



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

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

Bijblad

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

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Introduction

Patent Bulletin

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

Official Journal

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

Subscription rates per calendar year:

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Visiting address: **Netherlands Patent Office**

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Iban: NL41INGB070500129

BIC: INGBNL2A

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Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	13 Heading EP2 Contains data concerning European patents granted for The Netherlands.	13
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.

The Netherlands in which an amended translation was filed.

Rubriek SPC

Bevat gegevens betreffende ingeschreven en verleende certificaten

289Heading SPC

Contains data concerning applications for- or granted Supplementary Protection Certificates.

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Rubriek VB1

Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.

290Heading VB1

Contains data concerning requests and notices of opposition under the General administrative law.

290

Rubriek VB2

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

291Heading VB2

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

291

Rubriek MED

Bevat gegevens betreffende overige mededelingen.

292Heading MED

Contains data concerning other communications.

292

Rubriek VRV

Bevat gegevens betreffende verval of nietigverklaring.

293Heading VRV

Contains data concerning lapse or annulment.

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Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

325Heading VRB

Contains data concerning corrections on earlier publications.

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Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

326Heading CO

Contains data concerning changes in the Netherland patent register.

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Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

330Heading TVH

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

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Overzicht van Inid codes

INID CODES

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

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

INID CODES

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

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

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

Rubrieken/Headings

NP1

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

(51) A01C 5/06	(54) MOUTH CLEANING DEVICE, SYSTEM PROVIDED THEREWITH AND METHOD THEREFOR	B65F 3/22
(21) 2023706	(71) Gum Irrigator B.V.	(21) 2023268
(22) 26.08.2019	(74) drs. P.F.H.M. van Someren c.s.	(22) 05.06.2019
(54) Ditching Device for Agricultural Planting	(72) Sophie Antoinette van Dijk	(54) Verdichtingsschroef voor afval- en/of reststoffenverwerking
(71) ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY	(41) 22.12.2020	(71) VDL Translift B.V.
(74) drs. C.M.A. Quintelier	(51) B09B 3/00	(74) ir. A. Blokland c.s.
(72) Congdong Wang	(21) 2023269	(72) Jeroen Willem Scherpenzeel
(41) 22.12.2020	(22) 05.06.2019	(41) 22.12.2020
(51) A01D 45/00	(54) Werkwijze voor het verwerken van een organische bestanddelen bevattend uitgangsmateriaal.	(51) B63B 1/38
A01D 46/24	(71) Elsinga Beleidsplanning en Innovatie B.V.	B63H 21/14
(21) 2023265	(74) ir. A. Blokland c.s.	(21) 2026471
(22) 05.06.2019	(72) Jelle Willem Duindam	(22) 15.09.2020
(54) Harvesting system and greenhouse or field comprising such an harvesting system	Hendrik Willem Elsinga	(54) AIR SUPPLY SYSTEM FOR A HULL OF A VESSEL AND A METHOD FOR OPERATING THE AIR SUPPLY SYSTEM
(71) Starberry Dienstverlening B.V.	Gerrit Joke Elsinga	(71) Maersk A/S
(74) drs. P.F.H.M. van Someren c.s.	Roy Hendrikus Norbertus Morssinkhof	(74) ir. H.A. Witmans c.s.
(72) Hendrik Satter	Willem Elsinga	(72) Mikkel Preem
(41) 22.12.2020	(41) 22.12.2020	(51) B63C 11/52
(51) A01D 46/30	(51) B09C 1/08	B63G 8/00
G05D 1/02	B02C 4/08	F17D 5/02
(21) 1043685	B02C 4/20	(21) 2025790
(22) 10.06.2020	B02C 4/28	(22) 09.06.2020
(54) HARVEST ROBOT SYSTEM	B02C 4/32	(54) INTELLIGENT SYSTEM AND METHOD FOR INSPECTING OFFSHORE OIL AND GAS PIPELINES
(71) Panasonic Intellectual Property Management Co., Ltd.	(21) 2024663	(71) Hainan University
(74) drs. O. Griebeling	(22) 13.01.2020	(74) ir. F.A. Geurts c.s.
(72) Ryou Toshima	(54) METHOD FOR REMEDIATING ORGANOCHLORINE-POLLUTED SOIL AND SOIL PRETREATMENT DEVICE THEREOF	(72) Hui Li
Yoshio Kanata	(71) Anhui University of Science and Technology	Pengxiang Li
Toshiki Moriyama	(74) drs. P.A. van Essen c.s.	(31) 201910503666.1
(31) 2019-110516	(72) Xiaoyang Chen	(32) 12.06.2019
(32) 13.06.2019	Min Chen	(33) China
(33) Japan	Di Zhang	(51) B66B 9/08
(51) A01G 9/22	Jianming Zhu	(21) 2023263
A01G 9/24	(41) 18.12.2020	(22) 05.06.2019
(21) 2023273	(31) CN2019112673823	(54) An apparatus for transporting a load from a first to a second level
(22) 07.06.2019	(32) 11.12.2019	(71) Otolift Traplift B.V.
(54) Kas voorzien van ventilatiesysteem	(33) China	(74) drs. P.F.H.M. van Someren c.s.
(71) Van der Ende Pompen B.V.	(51) B21J 5/02	(72) Michel Alexander Stam
(74) drs. P.F.H.M. van Someren c.s.	B23P 15/10	(41) 22.12.2020
(72) Lex van der Ende	(21) 2024942	(51) C09K 21/14
Ferry van der Ende	(22) 19.02.2020	(21) 2026915
(41) 22.12.2020	(54) Steel Die Forged Piston Trimming and Piercing Device	(22) 17.11.2020
(51) A41D 13/11	(71) Chongqing Vocational Institute of Engineering	(54) THERMAL INSULATION AND FIREPROOF MATERIAL AND PREPARATION THEREOF
A62B 18/02	(74) drs. C.M.A. Quintelier	(71) SOUTHWEST FORESTRY UNIVERSITY
(21) 2025713	(72) Hao Xu	(74) ir. F.A. Geurts c.s.
(22) 29.05.2020	Yifei Xu	(72) Xiaojian Zhou
(54) Gezichtsmasker	Yang Liu	Guanben Du
(71) Johannes Hendrikus Ninaber	(41) 18.12.2020	Jinxing Li
(74) dr. J. van Straaten	(51) B30B 9/12	Jingjing Liao
(72) Johannes Hendrikus Ninaber		Jun Zhang
(51) A61C 17/02		
A61C 17/024		
(21) 2023266		
(22) 05.06.2019		

