeräte GmbH
H02J 3/32	(11) EP3575696	(72) Ma, Bo
F24D 18/00	(21) EP17893694.4	Zhong, Wei
F24D 103/13	(47) 23.10.2024	Zhou, Haiqing
H01M 10/66	(87) CN2017116644	Jiang, Xinhua
F24D 101/30	02.08.2018	Li, Jian
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(11) EP3380792	(54) AIR CONDITIONER INDOOR UNIT	(32) 08.03.2021
(21) EP16800990.0	(73) Gree Electric Appliances, Inc. of Zhuhai	(33) China
(47) 23.10.2024	(72) HAN, Peng	(51) F24F 3/167
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(54) DOMESTIC POWER PLANT AND	LI, Ruqiang	(21) EP20844025.5
METHOD FOR OPERATING A	(31) 201710301497	(47) 23.10.2024
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(73) HPS Home Power Solutions GmbH	(32) 02.05.2017	28.01.2021
(72) HIERL, Andreas	25.01.2017	(22) 20.07.2020
RADUE, Dirk	(33) China	(54) CLEAN WORKSHOP CAPABLE OF
SCHNEIDER, Gunnar	China	BEING CONTROLLED IN PARTITION
BENZ, Uwe	(51) F24F 1/0014	MODE
SCHRÖDER, Kevin	F24F 1/0047	(73) China Electronics Engineering Design
ABUL-ELLA, Zeyad	F24F 13/06	Institute Co., Ltd.
(31) 102015120454	F25B 13/00	S.Y. Technology, Engineering &
(32) 25.11.2015	F25B 49/00	Construction Co., Ltd.
(33) Germany	F24F 11/36	(72) QIN, Xueli
(51) F24D 10/00	(11) EP3910258	ZHANG, Qun
F24F 5/00	(21) EP19908805.5	XIAO, Hongmei
(11) EP4008970	(47) 23.10.2024	YAN, Dong
(21) EP21211799.8	(87) JP2019000377	LI, Peng
(47) 23.10.2024	16.07.2020	LI, Chuanyan
(22) 01.12.2021	(22) 09.01.2019	WANG, Jiangbiao
(54) SUBSTATION FOR HEAT SOURCE	(54) AIR-CONDITIONING APPARATUS	ZHANG, Xinshang
AND OPERATING METHOD THEREOF	(73) Mitsubishi Electric Corporation	WANG, Wei
(73) Commissariat à l'Energie Atomique et	(72) YAMAMOTO, Keiichi	(31) 201910740337
aux Energies Alternatives	(51) F24F 1/24	201910668606
Compagnie de Chauffage	H05K 5/02	(32) 12.08.2019
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Grenobloise	F24F 1/58	(33) China
(72) PHAN, Hai Trieu	(11) EP3126750	China
PAULUS, Cédric	(21) EP15765203.3	(51) F24F 8/10
DUMAS, Olivier	(47) 23.10.2024	F24F 8/90
(31) 2012546	(87) KR2015002620	(11) EP4227589
(32) 02.12.2020	24.09.2015	(21) EP23157436.9
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(51) F24D 13/02	(54) OUTDOOR UNIT OF AN AIR	(22) 27.01.2020
E04F 15/02	CONDITIONER AND METHOD OF	(54) AIR CONDITIONER
F16B 5/00	MANUFACTURING THE SAME	(73) LG Electronics Inc.
F24D 3/12	(73) LG Electronics Inc.	(72) KIM, Hakjae
(11) EP3884213	(72) KIM, Kakjoong	KANG, Jinil
(21) EP19887313.5	JUNG, Jaehwa	LEE, Eunsun
(47) 23.10.2024	SONG, Chiwoo	YOON, Hyeonuk
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(22) 14.11.2019	(33) Korea (Republic)	(32) 01.02.2019
(54) A PANEL AND AN ELECTRICAL	(51) F24F 3/16	31.01.2019
END CONNECTOR, A METHOD	F24F 11/52	(33) Korea (Republic)
FOR COUPLING OF PANELS AND A	A47L 15/42	Korea (Republic)
HEATING SYSTEM	D06F 34/32	(51) F24F 13/02
(73) Heat Click Company AB	(11) EP4056912	F24F 13/20
(72) LÖFHOLM, Håkan Johan	(21) EP22158035.0	F24F 7/00
NYSTRÖM, Taisto Kalevi	(47) 23.10.2024	(11) EP4269899
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(33) Sweden		(22) 27.04.2022

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(73) Soler & Palau Research, S.L.	B03C 3/04	(73) Benninghoven Zweigniederlassung der
(72) BACH-ESTEVE BURCH, ALBERT	B03C 3/12	Wirtgen Mineral Technologies GmbH
FAIG DURAN, JULI	B03C 3/36	(72) Wagner, Frank
SUMARROCA VERGE, MARTÍ	B03C 3/38	(31) 102016223200
(51) F24F 13/20	B03C 3/41	(32) 23.11.2016
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(47) 23.10.2024	(47) 23.10.2024	F25B 6/04
(22) 18.03.2020	(87) KR2014013114	F25B 13/00
(54) AIR PURIFYING APPARATUS	30.07.2015	F25B 41/20
(73) LG Electronics Inc.	(22) 31.12.2014	F25B 47/02
Chungang University Industry Academic	(54) AIR CONDITIONING APPARATUS	(11) EP4123240
Cooperation Foundation	(73) LG Electronics Inc.	(21) EP21780587.8
(72) KANG, Jiyoung	(72) LEE, Yanghwa	(47) 23.10.2024
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PARK, Sohee	(33) Korea (Republic)	(73) Daikin Industries, Ltd.
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(32) 19.03.2019	F24F 11/00	UKIBUNE, Masanori
(33) Korea (Republic)	G01K 1/14	OKAMOTO, Atsushi
(51) F24F 13/20	F24F 1/0073	KOUNO, Yasuhiro
F24F 13/22	F24F 110/10	(31) 2020062741
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(22) 05.11.2020	CONDITIONER INDOOR UNIT, AND	(21) EP21783598.2
(54) HOUSING ASSEMBLY FOR AIR	AIR-CONDITIONER INDOOR UNIT	(47) 23.10.2024
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CONDITIONER	Midea Group Co., Ltd.	(22) 09.09.2021
(73) GD Midea Air-Conditioning Equipment	(72) LI, Bo	(54) ARRANGEMENT, SYSTEM AND
Co., Ltd.	XU, Yongfeng	METHOD FOR PRODUCING HOT
(72) XIE, Yuegan	XIONG, Meibing	WATER FROM SOLAR ENERGY
LV, Jianhua	WAN, Yongqiang	(73) Jilkén, Leif
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(54) CEILING CASSETTE	F26B 11/04	POSITIONING STRIP
(73) GD Midea Air-Conditioning Equipment	F26B 11/02	(73) Julius Fritsche GmbH
Co., Ltd.	F26B 21/04	(72) Hölzl, Christian
(72) TANG, Qingsheng	F26B 23/02	(31) 501032022
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(22) 31.01.2023	(54) CHILLING UNIT, CONTROL METHOD, AND PROGRAM	TOSHINORI, Noda
(54) AN ENERGY SYSTEM COMPRISING A MECHANICAL VAPOR RECOMPRESSION (MVR) UNIT FOR USING THERMAL ENERGY GENERATED BY THE MVR-UNIT, AND A METHOD IN RELATION THERETO	(73) MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	FEI, Bin
(73) Aquafair AB	(72) OKADA, Takuya	LI, Chunyang
(72) CARLMAN, Fredrik	IRIE, Manabu	(31) 202010832828
ÅHRSTRÖM, Bert-Olof	(31) 2022046288	(32) 18.08.2020
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F25B 49/02	(51) F25B 49/02	F25D 31/00
F24F 11/36	F24F 11/89	F25D 21/14
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F24F 3/06	F24F 11/65	(11) EP4004462
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(54) REFRIGERATION APPARATUS	06.04.2017	(51) F25D 11/02
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HORITA Takuya	(22) 07.02.2020	(32) 18.02.2020
UENO Akitoshi	(54) REFRIGERATION CYCLE DEVICE AND LIQUID HEATING DEVICE HAVING THE SAME	18.02.2020
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ZHANG, Hao	METHOD OF ASSEMBLY	(72) BURSTRÖM, Per
CUI, Zhanpeng	(73) Air Products and Chemicals, Inc.	HOLMSTRÖM, Emil
MU, Sen	(72) VODA, Joseph E.	(51) F28D 1/02
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LI, Jiaming	USING THE SAME	(72) CHO, Wei-Lin
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(72) YI, Ting	(51) H01M 10/04	