Taohong Li	Dongdong Wu	(41) 22.12.2020
Nianhua Ou	Yingjun Yang	(51) G01R 31/12
(31) 202010184786.2	Zenghong Wu	(21) 2026660
(32) 17.03.2020	Dexiu Guo	(22) 12.10.2020
(33) China	Haipeng Fan	(54) High-precision Measuring Device for Pre-breakdown Current of Vacuum Chamber and Measuring Method
(51) E03F 5/10	(51) F03D 3/02	(71) Nanjing University of Aeronautics and Astronautics
(21) 2025757	(21) 2026718	Zhejiang Huadian Equipment Testing Institute Co. Ltd
(22) 04.06.2020	(22) 21.10.2020	(74) ir. R. Wijnstra
(54) Multifunctional Combined Landscape Structure Unit For Rainwater Collection and Utilization and Landscape Belt	(54) POWER-ADJUSTABLE VERTICAL-AXIS WIND TURBINE	(72) Shimin Li
(71) NANJING TECH UNIVERSITY	(71) SHANXI PINGYAO REDUCER CO., LTD.	Zhaoqi Du
SOUTHEAST UNIVERSITY	(74) ir. H.A. Witmans c.s.	Wei Yang
(74) ir. W.J.J.M. Kempes	(72) Jingjing Liang	Chaohai Zhang
(72) Yuan Ji	Qihui Wang	Fangfang Wu
Feng Wang	Huanjing Yan	(51) G03F 7/20
Xin Shu	Shiyao Fan	(21) 2025685
Zhixin Xu	Huijing Liang	(22) 26.05.2020
Tianran Hua	Xiaoming Ren	(54) LITHOGRAPHIC PATTERNING DEVICE MULTICHANNEL POSITION AND LEVEL GAUGE
Yusong Zhu	Ning Lv	(71) ASML Holding N.V.
(31) 201910495028.X	Lianbao An	(74) ir. A.J.M. van Hoef
(32) 10.06.2019	Shiming Wen	(72) Yuli Vladimirovsky
(33) China	Tuwei Lv	Lev Ryzhikov
(51) E21B 7/20	Pengjuan Li	(31) 62/861,615
F24T 10/10	Xiaoli Liang	(32) 14.06.2019
E21B 7/26	(51) F16K 15/04	(33) United States of America
(21) 2025824	F16K 27/06	(51) H02M 3/155
(22) 12.06.2020	F16K 31/56	H02M 7/538
(54) Installeren van een ondergrondse leiding van een systeem voor het benutten van geothermische energie (aardwarmte en koude).	F16L 15/08	(21) 2025812
(71) Flow Capital bv	(21) 2025418	(22) 11.06.2020
(74) ir. J.H.W. Assendelft	(22) 24.04.2020	(54) BOOST HALF-BRIDGE INVERTER AND CONTROL CIRCUIT AND METHOD THEREFOR
(72) Philippus Maria Verbeek	(54) Well-sealed Spring Return Ball Valve	(71) ANHUI UNIVERSITY OF TECHNOLOGY
(31) 2023309	(71) Shanghai Shengtang Valve Technology Co., Ltd	(74) dr. G. Visser-Luirink
2023542	(74) J. Hoekstra	(72) Xuefeng Hu
(32) 13.06.2019	(72) Zhongbo Tang	Zhixiang Yu
19.07.2019	(41) 23.12.2020	Yu Cheng
(33) Netherlands	(31) 202010173405.0	Xing Liu
(51) F03D	(32) 12.03.2020	Meng Zhang
(21) 2023264	(33) China	Guanjun Dai
(22) 05.06.2019	(51) F17D 5/02	(31) 201910514920.8
(54) A HORIZONTAL AXIS WIND TURBINE AND METHOD FOR GENERATING ELECTRICAL ENERGY	G01N 29/07	(32) 14.06.2019
(71) Dutch Ventus IP B.V.	G01N 29/36	(33) China
(74) ir. J.C. Volmer c.s.	(21) 2025497	
(72) William Erik van der Schee	(22) 04.05.2020	
Popke Lambert Sjoerd Kiezebrink	(54) AUTOMATED PIPELINE MAINTENANCE USING MULTIPLE PIGS OVER TIME	
Gerrit van Veldhuizen	(71) Halliburton Energy Services, Inc.	
(41) 22.12.2020	(74) mr.ir. F.N. Ferro	
(51) F03D 1/02	(72) Srinivasan Jagannathan	
F03D 15/10	Aurel Adrian Popoviciu	
(21) 2026735	(31) PCT/US19/36706	
(22) 22.10.2020	(32) 12.06.2019	
(54) AMPLITUDE MODULATION TYPE WIND TURBINE	(33) United States of America	
(71) SHANXI PINGYAO REDUCER CO., LTD.	(51) G01J 3/02	
(74) ir. J.C. Volmer c.s.	G01J 3/42	
(72) Huijing Liang	G01N 21/25	
Huanjing Yan	G01N 21/84	
Ning Lv	G01N 21/85	
Yingjing Liang	G01N 33/02	
Qihui Wang	(21) 2023271	
Shiyao Fan	(22) 06.06.2019	
Shiming Wen	(54) Apparatus and method for determining a property of products	
	(71) Aweta G&P B.V.	
	(74) ir. H.A. Witmans c.s.	
	(72) Johannes Cornelis de Geus	
	Valéry Jean Georges Quenon	

NP2

Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.

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

(51) A01C 1/00	Qingmei Jiang	(73) Chongqing Vocational Institute of Engineering
(11) 2025665	(74) dr. T. Wittop Koning PhD	(72) Hao Xu
(47) 22.12.2020	(31) 201910193064.0	Yifei Xu
(22) 25.05.2020	(32) 14.03.2019	Yang Liu
(54) ELASTIC SELF-POSITIONING PRE-DICING DEVICE AND METHOD	(33) China	(74) drs. C.M.A. Quintelier
(73) Qingdao University of Technology	(51) A61C 17/02	(51) B30B 9/12
(72) Changhe Li	A61C 17/024	B65F 3/22
Yali Hou	(11) 2023266	(11) 2023268
(74) dr. J. van Straaten	(47) 22.12.2020	(47) 22.12.2020
(31) 201910452454.5	(22) 05.06.2019	(22) 05.06.2019
(32) 28.05.2019	(54) MOUTH CLEANING DEVICE, SYSTEM PROVIDED THEREWITH AND METHOD THEREFOR	(54) Verdichtingsschroef voor afval- en/of reststoffenverwerking
(33) China	(73) Gum Irrigator B.V.	(73) VDL Translift B.V.
(51) A01C 5/06	(72) Sophie Antoinette van Dijk	(72) Jeroen Willem Scherpenzeel
(11) 2023706	(74) drs. P.F.H.M. van Someren c.s.	(74) ir. A. Blokland c.s.
(47) 22.12.2020	(51) B09B 3/00	(51) B66B 9/08
(22) 26.08.2019	(11) 2023269	(11) 2023263
(54) Ditching Device for Agricultural Planting	(47) 22.12.2020	(47) 22.12.2020
(73) ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY	(22) 05.06.2019	(22) 05.06.2019
(72) Congdong Wang	(54) Werkwijze voor het verwerken van een organische bestanddelen bevattend uitgangsmateriaal.	(54) An apparatus for transporting a load from a first to a second level
(74) drs. C.M.A. Quintelier	(73) Elsinga Beleidsplanning en Innovatie B.V.	(73) Otolift Trapliften B.V.
(51) A01D 45/00	(72) Jelle Willem Duindam	(72) Michel Alexander Stam
A01D 46/24	Hendrik Willem Elsinga	(74) drs. P.F.H.M. van Someren c.s.
(11) 2023265	Gerrit Joke Elsinga	(51) F03D
(47) 22.12.2020	Roy Hendrikus Norbertus Morssinkhof	(11) 2023264
(22) 05.06.2019	Willem Elsinga	(47) 22.12.2020
(54) Harvesting system and greenhouse or field comprising such an harvesting system	(74) ir. A. Blokland c.s.	(22) 05.06.2019
(73) Starberry Dienstverlening B.V.	(51) B09C 1/08	(54) A HORIZONTAL AXIS WIND TURBINE AND METHOD FOR GENERATING ELECTRICAL ENERGY
(72) Hendrik Satter	B02C 4/08	(73) Dutch Ventus IP B.V.
(74) drs. P.F.H.M. van Someren c.s.	B02C 4/20	(72) William Erik van der Schee
(51) A01G 9/22	B02C 4/28	Popke Lambert Sjoerd Kiezebrink
A01G 9/24	B02C 4/32	Gerrit van Veldhuizen
(11) 2023273	(11) 2024663	(74) ir. J.C. Volmer c.s.
(47) 22.12.2020	(47) 08.12.2020	(51) F16K 15/04
(22) 07.06.2019	(22) 13.01.2020	F16K 27/06
(54) Kas voorzien van ventilatiesysteem	(54) METHOD FOR REMEDIATING ORGANOCHLORINE-POLLUTED SOIL AND SOIL PRETREATMENT DEVICE THEREOF	F16K 31/56
(73) Van der Ende Pompen B.V.	(73) Anhui University of Science and Technology	F16L 15/08
(72) Lex van der Ende	(72) Xiaoyang Chen	(11) 2025418
Ferry van der Ende	Min Chen	(47) 23.12.2020
(74) drs. P.F.H.M. van Someren c.s.	Di Zhang	(22) 24.04.2020
(51) A01G 25/02	Jianming Zhu	(54) Well-sealed Spring Return Ball Valve
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Haider, Stefan	Universitätsklinikum Erlangen	CELLIER, Matthieu
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C09D 11/103	2015153234	(73) SMS Group GmbH
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B32B 27/00	B24B 31/00	B21C 47/32
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(22) 10.01.2018	(54) MOBILE SYSTEM FOR CLEANING A	RELATED METHOD OF OPERATION
(54) METHOD FOR PRODUCING ANTI-	VESSEL	(73) Mino S.P.A.
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		(54) METHOD FOR SPATIALLY
		ARRANGING COILS IN A COIL
		STORE AND COMBINATION OF A