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(72) Chun, Byoungmin	(54) SYSTEM FOR ELECTRIC BATTERY	Lee, Chul Haeng
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	(72) ZHANG, Xun	

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(72) YOO, Chang Woo	H01Q 21/28	(72) BORIES, Serge
PARK, Min Sik	H01Q 1/24	CLEMENTE, Antonio
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(72) PARES, Gabriel	H01Q 5/35	(72) CLEMENTE, Antonio
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REIG, Bruno	H01Q 5/378	(32) 07.07.2021
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(54) DEVICES AND METHOD FOR	H02M 5/458	(51) H02P 6/00
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MOTOR	(51) H02M 3/335	Clark, Tracy M.
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(72) STREIFF, Frédéric	21.02.2019	ELECTRIC MACHINE WITHOUT PRIOR
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H02S 20/22	AL SHAKARCHI, Franck	(73) Analog Devices International Unlimited
E04F 13/08	LESPINATS, Sylvain	Company
E04D 3/365	(31) 2014093	(72) HEATH, Jeffrey Lynn
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(72) Schmid, René	DIAGNOSING THE OPERATION	(22) 12.07.2021
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(32) 16.06.2016	MODULES COMPRISING AT LEAST	SWITCH
(33) Switzerland	ONE PHOTOVOLTAIC MODULE	(73) NXP USA, Inc.
(51) H02S 20/30	(73) Commissariat à l'énergie atomique et aux	(72) YIN, Yi
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(54) SOLAR UNIT FOR OPERATION ON, IN	(33) France	(21) EP20768863.1
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COMPRISING SAME, AND METHOD	H03F 3/195	11.03.2021
FOR OPERATING SUCH A SOLAR	H03F 3/24	(22) 31.08.2020
UNIT	(11) EP4266577	(54) GRIP SENSOR
(73) PT Bröring GmbH & Co. KG	(21) EP21924611.3	(73) Davis, Bradley
(72) Bröring, Michael	(47) 23.10.2024	(72) Davis, Bradley
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JIANG, Liwang	(54) DELAY CIRCUIT AND COMPARATOR	SCUDERI, Angelo
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(54) RECEIVING DEVICE FOR SIGNAL	(73) Huawei Technologies Co., Ltd.	(73) Samsung Electronics Co., Ltd.
SENSITIVE RECEPTION OF RADIO	(72) JIANG, Zhiping	(72) SAHOO, Ashok Kumar
SIGNALS	LUO, Jun	CHAVVA, Ashok Kumar Reddy
(73) Rohde & Schwarz GmbH & Co. KG	SUN, Haitao	KADAMBAR, Sripada
(72) BOEGL, Thomas	(51) H04B 7/0404	GUNTURU, Anusha
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(54) METHOD AND SYSTEM FOR	(11) EP4138311	(51) H04B 7/06
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(51) H04B 1/52	ELECTRONIC DEVICE THEREFOR	(54) DATA-AIDED BEAM MANAGEMENT
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(54) WIRELESS DEVICES AND SYSTEMS	H04B 17/00	(51) H04B 7/10
INCLUDING EXAMPLES OF	H04B 17/15	H01Q 21/24
FULL DUPLEX TRANSMISSION	G01R 29/10	(11) EP3220554
USING NEURAL NETWORKS OR	H04B 17/16	(21) EP17160729.4
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DALIPI, Spendim	G01D 21/02	(21) EP20217197.1
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NETWORK	H01S 3/094	LOCALIZATION AND
(73) Nokia Solutions and Networks Oy	(11) EP3748874	COMMUNICATIONS ARRAY
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AREA, LARGE FIELD OF VIEW AND	(11) EP3783816	RADIATION POWER OF ARRAY
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COMMUNICATION SYSTEM AND	(51) H04B 10/50	H01Q 3/26
METHOD	H04J 14/02	H01Q 21/28
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AFFAGARD, Hervé	The Regents of the University of	Pandey, Siddharth
SCHWINTNER, Carole	California	Shrivastava, Pallavi
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(73) GRANNEX GmbH & Co. KG	(32) 17.05.2021	IMPROVEMENT
(72) STOLZENBERG, Andreas	(33) United States of America	(73) Bridgestone Americas Tire Operations,
BÖRGER, Markus	(47) 14.08.2024	LLC
(74) ir. A. Blokland c.s.	(51) B29C 70/20	(72) KNAPP, Kevin Ray
(47) 14.08.2024	B29B 15/12	BHATTACHARJEE, Anirban Kamal
(51) B29B 17/02	D02J 1/18	(74) ir. W.J.J.M. Kempes
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(54) SEPARATION FLUID, METHOD AND	(72) DE WEERD, Gerard	B41J 2/175
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(72) SCHULZE, Marcus	(33) United States of America	FLUID ACTUATION DEVICES
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(31) 201809004	(51) B29C 70/30	L.P.
(32) 01.06.2018	B29C 70/54	(72) GARDNER, James Michael
(33) United Kingdom	B29D 99/00	LINN, Scott A
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B29C 64/209	(22) 03.02.2022	G09F 1/02
B29C 64/295	(54) PRODUCTION SYSTEM, METHOD AND	G09F 19/12
B33Y 10/00	COMPUTER PROGRAM PRODUCT	(11) EP3645298
B33Y 30/00	(73) Siemens Gamesa Renewable Energy A/	(21) EP18726435.3
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LIU, David, Shen-Ren	(47) 11.09.2024	B60D 1/167
AUBART, Mark, A.	(51) B29C 70/88	(11) EP3277528
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(33) United States of America	(11) EP4140676	JOINTS
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(51) B29C 64/147	(22) 25.06.2021	Holding Company
		(72) FINCHER, Charles, Kennith

(74) dr. R.C. van Duijvenbode c.s.	(11) EP4240625	(54) DEVICES AND METHODS FOR
(31) 201514666722	(21) EP21798304.8	OVERFILLING DRUG CONTAINERS
201514666740	(22) 15.10.2021	(73) Regeneron Pharmaceuticals, Inc.
(32) 24.03.2015	(54) EFFECTIVE CONTROL OF THE WHEEL	(72) KAMEN, Douglas
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(33) United States of America	COMMERCIAL VEHICLE	GRAHAM, Kenneth, S.
United States of America	(73) KNORR-BREMSE Systeme für	(74) ir. H.A. Witmans c.s.
(47) 04.09.2024	Nutzfahrzeuge GmbH	(47) 24.07.2024
(51) B60K 35/26	(72) THUM, Daniel	(51) B65B 41/12
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(22) 19.09.2023	B62B 9/10	(11) EP3696104
(54) DEVICE INTERCONNECTION	(11) EP4072924	(21) EP20020070.7
METHODS AND SYSTEM, VEHICULAR	(21) EP21700531.3	(22) 13.02.2020
DEVICE, AND TERMINAL DEVICE	(22) 11.01.2021	(54) DEVICE FOR PACKAGING SHEET
(73) Beijing Xiaomi Mobile Software Co., Ltd.	(54) SUPPORT ANTI-BREAKING	GOODS
(72) SUN, Dongming	STRUCTURE AND STROLLER	(73) Giesecke+Devrient Currency Technology
WANG, Yu	THEREWITH	GmbH
MEI, Shaoqing	(73) Wonderland Switzerland AG	(72) Braun, Harald
(74) J.M.H. Duyver lic.	(72) WANG, Erxue	Gryxa, Reinhold
(31) 202211153842	HU, Shoufeng	(74) ir. W.J.J.M. Kempes
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(33) China	(74) ir. A.R. Aalbers	(32) 18.02.2019
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B60L 53/16	(47) 14.08.2024	B65D 3/12
B60L 53/31	(51) B64C 29/00	B65D 3/14
H01H 3/02	B64C 11/00	B65D 5/02
H01H 3/54	B64C 39/02	B65D 45/32
H02H 1/00	B64C 27/20	B65D 45/34
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(22) 08.12.2020	PERAVIA SPÓLKA Z OGRANICZONA	RELATIVE BLANK AND METHOD OF
(54) SUPPLY STATION AND FUNCTION	ODPOWIEDZIALNOSCIA	MAKING
CONTROL METHOD FOR SAME	(72) BRYZIK, Grzegorz	(73) G.D S.p.A.
(73) Compleo Charging Solutions GmbH &	(74) M.A.T. Beck MSc LL.B	(72) PARADISO, Luca
Co. KG	(31) 42341817	(74) dr. R.C. van Duijvenbode c.s.
(72) Dilgert, Simon	(32) 12.11.2017	(31) 201900009009
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(51) B60P 1/54	(22) 20.11.2020	(73) Cotesi - Companhia de Têxteis
(11) EP4166389	(54) CHEMICAL AGENT SUPPLY DEVICE	Sintéticos, S.A.
(21) EP22197631.9	(73) PHC Holdings Corporation	(72) VIOLAS DE OLIVEIRA E SÁ, Pedro
(22) 26.09.2022	(72) UETA, Toshiaki	Américo
(54) HANDLING SYSTEM FOR A VEHICLE	AZUMA, Takeshi	(74) dr. ir. G.J.C. Verdijk c.s.
(73) KNDS France	(74) dr. R.C. van Duijvenbode c.s.	(31) 2018110606
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B60L 7/26		(54) METERING DEVICE