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(73) Asco Biegetechnik Gmbh	(73) Impression Technologies Limited	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) MATTHÄSS, Sylvio	(72) ADAM, George J.S.	(72) EGAWA, Tetsuji
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(72) JUNGMAIR, Thomas	(54) METHOD FOR PRODUCING A BOURDON TUBE	(73) Omron Corporation
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(51) B21D 22/16	(73) ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS (ARMINES)	(72) SATOH, Gen
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C22F 1/04	B32B 15/01	AOKI, Cyuya
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(51) B21K 1/76	NARROW SIDE OF A CONTINUOUS	(72) ANDREUSSI, Alberto
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GOTO Kazuya	(73) Seco Tools AB	Verdi, Michele
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(73) Top Automazioni S.R.L.	(73) R.M. Stampi S.r.l.	(72) ONODERA, Mitsuharu
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B23K 35/365	(72) AZUMA, Tsutomu	(51) B23K 26/16
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(72) FURUMURA, Hiroki	H01L 23/473	(72) WU, Ruimin
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JIGAMI, Tetsuya	D06N 3/14	MANI, Joseph
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(51) B41J 2/045 (11) EP2588321 (21) EP11801360.6 (47) 23.12.2020 (87) US2011042375 05.01.2012 (22) 29.06.2011 (54) DETERMINING WHETHER A FLOW PATH IS READY FOR EJECTING A DROP (73) Fujifilm Dimatix, Inc. (72) HOISINGTON, Paul, A. OTTOSSON, Mats, G. BARSS, Steven, H. (31) 829288 (32) 01.07.2010 (33) United States of America	(51) B41J 2/14 B41J 2/145 B41J 2/155 B41J 2/165 B41J 11/00 (11) EP3148812 (21) EP14893601.6 (47) 23.12.2020 (87) US2014040330 03.12.2015 (22) 30.05.2014 (54) SHROUD FOR A PRINTHEAD ASSEMBLY MODULE AND PRINTHEAD ASSEMBLY MODULE (73) Hewlett-Packard Development Company, L.P. (72) ENDER, Ronald J. DOWELL, Daniel D.	(51) B41J 2/32 B41J 2/325 B41J 25/34 B41J 29/00 B41J 29/13 (11) EP3513979 (21) EP17850674.7 (47) 23.12.2020 (87) JP2017030687 22.03.2018 (22) 28.08.2017 (54) PRINTER (73) Sato Holdings Kabushiki Kaisha (72) HOSHI, Kazuyuki (31) 2016178455 2016245499 (32) 13.09.2016 19.12.2016 (33) Japan Japan
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(47) 23.12.2020	(54) DETERMINING INSUFFICIENT	(54) THERMAL TRANSFER PRINTER AND
(87) GB2015051229	SUCTION FORCE	LABELLING MACHINE
05.11.2015	(73) Hewlett-Packard Development Company,	(73) Videojet Technologies Inc.
(22) 28.04.2015	L.P.	(72) MCNESTRY, Martin
(54) PRINTING ON CYLINDRICAL OBJECTS	(72) VERDUGO, Antonio Gracia	HART, Philip
(73) Tonejet Limited	FILGUEIRA, Aleix Fort	(31) 201318042
(72) CLIPPINGDALE, Andrew John	GUILLO, Norman	201318176
SHARP, John Lawton	(51) B41J 11/00	201318581
EDWARDS, Simon	B41J 13/00	(32) 11.10.2013
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(32) 28.04.2014	B41J 13/26	21.10.2013
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(51) B41J 3/407	B65H 29/12	United Kingdom
B41J 11/00	B65H 29/24	United Kingdom
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(22) 03.02.2017	(47) 23.12.2020	(21) EP18700329.8
(54) PRINTING METHOD AND PRINTING	(22) 10.07.2017	(47) 23.12.2020
DEVICE	(54) POST-PROCESSING DEVICE AND	(87) EP2018050550
(73) A. Schmidt e.K.	RECORDING APPARATUS	19.07.2018
(72) Schmidt, Andreas	(73) Seiko Epson Corporation	(22) 10.01.2018