(73) Tomil s.r.o.	(73) Herbert Kannegiesser GmbH	B01J 8/42
(72) Müller, Tomás	(72) Heinz, Engelbert	B01J 8/38
(74) J.M.H. Duyver lic.	Wirth, Alexander	(11) EP4188874
(47) 28.08.2024	Göbbels, Peter	(21) EP21752016.2
(51) B65D 88/12	(74) dr. R.C. van Duijvenbode c.s.	(22) 27.07.2021
(11) EP3792199	(31) 102020123445	(54) PROCESS TO CONDUCT A STEAM
(21) EP19799338.9	(32) 08.09.2020	CRACKING REACTION IN A FLUIDIZED
(22) 10.05.2019	(33) Germany	BED REACTOR
(54) END FRAME STRUCTURE AND TANK	(47) 21.08.2024	(73) TOTALENERGIES ONETECH
CONTAINER THEREWITH	(51) B66F 17/00	(72) VERYASOV, Gleb
(73) CIMC SAFEWAY TECHNOLOGIES CO.,	B66F 11/04	VERMEIREN, Walter
LTD.	(11) EP3929145	NESTERENKO, Nikolai
(72) CHEN, Long	(21) EP21180411.7	(74) ir. W.J.J.M. Kempes
SHI, Jianrong	(22) 18.06.2021	(31) 20315364
LI, Lang	(54) LIFTING SYSTEM FOR OPERATING	(32) 28.07.2020
MENG, Qingguo	MACHINES	(33) European Patent Office (EPO)
SHEN, Fanjing	(73) Manitou Italia S.r.l.	(47) 04.09.2024
ZHU, Hongjun	(72) IOTTI, Marco	(51) C01G 51/00
CHEN, Xiaochun	(74) dr. R.C. van Duijvenbode c.s.	H01M 4/36
JI, Guoxiang	(31) 202000015508	H01M 4/525
WANG, Haiping	(32) 26.06.2020	H01M 4/485
(74) ir. W.J.J.M. Kempes	(33) Italy	H01M 10/052
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(51) B65D 90/00	(22) 05.03.2019	ELECTRODE ACTIVE MATERIAL,
G06F 18/2415	(54) SADDLE GAUGE	PREPARATION METHOD THEREOF ,
G06V 20/64	(73) Kempzell, David	POSITIVE ELECTRODE AND
G06F 18/24	White, Margaret	SECONDARY BATTERY INCLUDING
(11) EP4014160	(72) White, Margaret	THE SAME
(21) EP19941192.7	Kempzell, David	(73) LG Energy Solution, Ltd.
(22) 14.08.2019	(74) dr. R.C. van Duijvenbode c.s.	(72) HWANG, Jin Tae
(54) METHOD AND APPARATUS FOR	(31) 201803539	PARK, Sung Bin
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(73) ABB SCHWEIZ AG	(33) United Kingdom	YOU, Min Kyu
(72) MAO, Yichao	(47) 31.07.2024	HUR, Hyuck
ZHANG, Jiafan	(51) C01B 3/00	JO, Chi Ho
TIAN, Ye	B01J 8/12	(74) dr. ir. F.M. van Bouwelen
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B65D 88/12	(54) REACTOR FOR ENDOTHERMIC HIGH-	(47) 25.09.2024
B66F 9/07	TEMPERATURE REACTIONS	(51) C03B 20/00
(11) EP4188842	(73) thyssenkrupp Uhde GmbH	C03C 3/06
(21) EP21756076.2	thyssenkrupp AG	C03B 37/012
(22) 22.07.2021	BASF SE	C03B 19/10
(54) METHOD AND AUTOMATED PLANT	(72) KERN, Matthias	C03B 17/04
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(72) TRANQUILLI, Franco	KOLIOS, Grigorios	(73) Heraeus Quarzglas GmbH & Co. KG
(74) ir. W.J.J.M. Kempes	FLICK, Dieter	(72) NIELSEN, Nils Christian
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(32) 27.07.2020	ZANDER, Hans-Jörg	KPEBANE, Abdoul-Gafar
(33) Italy	WECHSUNG, Achim	WHIPPEY, Nigel Robert
(47) 24.07.2024	(74) ir. W.J.J.M. Kempes	HÜNERMANN, Michael
(51) B65G 17/20	(31) 102019002523	SÖHN, Matthias
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(54) EQUIPMENT FOR TRANSPORTING	C01B 3/34	(32) 18.12.2015
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C05F 9/04	(54) METHOD FOR OLIGOMERIZATION	Drees, Stefan
C05F 11/00	WITH DRY HANDLING OF THE	Franke, Robert
(11) EP3980392	CATALYST BEFORE DISPENSING INTO	Dercks, Benedikt
(21) EP20732332.0	THE REACTOR	Rix, Armin Matthias
(22) 03.06.2020	(73) Evonik Oxeno GmbH & Co. KG	Oldemeyer, Martin
(54) BIOMASS COMPOSITION	(72) STOCHNIOL, Guido	Brächer, Alexander
COMPRISING INSECT PARTICLES,	PEITZ, Stephan	Geilen, Frank
METHOD FOR PRODUCING THE	BUKOHL, Reiner	(74) ir. W.J.J.M. Kempes
SAME, AND USE OF SAID BIOMASS	(74) ir. W.J.J.M. Kempes	(31) 21209276
COMPOSITION	(47) 31.07.2024	(32) 19.11.2021
(73) Protix B.V.	(51) C07C 7/08	(33) European Patent Office (EPO)
(72) WIJTS, Ramon René	C07C 9/12	(47) 31.07.2024
GILLIS, Jacobus Henricus Antonius	C07C 11/08	(51) C07C 45/50
Maria	(11) EP4251597	C07C 45/78
(74) dr. R.C. van Duijvenbode c.s.	(21) EP22702900.6	C07C 45/81
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(32) 28.06.2019	SEPARATING BUTENES FROM	(21) EP22205989.1
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(33) Netherlands	SUBSEQUENT N/ISO SEPARATION	(54) PROCESS FOR PRODUCING
United States of America	(73) Evonik Oxeno GmbH & Co. KG	ALDEHYDES AND COOLING A MASS
(47) 09.10.2024	(72) RIX, Armin Matthias	FLOW
(51) C07B 59/00	SIX, Tanita Valérie	(73) Evonik Oxeno GmbH & Co. KG
C07D 235/26	PAUL, Niklas	(72) Fridag, Dirk
C07D 401/14	LUTZE, Philip	Dercks, Benedikt
A61K 31/4184	SCHRÖDER, Moritz	Franke, Robert
A61K 31/454	PEITZ, Stephan	Markovic, Ana
A61P 1/04	(74) ir. W.J.J.M. Kempes	Geilen, Frank
A61P 1/08	(31) 21153667	Brächer, Alexander
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THERAPY OF DISORDERS	C07C 2/08	(33) European Patent Office (EPO)
(73) CinDome Pharma, Inc.	C07C 11/02	(47) 31.07.2024
(72) PEARCE, Catherine	(11) EP4251596	(51) C07C 45/50
ISAACSOHN, Jon	(21) EP22702218.3	C07C 47/02
PATEL, Piyush	(22) 21.01.2022	(11) EP4198011
(74) ir. W.J.J.M. Kempes	(54) METHOD FOR THE SEPARATION OF	(21) EP21215368.8
(31) 201662291198 P	BUTENES FROM C4 HYDROCARBON	(22) 17.12.2021
(32) 04.02.2016	FLOWS WITH CONNECTED	(54) METHOD FOR HYDROFORMYLATION
(33) United States of America	OLIGOMERIZATION	OF OLEFINS USING PT AND
(47) 24.07.2024	(73) Evonik Oxeno GmbH & Co. KG	DPEPHOS
(51) C07C 2/08	(72) PEITZ, Stephan	(73) Evonik Oxeno GmbH & Co. KG
C07C 2/22	SIX, Tanita Valérie	(72) SCHNEIDER, Carolin
C07C 2/32	LUTZE, Philip	JACKSTELL, Ralf
(11) EP3350142	PAUL, Niklas	BELLER, Matthias
(21) EP16775030.6	RIX, Armin Matthias	FRANKE, Robert
(22) 13.09.2016	SCHRÖDER, Moritz	(74) ir. W.J.J.M. Kempes
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OLIGOMERIZATION/TRIMERIZATION/	(31) 21153663	(51) C07C 45/50
TETRAMERIZATION REACTOR	(32) 27.01.2021	C07C 47/02
(73) Chevron Phillips Chemical Company LP	(33) European Patent Office (EPO)	(11) EP4198013
(72) KREISCHER, Bruce	(47) 31.07.2024	(21) EP22212152.7
(74) ir. F.A. Geurts c.s.	(51) C07C 45/50	(22) 08.12.2022
(31) 201514858588	C07C 45/78	(54) METHOD FOR THE
201514858526	C07C 45/81	HYDROFORMYLATION OF OLEFINS
(32) 18.09.2015	C07C 47/02	USING PT AND THIXANTPHOS
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United States of America	(22) 08.11.2022	Franke, Robert
(47) 07.08.2024	(54) PROCESS FOR PRODUCING	Beller, Matthias
(51) C07C 2/10	ALDEHYDES AND COOLING A MASS	Schneider, Carolin
C07C 11/02	FLOW	(74) ir. W.J.J.M. Kempes
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C07C 47/02	(21) EP22198597.1	WUSTROW, David Juergen
C07C 47/12	(22) 06.08.2021	YOUNAI, Ashkaan
C07C 47/228	(54) NITRILE-CONTAINING COMPOUNDS	TIVITMAHAISOON, Parcharee
(11) EP4198008	FOR USE AS MEDICAMENTS	(74) dr. A. Krebs
(21) EP21215350.6	(73) Pfizer Inc.	(31) 201862784161 P
(22) 17.12.2021	(72) PETTERSSON, Martin Youngjin	201862772027 P
(54) METHOD FOR HYDROFORMYLATION	REESE, Matthew Richard	201862622771 P
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(73) Evonik Oxeno GmbH & Co. KG	TUTTLE, Jamison Bryce	27.11.2018
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FRANKE, Robert	WEI, Liuqing	(33) United States of America
JACKSTELL, Ralf	YANG, Xiaojing	United States of America
BELLER, Matthias	YANG, Qingyi	United States of America
(74) ir. W.J.J.M. Kempes	OWEN, Dafydd Rhys	(47) 31.07.2024
(47) 31.07.2024	(74) dr. R.C. van Duijvenbode c.s.	(51) C07D 409/14
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B01D 53/52	202163170158 P	A61P 35/00
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(54) HYDROGEN SULFIDE SCAVENGERS	United States of America	(22) 15.03.2023
(73) Ecolab USA Inc.	United States of America	(54) IKAROS ZINC FINGER FAMILY
(72) Karas, Lawrence J.	United States of America	DEGRADERS AND USES THEREOF
Ekoue-Kovi, Kekeli	(47) 09.10.2024	(73) Gilead Sciences, Inc.
Anantaneni, Rprakasa Rao	(51) C07D 401/12	(72) YU, Helen
Harrington, Ryan Matthew	C07D 471/04	BLOMGREN, Peter A.
(74) ir. W.J.J.M. Kempes	A61K 31/501	VENKATARAMANI, Chandrasekar
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A61P 27/02	AS ALK5 INHIBITORS	WATKINS, William J.
A61P 27/06	(73) Chiesi Farmaceutici S.p.A.	CHEN, Chen
A61K 31/5575	(72) PIZZIRANI, Daniela	YEUNG, Suet, C.
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(22) 07.07.2022	BARILLI, Alessio	THOMAS-TRAN, Rhiannon
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(72) Sántáné Csutor, Andrea	(51) C07D 401/14	(51) C07D 471/04
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Ronsin, Gael	A61P 29/00	A61K 31/496
Kovács, Szabolcs	A61K 31/506	A61P 25/00
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A61P 31/14	JACKSON, Jeffrey J.	COMPOUNDS AS HISTONE
C07D 401/12	OKANO, Akinori	DEACETYLASE 6 INHIBITOR, AND THE
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GWAK, Dal-Yong	ANTIBODY	(73) Akeso Biopharma, Inc.
(74) ir. W.J.J.M. Kempes	(73) Zoetis Services LLC	(72) LI, Baiyong
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(54) CONTINUOUS PROCESS FOR MANUFACTURING ALKYL 7-AMINO-5- METHYL-[1,2,5]OXADIAZOLO[3,4- B]PYRIDINE-CARBOXYLATE	(73) Argenx BV	(73) Mitsubishi Chemical Corporation
(73) Boehringer Ingelheim International GmbH	(72) VERHEESEN, Peter	(72) FUJIKAWA, Yuichiro
(72) TAMPONE, Thomas	DUPUY, Patrick	UEKI, Sohei
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(73) Saint-Gobain Performance Plastics Corporation (72) LEBRUN, Jean-Marie BERGSTROM, Helen K. LI, Qiaoxi (74) ir. W.J.J.M. Kempes	(73) PPG Industries Ohio, Inc. (72) LEWIS, Jason R. BROWN, Zachary J. HORDIJK, David M. DECKER, Eldon L. MUNRO, Calum H. (74) dr. W.A.H.M. Van Borm (31) 201916536655 (32) 09.08.2019 (33) United States of America (47) 02.10.2024 (51) C10B 33/00 C10B 33/12 F16K 3/22 F16K 3/24 F16K 3/316 F16J 15/3208 F16K 11/07 F16K 47/08	(73) Indian Oil Corporation Limited (72) KARUMANCHI, Ramesh KUMAR, Sarvesh SAU, Madhusudan KAPUR, Gurpreet Singh DAS, Nayan BUTLEY, Ganesh Vitthalrao RAMAKUMAR, Sankara Sri Venkata SARKAR, Mainak (74) ir. W.J.J.M. Kempes (31) 202021048365 (32) 05.11.2020 (33) India