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(32) 05.02.2016	HARADA, Yutaro	PRINTING, COMPRISING A CATIONIC
(33) Germany	ADACHI, Hirohisa	AGENT
(51) B41J 3/407	(31) 2016138256	(73) Ahlstrom-Munksjö Oyj
B41J 11/00	(32) 13.07.2016	(72) MAYADE, Thierry
B41J 11/42	(33) Japan	(31) 1750252
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(47) 23.12.2020	(21) EP19155998.8	B65D 83/08
(22) 18.05.2018	(47) 23.12.2020	B65D 85/62
(54) PRINTING APPARATUS AND METHOD	(22) 07.02.2019	(11) EP3419834
FOR MEASURING DIFFERENCE IN	(54) PRINTING SYSTEM AND METHOD OF	(21) EP17757039.7
BELT MOVING AMOUNT	CONTROLLING PRINTING SYSTEM	(47) 23.12.2020
(73) Seiko Epson Corporation	(73) Mimaki Engineering Co., Ltd.	(87) US2017018599
(72) KOJIMA, Kenji	(72) FUKUOKA, Yoriko	31.08.2017
(31) 2017099543	(31) 2018025448	(22) 20.02.2017
(32) 19.05.2017	(32) 15.02.2018	(54) ASSEMBLY FOR DISPENSING FULL
(33) Japan	(33) Japan	ADHESIVE NOTES
(51) B41J 3/407	(51) B41J 15/16	(73) 3M Innovative Properties Company
G01N 21/90	B65H 23/16	(72) BODZIAK, Douglas P.
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(22) 01.08.2016	(87) JP2016003833	(32) 22.02.2016
(54) DIRECT PRINTING MACHINE,	02.03.2017	(33) United States of America
AND METHOD FOR PRINTING	(22) 23.08.2016	(51) B42D 25/324
CONTAINERS USING DIRECT	(54) PRINTING DEVICE	B42D 25/328
PRINTING	(73) Seiko Epson Corporation	(11) EP3242801
(73) Kronos AG	(72) ARAI, Mayu	(21) EP16700327.6
(72) GERTLOWSKI, Georg	KATO, Junya	(47) 23.12.2020
LINDNER, Peter	(31) 2015166481	(87) EP2016050092
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(33) Germany	(51) B41J 17/36	(54) METHOD OF PRODUCING A
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(32) 09.01.2015	ALUMINOSILICATE PARTICLES	(32) 25.01.2016
(33) Germany	HAVING EXCELLENT DISPERSIBILITY,	(33) Korea (Republic)
(51) B43K 8/02	RUBBER-REINFORCING MEMBER	(51) B60C 11/03
C09D 11/00	COMPRISING ALUMINOSILICATE	(11) EP3369590
C09D 11/10	PARTICLES, AND RUBBER	(21) EP16859997.5
C09D 11/16	COMPOSITION COMPRISING SAME	(47) 23.12.2020
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(22) 08.09.2016	LEE, Ha Na	(54) PNEUMATIC TIRE FOR
(54) WRITING, MARKING AND/OR SYMBOL	KIM, Woo Seok	MOTORCYCLES
LIQUID FOR WRITING INSTRUMENTS,	JUN, Shin Hee	(73) Bridgestone Corporation
IN PARTICULAR FOR CAPILLARY	OH, Myounghwan	(72) TOKITOH Yasufumi
WRITING INSTRUMENTS, AND	(31) 20160145231	TAKAHASHI Junichi
WRITING INSTRUMENT	(32) 02.11.2016	ITOI, Dyta
(73) Faber-Castell AG	(33) Korea (Republic)	NAKAMURA Takamitsu
(72) Schwarz, Wolfgang	(51) B60C 1/00	(31) 2015212746
Lugert, Gerhard	C08F 2/00	2015225219
Goschala, Concetta	C08F 212/08	2015225221
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(54) BEARING FOR WHEEL, AND BEARING	30.11.2017	B60C 11/12
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(72) MOCHINAGA, Shuji	STYRENE-BUTADIENE RUBBER-	(47) 23.12.2020
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(32) 30.10.2012	THEREFOR	(72) KOIKE, Hiroki
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B60B 35/08	(72) ZHANG, Liquan	(51) B60D 1/06
B60B 35/14	QIN, Xuan	B60R 9/06
B60B 35/16	HAN, Bingyong	B60R 9/10
B60G 9/00	MAO, Lixin	(11) EP3650274
B60G 11/113	WU, Xiaohui	(21) EP19150405.9
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(54) AXIAL COMPONENT FOR A	(32) 24.05.2016	(72) Li, Xianwei
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11.05.2018	Cho, Hyun ran	TRANSPORTATION VEHICLE FOR
(22) 18.10.2017	Park, Il Yong	