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C07K 14/395	DE BOER, Alexandra, Sophie	MANUFACTURING SAID COMPONENT
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AND UTILIZATION THEREOF	SULFIDE CONCENTRATES AND/OR	(47) 25.09.2024
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HARADA, Shoko	HAMMERSCHMIDT, Jörg	D02G 3/36
UEDA, Hiroki	CHARITOS, Alexandros	A61L 27/16
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POLYRIBONUCLEOTIDES	(21) EP20735602.3	Chadha, Ajay

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(21) EP21758951.4	(54) CONCRETE FLOOR, CONCRETE	(21) EP21194874.0
(22) 03.08.2021	FLOOR ELEMENTS AND METHOD	(22) 03.09.2021
(54) NONWOVEN FABRIC INCLUDING	FOR PRODUCING A CONCRETE	(54) HINGE, PARTICULARLY FOR DOORS
FIBERS FORMED FROM POST-	FLOOR AND A CONCRETE FLOOR	OR WINDOWS
CONSUMER RECYCLED PLASTIC	ELEMENT	(73) Sitter, Michel
(73) Berry Global, Inc.	(73) CPC AG	Sitter, Christian
(72) ELLIS, Dianne B.	(72) KURATH-GROLLMANN, Josef Peter	(72) Sitter, Michel
(74) dr. R.C. van Duijvenbode c.s.	(74) dr. R.C. van Duijvenbode c.s.	Sitter, Christian
(31) 202063062520 P	(47) 25.09.2024	(74) ir. W.J.J.M. Kempes
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(54) SPRAY REGULATOR FOR A SANITARY	COVERING	(11) EP4105423
FITTING AND SANITARY FITTING	(73) Tectum Group NV	(21) EP22174357.8
WITH A CORRESPONDING SPRAY	Claerhout Aluminium NV	(22) 19.05.2022
REGULATOR	(72) CLAERHOUT, Rik	(54) HINGE DEVICE AND BI-FOLD
(73) Grohe AG	(74) dr. A. Ellens c.s.	SHUTTER USING THE SAME
(72) SCHLUETER, Matthias	(31) 202005482	(73) Griesser Holding AG
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OF HEMOSTATIC FUNCTION	(73) Honeywell International Inc.	METHOD OF MANUFACTURING
(73) Hemosonics, LLC	(72) WINSTEAD, Benjamin J.	

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(73) Samsung Display Co., Ltd.	(51) G02F 1/017	
(72) LEE, Kwangkeun	H01S 5/34	
NOH, Hyunwoo	B82Y 20/00	
LEE, Junhan	H01S 5/343	(73) Ecole Polytechnique Federale de Lausanne (EPFL)
BAEK, Moonjung	H01S 5/026	(72) HENEIN, Simon
HAN, Suji	(11) EP4049083	VARDI, Ilan
PARK, Keunyoung	(21) EP20803445.4	RUBBERT, Lennart
PARK, Haeil	(22) 16.10.2020	(74) J.M.H. Duyver lic.
(74) J.M.H. Duyver lic.	(54) SEMICONDUCTOR STRUCTURE AND FABRICATION OF A SEMICONDUCTOR STRUCTURE WITH MULTIPLE QUANTUM WELLS	(31) 14195719
(31) 20200101207	(73) SMART Photonics Holding B.V.	14183624
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YAMAMOTO, Yoshinori	(22) 06.12.2017	G04D 7/12
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(33) Japan	TAKAOKA, Lyo	(54) METHOD FOR MONITORING AND MANUFACTURING TIMEPIECE HAIRSPRINGS
(47) 25.09.2024	HIRO, Daisuke	(73) Richemont International S.A.
(51) G02B 6/38	KAWATA, Haruka	(72) TOBENAS, Susana
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(21) EP21857160.2	TAKAHASHI, Masahiro	GACHET, David
(22) 23.03.2021	YANA, Kanako	(74) ir. W.J.J.M. Kempes
(54) LABEL MODULE AND OPTICAL FIBER CONNECTOR ASSEMBLY COMPRISING THE LABEL MODULE	(74) ir. W.J.J.M. Kempes	(47) 25.09.2024
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(74) ir. W.J.J.M. Kempes	(51) G04B 17/04	(74) dr. R.C. van Duijvenbode c.s.
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G05D 105/80	G06Q 10/10	DEVICE
G05D 107/70	G06F 21/62	(73) Samsung Electronics Co., Ltd.
G05D 109/10	G06F 21/31	(72) KIM, Gunbae
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(74) ir. W.J.J.M. Kempes	A USER DEVICE IN A LOCKED STATE	OF CONTROLLING ACCESS TO
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(32) 25.01.2022	(74) ir. A. Blokland c.s.	(73) Samsung Electronics Co., Ltd.
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(54) METHOD AND DEVICE FOR	(32) 08.08.2018	(73) Samsung Electronics Co., Ltd.
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(73) Honor Device Co., Ltd.	(47) 18.09.2024	KANG, Shinhaeng
(72) CHEN, Lei	(51) G06F 3/06	(74) dr. R.C. van Duijvenbode c.s.
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INTELLIGENCE INTERACTIONS, AND	United States of America	MURATA, Seiji
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(72) ADESANYA, Olaoluwa O.	G06F 1/32	(74) ir. W.J.J.M. Kempes
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(51) G06F 3/0488	POWER SUPPLY CIRCUIT AND	G06F 12/02
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REDUCING BOUNDS CHECKING	ANALYSIS OF SUBSURFACE	GHAFOORIAN, Mohsen
OVERHEAD BY INSTRUMENTING	REPRESENTATIONS	(74) J.M.H. Duyver lic.
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(11) EP4367579	(11) EP4020308	ANTICIPATORY LOCKING AND
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(54) PRODUCT VENDING MACHINE WITH	(54) INTEGRATED RFID TAGS IN	(73) Google LLC
MECHANICAL INFORMATIVE DISPLAY	PASSENGER AIRCRAFT	(72) MALHOTRA, Mark
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(22) 13.05.2015	RECOMPILATION OF QUANTUM	SYSTEM FOR AIRBORNE VIRAL
(54) INTER-PROCESSOR	CIRCUITS TO COMPENSATE FOR	INFECTION RISK AND AIR QUALITY
SYNCHRONIZATION SYSTEM	DRIFT IN A QUANTUM COMPUTER	ANALYSIS FROM NETWORKED AIR
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Ray, Vincent	HOGABOAM, Justin	& ENVIRONMENT HOLDING
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(73) Chengdu BOE Optoelectronics	(47) 28.08.2024	TAKAHASHI, Fumiaki
Technology Co., Ltd.	(51) G11C 16/04	MIZOKAMI, Masato
BOE Technology Group Co., Ltd.	G11C 16/16	(74) ir. A. Blokland c.s.
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	(31) 316893	Schock, Hans

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AND METHOD FOR CLEANING
EXHAUST GAS

(73) Alfa Laval Corporate AB

(72) MÖLGAARD, Sören
LEEMREIZE, Casper

(74) ir. H.A. Witmans c.s.

(47) 14.04.2021

SPC

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(11) EP4322502
(00) 19.06.2024
(00) EPV Ceased Effect
(11) EP4344789
(00) 19.06.2024
(00) EPV Ceased Effect

VRB

**Correcties op eerdere publicaties.
Corrections on earlier publications.**

CO

Wijzigingen in het Nederlands Octrooiregister. Changes in the Netherlands Patent Register.

(71) VWS Verbindingen & Netwerken B.V.	(00) 15.10.2024	(11) EP2938597
(73) VWS Verbindingen & Netwerken B.V.	(51) C08K 7/00	(00) 11.10.2024
(11) 1037510	C08K 7/28	(51) A61K 31/4184
(00) 15.10.2024	C08L 95/00	A61P 25/28
(51) E02B 3/10	(00) Assignment	C07D 235/30
(00) Assignment	(71) OT Patent Escrow, LLC	(00) Merge
(71) FP Floor Protector GmbH	(73) Malikie Innovations Limited	(71) Adeia Media Solutions Inc.
(73) FP Floor Protector GmbH	(11) EP2175366	(73) Adeia Media Solutions Inc.
(11) EP1817529	(00) 16.10.2024	(11) EP2549771
(00) 18.10.2024	(51) G06F 9/445	(00) 14.10.2024
(51) F24D 3/12	H04L 29/08	(51) H04N 21/4147
(00) Assignment	(00) Assignment	H04N 21/435
(71) Adeia Media Solutions Inc.	(71) Malikie Innovations Limited	H04N 21/84
(73) Adeia Media Solutions Inc.	(73) Malikie Innovations Limited	H04N 21/858
(11) EP1694276	(11) EP2175366	H04H 20/31
(00) 14.10.2024	(00) 16.10.2024	H04H 60/13
(51) H04N 7/173	(51) G06F 9/445	H04H 60/27
(00) Change of owner(s) name	H04L 29/08	H04H 60/73
(71) Adeia Media Solutions Inc.	(00) Assignment	(00) Change of owner(s) name
(73) Adeia Media Solutions Inc.	(71) Alfaisigma S.p.A	(71) Werkhaus GmbH & Co. KG
(11) EP2036344	(73) Alfaisigma S.p.A	(73) Werkhaus GmbH & Co. KG
(00) 14.10.2024	(11) EP2361251	(11) EP2702329
(51) H04N 21/435	(00) 17.10.2024	(00) 16.10.2024
H04N 21/84	(51) A61K 31/437	(51) F24C 15/20
H04N 21/858	A61P 19/02	(00) Assignment
(00) Change of owner(s) name	C07D 471/04	(71) Thyssenkrupp Accessibility BV
(71) Adeia Media Solutions Inc.	(00) Assignment	TK Home Solutions B.V.
(73) Adeia Media Solutions Inc.	(71) OT Patent Escrow, LLC	(73) TK Home Solutions B.V.
(11) EP2036343	(73) Malikie Innovations Limited	(11) EP2780126
(00) 14.10.2024	(11) EP2219324	(00) 11.10.2024
(51) H04N 7/16	(00) 16.10.2024	(51) B21D 7/08
H04N 5/76	(51) H04L 12/28	B21D 15/02
(00) Change of owner(s) name	(00) Assignment	(00) Assignment
(71) Werkhaus GmbH & Co. KG	(71) Mapei S.p.A.	(71) Performance Plants Inc.
(73) Werkhaus GmbH & Co. KG	(73) Mapei S.p.A.	(73) Performance Plants Inc.
(11) EP1944553	(11) EP2264092	(11) EP2449111
(00) 16.10.2024	(00) 15.10.2024	(00) 18.10.2024
(51) F24C 15/20	(51) C08K 3/34	(51) A01H 5/00
(00) Assignment	C08K 7/00	A01H 5/10
(71) Performance Plants Inc.	C08L 95/00	C07K 14/415
(73) Performance Plants Inc.	(00) Assignment	C12N 15/00
(11) EP2140012	(71) Dish Technologies, L.L.C.	C12N 15/29
(00) 18.10.2024	(73) Dish Technologies, L.L.C.	C12N 15/82
(51) A01H 1/04	(11) EP2395742	(00) Change of owner(s) name
A01H 5/00	(00) 15.10.2024	(71) Adeia Media Solutions Inc.
A01H 5/10	(51) H04N 5/00	(73) Adeia Media Solutions Inc.
C12N 15/09	H04N 21/4147	(11) EP2408202
C12N 15/29	H04N 21/426	(00) 14.10.2024
C12N 15/67	H04N 21/433	(51) H04N 7/173
C12N 15/82	H04N 21/44	(00) Change of owner(s) name
(00) Change of owner(s) name	H04N 21/4627	(71) TK Home Solutions B.V.
(71) Malikie Innovations Limited	H04N 5/76	(73) TK Home Solutions B.V.
(73) Malikie Innovations Limited	H04N 5/775	(11) EP2780126
(11) EP2219324	H04N 5/781	(00) 11.10.2024
(00) 16.10.2024	(00) Assignment	(51) B21D 7/08
(51) H04L 12/28	(71) Alzprotect	B21D 15/02
(00) Assignment	Inserm	(00) Change of owner(s) name
(71) Mapei S.p.A.	Université de Lille	(71) Intelligent Packaging Pty Ltd.
(73) Mapei S.p.A.	(73) Alzprotect	(73) Intelligent Packaging Pty Ltd.
(11) EP2264094	Inserm	(11) EP2861503
	Université de Lille	(00) 18.10.2024