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(73) Klein, Stefan	(72) GUEST, Philip	(33) Japan
(72) Klein, Stefan	WALTERS, Jason	(51) B60J 1/00
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(87) US2016021668	(11) EP3581409	WITH A PASSAGE FOR FIXING A
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(33) United States of America	B60H 1/32	DOORS
(51) B60G 13/06	B60K 1/00	(73) Grupo Antonlín-Ingeniería, S.A.
B60G 17/018	B60K 11/02	(72) Gómez Cámara, David
B60P 1/04	B60K 11/04	Pérez Azcona, Jorge
B60P 5/00	F01P 3/12	(51) B60J 5/04
G01G 19/02	F01P 3/18	B60J 10/00
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(54) LOAD MEASURING DEVICE FOR	H01M 10/663	04.06.2015
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(73) Hitachi Construction Machinery Co., Ltd	(21) EP17824627.8	(54) SOUND INSULATION MEMBER, AND
(72) MINOSHIMA Toshikazu	(47) 23.12.2020	VEHICULAR DOOR STRUCTURE
(51) B60G 17/015	(87) SE2017050693	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
B60G 17/016	11.01.2018	VTEC CO., LTD.
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B60G 17/052	(54) A COOLING SYSTEM FOR A HYBRID	(72) TOYOTA, Masaru
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(22) 22.05.2014	(32) 07.07.2016	(32) 28.11.2013
(54) METHOD TO CONTROL THE	(33) Sweden	(33) Japan
TRACTION OF A PNEUMATICALLY	(51) B60H 1/00	(51) B60J 5/10
SUSPENDED VEHICLE AND	F04D 25/16	(11) EP3539807
PNEUMATIC SPRING SYSTEM TO	F04D 29/42	(21) EP19160545.0
IMPLEMENT THIS METHOD	F04D 29/58	(47) 23.12.2020
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18.09.2014	AIR CONDITIONING	(33) France
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(54) RIDE HEIGHT CONTROL SYSTEM OF	(72) HIRA, Taisuke	B60J 10/70
A VEHICLE AND METHOD	KAMOTO, Keigo	(11) EP3063029
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(73) CQLT SaarGummi Technologies S.à.r.l.	(72) ROOK, David Alan	H01H 1/58
(72) KAST, Christian	BRINDLE, Jeff	H01H 9/08
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(22) 17.04.2019	(21) EP17741333.3	(54) ELECTRICAL CONNECTION DEVICE WITH BUILT-IN LOCKOUT FUNCTION
(54) VEHICLE BODY FRONT STRUCTURE FOR ELECTRIC VEHICLE	(47) 23.12.2020	(73) Renault S.A.S.
(73) Honda Motor Co., Ltd.	(87) JP2017001166	Nissan Motor Co. Ltd
(72) SASAKI, Tomomi	27.07.2017	(72) ROUDIER, Sébastien
OZAWA, Hiroyuki	(22) 16.01.2017	BONNARD, Sylvain
MURAKAMI, Masakuni	(54) HEAD-UP DISPLAY DEVICE AND LENS UNIT	JOVET, Igor
(31) 2018081188	(73) Nippon Seiki Co., Ltd.	(31) 1750800
(32) 20.04.2018	(72) HARUYAMA, Hiroteru	(32) 31.01.2017
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B60K 17/35	(32) 19.01.2016	B60L 15/20
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(73) Deere & Company	(11) EP3459087	B60W 20/14
(72) Lang, Matthias	(21) EP17726773.9	B60L 50/15
Gugel, Rainer	(47) 23.12.2020	B60L 50/16
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B60W 10/16	SHRESTHA, Subash	(22) 15.02.2019
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B60T 17/22	B60T 17/16	B60W 50/00
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ELECTRONICALLY CONTROLLABLE	(73) New York Air Brake, LLC	(11) EP3377381
BRAKING SYSTEM	(72) CALL, Derick	(21) EP16866758.2
(73) WABCO GmbH	(51) B60T 17/00	(47) 23.12.2020
(72) VAN THIEL, Julian	B61H 1/00	(87) SE2016051145