(51) B32B 15/04	(00) Assignment	G01N 33/49
B32B 15/20	(71) KWS SAAT SE & Co. KGaA	A61B 5/145
B65D 23/02	(73) KWS SAAT SE & Co. KGaA	G01N 15/14
B65D 25/14	(11) EP3011037	A61B 5/00
B65D 81/28	(00) 11.10.2024	(00) Assignment
C12H 1/14	(51) C12N 15/82	(71) Tessera LLC
C12H 1/22	C12N 15/113	(73) Adeia Semiconductor Solutions LLC
(00) Assignment	C07K 14/415	(11) EP2649640
(71) Werkhaus GmbH & Co. KG	(00) Change of Legal Entity	(00) 14.10.2024
(73) Werkhaus GmbH & Co. KG	(71) TAYLOR DEVICES, INC.	(51) H01L 49/02
(11) EP2926701	(73) TAYLOR DEVICES, INC.	H01L 21/768
(00) 16.10.2024	(11) EP3283785	H01L 23/48
(51) A47J 37/06	(00) 15.10.2024	H01L 23/64
(00) Assignment	(51) F16F 1/40	(00) Change of Legal Entity
(71) Adeia Media Solutions Inc.	F16F 1/42	(71) Greein Inc.
(73) Adeia Media Solutions Inc.	F16F 3/12	(73) Greein Inc.
(11) EP2090104	F16F 15/08	(11) EP3351089
(00) 14.10.2024	(00) Assignment	(00) 17.10.2024
(51) H04N 7/173	(71) Outdoor Wireless Networks LLC	(51) A01G 7/00
G06Q 30/00	(73) Outdoor Wireless Networks LLC	G06K 9/00
(00) Change of owner(s) name	(11) EP2771987	(00) Assignment
(71) Werkhaus GmbH & Co. KG	(00) 16.10.2024	(71) Stryker Corporation
(73) Werkhaus GmbH & Co. KG	(51) H04J 3/06	(73) Stryker Corporation
(11) EP2975327	H04B 10/25	(11) EP3561721
(00) 16.10.2024	H04B 7/04	(00) 15.10.2024
(51) F24C 15/20	(00) Assignment	(51) G06K 9/00
(00) Assignment	(71) China National Forest Xinzhou Bamboo Winding Development Co.,Ltd	A61B 5/02
(71) Alfasisigma S.p.A	(73) China National Forest Xinzhou Bamboo Winding Development Co.,Ltd	(00) Assignment
(73) Alfasisigma S.p.A	(11) EP3296605	(71) Werkhaus GmbH & Co. KG
(11) EP2445911	(00) 17.10.2024	(73) Werkhaus GmbH & Co. KG
(00) 17.10.2024	(51) E02D 29/00	(11) EP3416736
(51) A61K 31/541	(00) Assignment	(00) 16.10.2024
A61K 45/06	(71) Verbio SE	(51) B01D 53/32
C07D 471/04	(73) Verbio SE	F24C 15/20
(00) Assignment	(11) EP2501818	(00) Assignment
(71) Verbio SE	(00) 15.10.2024	(71) Werkhaus GmbH & Co. KG
(73) Verbio SE	(51) C12P 5/02	(73) Werkhaus GmbH & Co. KG
(11) EP2483206	C12P 7/06	(11) EP3529538
(00) 15.10.2024	(00) Change of Legal Entity	(00) 16.10.2024
(51) B01D 3/10	(71) Tessera LLC	(51) F24F 7/06
B01D 19/00	(73) Adeia Semiconductor Solutions LLC	F24F 13/02
C02F 1/20	(11) EP2649639	F24F 13/08
C02F 101/16	(00) 14.10.2024	(00) Assignment
C02F 103/20	(51) H01L 49/02	(71) Snap Group SAS
C05C 3/00	H01L 21/768	(73) Snap Inc.
C05F 3/00	H01L 23/48	(11) EP3999964
(00) Change of Legal Entity	(00) Change of Legal Entity	(00) 11.10.2024
(71) Verbio SE	(71) Adeia Media Solutions Inc.	(51) G06F 9/54
(73) Verbio SE	(73) Adeia Media Solutions Inc.	G06F 9/448
(11) EP2635592	(11) EP3419245	(00) Merge
(00) 15.10.2024	(00) 14.10.2024	(71) Werkhaus GmbH & Co. KG
(51) C07D 311/58	(51) G06F 16/00	(73) Werkhaus GmbH & Co. KG
C07D 311/72	(00) Change of owner(s) name	(11) EP3631303
C07J 9/00	(71) Werkhaus GmbH & Co. KG	(00) 16.10.2024
C11C 3/00	(73) Werkhaus GmbH & Co. KG	(51) F24C 15/10
(00) Change of Legal Entity	(11) EP3505830	F24C 15/20
(71) Siemens Healthineers AG	(00) 16.10.2024	(00) Assignment
(73) Siemens Healthineers AG	(51) F24C 15/20	(71) Adeia Semiconductor Solutions LLC
(11) EP2572332	(00) Assignment	(73) Adeia Semiconductor Solutions LLC
(00) 15.10.2024	(71) Stryker Corporation	(11) EP2649639
(51) G06T 7/00	(73) Stryker Corporation	(00) 14.10.2024
(00) Assignment	(11) EP3576018	(51) H01L 49/02
(71) Cintralux	(00) 15.10.2024	H01L 21/768
(73) Cintralux	(51) G06K 9/62	H01L 23/48
(11) EP3284875	A61B 5/02	(00) Change of owner(s) name
(00) 18.10.2024		(71) China National Forest Xinzhou Bamboo Winding Development Co.,Ltd
(51) E04D 13/03		

(73) China National Forest Xinzhou Bamboo Winding Development Co.,Ltd	(11) EP3218555	(11) EP3999964
(11) EP3067609	(00) 11.10.2024	(00) 11.10.2024
(00) 17.10.2024	(51) E04C 2/292	(51) G06F 9/54
(51) B32B 1/08	E04C 2/296	G06F 9/448
B32B 5/02	E04C 2/38	(00) Assignment
B32B 5/12	E04B 1/61	(71) Werkhaus GmbH & Co. KG
B32B 5/26	E04C 2/24	(73) Werkhaus GmbH & Co. KG
B32B 7/12	B29C 33/30	(11) EP3475622
B32B 9/02	B29C 33/42	(00) 16.10.2024
B32B 27/12	B29C 44/58	(51) F24C 15/20
F16L 9/14	(00) Assignment	(00) Assignment
F16L 9/16	(71) Adeia Media Solutions Inc.	(71) Alfaisigma S.p.A
(00) Assignment	(73) Adeia Media Solutions Inc.	(73) Alfaisigma S.p.A
(71) Graniten Engineering AB	(11) EP3346715	(11) EP3595667
(73) Graniten Engineering AB	(00) 14.10.2024	(00) 17.10.2024
(11) EP3483612	(51) H04N 9/79	(51) A61K 31/541
(00) 15.10.2024	H04N 21/422	A61P 29/00
(51) G01N 35/04	H04N 21/8358	A61K 9/20
G01N 35/00	G06F 16/41	(00) Assignment
B65G 51/04	G06F 3/14	(71) Stryker Corporation
(00) Assignment	G06Q 30/02	(73) Stryker Corporation
(71) Werkhaus GmbH & Co. KG	G06Q 30/04	(11) EP3393539
(73) Werkhaus GmbH & Co. KG	G06Q 30/06	(00) 15.10.2024
(11) EP3513124	G06Q 50/00	(51) G01G 17/04
(00) 16.10.2024	G11B 27/32	G01N 33/49
(51) F24C 7/08	H04N 5/765	A61M 1/02
H01H 3/08	H04N 5/782	A61M 1/00
(00) Assignment	H04N 21/435	A61J 1/22
(71) Stryker Corporation	H04N 21/442	A61J 1/20
(73) Stryker Corporation	H04N 21/4415	A61J 1/16
(11) EP4033405	H04M 3/493	A61J 1/12
(00) 15.10.2024	(00) Change of owner(s) name	A61J 1/05
(51) A61B 5/02	(71) Werkhaus GmbH & Co. KG	H04N 23/57
A61B 5/145	(73) Werkhaus GmbH & Co. KG	(00) Assignment
G01N 33/49	(11) EP3492819	(71) Butting CryoTech GmbH
G01N 15/14	(00) 16.10.2024	(73) Butting CryoTech GmbH
A61B 5/00	(51) F24C 15/10	(11) EP4222409
(00) Assignment	F24C 15/20	(00) 16.10.2024
(71) Dolby Laboratories Licensing Corporation	F24C 11/00	(51) F17C 13/04
(73) Dolby Laboratories Licensing Corporation	(00) Assignment	(00) Assignment
(11) EP3091741	(71) Tessera LLC	(71) QCIP Holdings, LLC
(00) 18.10.2024	(73) Adeia Semiconductor Solutions LLC	(73) QCIP Holdings, LLC
(51) H04N 19/597	(11) EP2700092	(11) EP3446059
H04N 19/52	(00) 14.10.2024	(00) 18.10.2024
H04N 19/58	(51) H01L 21/768	(51) F28D 9/00
H04N 19/573	H01L 23/48	B81B 1/00
(00) Assignment	H01L 23/498	(00) Assignment
(71) Adeia Semiconductor Solutions LLC	(00) Change of Legal Entity	(71) Merck & Cie KmG
(73) Adeia Semiconductor Solutions LLC	(71) Adeia Semiconductor Solutions LLC	(73) Merck & Cie KmG
(11) EP2649640	(73) Adeia Semiconductor Solutions LLC	(11) EP2766364
(00) 14.10.2024	(11) EP2700092	(00) 16.10.2024
(51) H01L 49/02	(00) 14.10.2024	(51) C07D 475/04
H01L 21/768	(51) H01L 21/768	A61K 31/519
H01L 23/48	H01L 23/48	A61P 35/00
H01L 23/64	H01L 23/498	C07K 5/02
(00) Change of owner(s) name	(00) Change of owner(s) name	(00) Change of Legal Entity
(71) Werkhaus GmbH & Co. KG	(71) Werkhaus GmbH & Co. KG	(71) Huntsman Advanced Materials
(73) Werkhaus GmbH & Co. KG	(73) Werkhaus GmbH & Co. KG	(Switzerland) GmbH
(11) EP3428542	(11) EP4026395	(73) Huntsman Advanced Materials
(00) 16.10.2024	(00) 16.10.2024	(Switzerland) GmbH
(51) F24C 15/10	(51) H05B 1/02	(11) EP4168466
F24C 11/00	H05B 6/06	(00) 16.10.2024
F24C 15/20	F24C 7/08	(51) C08G 59/02
(00) Assignment	H04W 4/38	(00) Assignment
(71) Etopia Eco Holdings Limited	(00) Assignment	
(73) Etopia Eco Holdings Limited	(71) Snap Inc.	
	(73) Snap Inc.	

TVH

Topografieën van halfgeleiderproducten.

Depots of topographies of semi-conductor products.

UP1

Europese octrooien met geregistreerde eenheidswerking. European patents with registered Unitary Effect.

(11) EP4136519	(11) EP4232256	(11) EP3854933
(11) EP3480180	(11) EP4232652	(11) EP3798650
(11) EP3860415	(11) EP3340750	(11) EP3766533
(11) EP3273840	(11) EP3440189	(11) EP3935292
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(11) EP3676597	(11) EP4299832	(11) EP3872388
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(11) EP4057887	(11) EP4167599	(11) EP4226429
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(11) EP3949361	(11) EP4159509	(11) EP4198178
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UP2

Europese octrooien met geregistreerd verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie).

European patents with registered request ex Article 52a NL Patent Law 1995 (restoration of validation right).

UP3

Europese octrooien met een geaccepteerd verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie) en complete validatie.

European patents with accepted ex Article 52a NL Patent Law 1995 (restoration of validation right) and validation completed.

UP4

Europese octrooien met een geaccepteerd verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie) en geen complete validatie.

European patents with accepted request ex Article 52a NL Patent Law 1995 (restoration of validation right) and incomplete validation.

UP5

Europese octrooien met een afgewezen verzoek ex. artikel 52a Rijsoctrooiwet 1995 (herstel recht op validatie).

European patents with rejected request ex Article 52a NL Patent Law 1995 (restoration of validation right).

UP6

Europese octrooien met een ingetrokken verzoek ex. artikel 52a Rijksoctrooiwet 1995 (herstel recht op validatie).

European patents with withdrawn request ex Article 52a NL Patent Law 1995 (restoration of validation right).

Orde van Octrooigemachtigden / Netherlands Institute of Patent Attorneys**Inschrijvingen en uitschrijvingen ex art. 27 lid 5 Uitvoeringsbesluit van de Rijksoctrooiwet 1995.
Registrations and deregistrations ex Article 27 par. 5 Patent Rules of the NL Patent Law 1995.**

De inschrijvingen zijn:

- de heer dr. M.C. Schlottke ingeschreven per 27 maart 2024
- de heer ir. M. Croes ingeschreven per 19 juni 2024
- de heer M.J.A. van Dongen MSc. ingeschreven per 19 juni 2024

De uitschrijvingen zijn:

- de heer ir. J.W. Herman de Groot uitgeschreven per 1 januari 2024
- de heer drs. ing. P.G.W. de Weerd uitgeschreven per 22 februari 2024
- de heer J.H. Roskam MSc. uitgeschreven per 1 april 2024
- de heer dr. ir. R.A. Rienksma uitgeschreven per 1 mei 2024
- de heer ir. J.H. Lunshof uitgeschreven per 28 augustus 2024
- mevrouw dr.ir. W.L.M. Weert uitgeschreven per 18 september 2024
- de heer ir. H.J. Theulings uitgeschreven per 17 oktober 2024
- de heer ir. W.H.G. Deguelle uitgeschreven per 17 oktober 2024

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