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(33) Germany	(47) 23.12.2020	(54) METHOD AND SYSTEM FOR
(51) B60T 13/66	(87) EP2014002249	DETERMINING ENGINE OPERATION
B60T 13/68	19.02.2015	PARAMETER VALUES DURING A
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(11) EP3526500	PNEUMATIC BRAKE CYLINDERS	(72) BRISCHETTO, Mathias
(21) EP17757725.1	(73) KNORR-BREMSE Systeme für	JACOBSSON, Susanna
(47) 23.12.2020	Schienenfahrzeuge GmbH	STENLÅAS, Ola
(87) EP2017070742	(72) ELSTORPFF, Marc-Gregory	(31) 1551488
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(22) 16.08.2017	STEGMANN, André	(33) Sweden
(54) SOLENOID VALVE AND HYDRAULIC	FUDERER, Erich	(51) B60W 30/14
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(73) Robert Bosch GmbH	JUNG, Alexander	F16H 61/02
(72) KRATZER, Dietmar	(31) 102013013637	F16H 61/10
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(21) EP15753453.8	(54) BRAKE HOSE SUPPORT STRUCTURE	FOR VEHICLE
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(87) IB2015055019	(73) KABUSHIKI KAISHA TOYOTA	(72) KUMAZAKI, Kenta
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(73) Freni Brembo S.p.A.	(33) Japan	(51) B60W 30/14
(72) SALA, Paolo	(51) B60W 10/02	G08G 1/16
PAGANI, Luca	B60W 10/06	B60W 30/095
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(54) COLLISION AVOIDANCE ASSISTANCE DEVICE FOR A VEHICLE	(73) KNORR-BREMSE Systeme für Schienenfahrzeuge GmbH	(33) Korea (Republic)
(73) Toyota Jidosha Kabushiki Kaisha	(72) LEHMAIR, Martin	(51) B62D 1/181
(72) MORALES TERAOKA, Edgar Yoshio	(72) NIES, Eduard	(11) EP3571110
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(51) B61D 17/00	(31) 182217 P	(54) RACK-AND-PINION STEERING SYSTEM FOR A MOTOR VEHICLE HAVING A WORM GEAR SET
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(73) Bombardier Transportation GmbH	B61L 29/28	H02P 6/182
(72) MAASS, Jörg-Torsten	G08B 5/38	H02P 21/18
SENGE, Jakob	G08G 1/00	H02P 29/032
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(21) EP18702149.8	EMITTER, LIGHT SIGNAL EMITTER	(72) ITAMOTO, Hidenori
(47) 23.12.2020	WITH SUCH A UNIT AND METHOD	KAGEYAMA, Takashi
(87) EP2018051204	FOR MONITORING A LED STRAND OF	HIBI, Toshie
26.07.2018	A LED UNIT	TOMITA, Akihiro
(22) 18.01.2018	(73) Pintsch GmbH	(31) 2017215014
(54) BRAKE CALIPER UNIT	(72) ULMER, Helmut	(32) 07.11.2017
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(72) MÜLLEK, Ferenc	(32) 29.07.2014	(51) B62D 5/04
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(22) 13.04.2016	KIM, Kyung Min	
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(51) B62D 5/04 H02P 27/08 H02M 7/5387	(11) EP3543088 (21) EP18168877.1 (47) 23.12.2020 (22) 24.04.2018 (54) ATTACHMENT DEVICE, SYSTEM AND VEHICLE WITH SUCH AN ATTACHMENT DEVICE, AS WELL AS USE OF THE SAME	(31) 201161519564 P (32) 25.05.2011 (33) United States of America
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(73) thyssenkrupp Presta AG thyssenkrupp AG (72) ORDASI, Gabor	(31) 201810239069 (32) 22.03.2018 (33) China	(73) Bayerische Motoren Werke Aktiengesellschaft (72) DRESSLER, Matthias (31) 102016219608 (32) 10.10.2016 (33) Germany
(51) B62D 5/04 H02P 27/08 H02P 6/14 H02P 6/15 H02P 29/50	(11) EP3357800 (21) EP18155579.8 (47) 23.12.2020 (22) 07.02.2018 (54) MOTOR VEHICLE WITH A STERN COVER	(51) B62K 5/08 B62K 5/027 B62K 5/05 B62K 5/10 (11) EP3578449 (21) EP18801642.2 (47) 23.12.2020 (87) JP2018017384 22.11.2018 (22) 01.05.2018 (54) LEANING VEHICLE (73) Yamaha Hatsudoki Kabushiki Kaisha (72) SHIBUYA, Yu (31) 2017099516 (32) 19.05.2017 (33) Japan
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(72) MORI, Tatsuya KIFUKU, Takayuki FURUKAWA, Akira	(31) 102017201860 (32) 07.02.2017 (33) Germany	(31) 201514752313 (32) 26.06.2015 (33) United States of America
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(22) 30.03.2016	SYSTEM FOR SEABORNE VESSELS	(72) TAMURA Gakuji
(54) SPINNAKER LAUNCHING AND/OR	(73) Fugro Chance, Inc.	WATANABE Jun
RECOVERING SYSTEM AND METHOD	(72) ROBIDEAUX, John Darius	WAKAHARA Hiroaki
AND A SAILBOAT COMPRISING THE	MARTIN, Dickie Andrew	HARA Naohiro
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(73) PT TECH, LLC	RUDDER SYSTEM	(51) B64C 1/18
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(51) B63B 27/34	B63H 25/02	UPPER MODULE AND AT LEAST ONE
F16L 11/04	B63H 25/42	BOTTOM MODULE
F16L 11/10	(11) EP3105117	(73) Airbus (S.A.S.)
F16L 11/11	(21) EP15748631.7	(72) BRINDEAU, Jean-Mickael
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G01C 21/20	G01D 5/00	WITH A BATTERY ARRANGEMENT
G08C 17/02	G05D 1/00	INTEGRATED THEREIN
G01S 19/48	G05D 1/02	(73) Airbus Defence and Space GmbH
G06F 17/00	(11) EP3210879	(72) Zimmermann, Kristian
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(72) THEURICH, Frank	G01V 3/08	B64D 35/08
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(33) United States of America	(51) B64D 11/00	MENHEERE, David
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(72) Volohovs, Dmitrijs	(32) 25.05.2018	OCAK, Ilker Ender
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CRUSHING PROTECTION OF THE	(22) 02.02.2018	(21) EP13706532.2
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SIEGEL, Tom	CONTAINER IN A BEVERAGE	G01N 29/02
KALI, Eddie	DISTRIBUTION UNIT	G01N 29/036
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BALSTAD, Robert	(72) RASMUSSEN, Jan Nørager	(21) EP15880049.0
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C09K 3/14	G03F 7/00	C08L 101/00
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USE THEREOF	(54) SELF ASSEMBLED PATTERNING	17.01.2019
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(72) BERGER, Georg	(72) WU, Yir-Shyuan	CONDUCTIVE MATERIAL, DEVICE
SPITZER, Andrea	LIN, Yan-You	PROVIDED WITH THERMALLY
NICOLAIDES, Dagmar	BOWEN, M. Shane	CONDUCTIVE LAYER
GÜNSTER, Jens	DELATTRE, Cyril	(73) FUJIFILM Corporation
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(54) PREPARATION OF POROUS SILICON	(21) EP13153848.0	(87) EP2016078174
(99.99AT%) BY ELECTRO-OXYDATION	(47) 23.12.2020	26.05.2017
OF METALLURGICAL GRADE SILICON	(22) 04.02.2013	(22) 18.11.2016
(73) Université de Rennes I	(54) Method of forming a target and	(54) ELECTROMAGNETIC FIELD
CENTRE NATIONAL DE LA	depositing doped dielectric films by	GENERATOR SYSTEM WITH
RECHERCHE SCIENTIFIQUE	sputtering	CURRENT FREQUENCY SWITCHING
(C.N.R.S.)	(73) NXP USA, Inc.	(73) Lagur ApS
(72) JOUIKOV, Viatcheslav	(72) Zelner, Marina	(72) RENÉ NIELSEN, Olav
ZIZUMBO-LOPEZ, Arturo	Cervin-Lawry, Andrew Vladimir Claude	(31) 15195331
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(54) PROCESS AND SYSTEM FOR	(47) 23.12.2020	INHIBITING THE DEPOSITION OF
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HAHN, Jochem	TITANIUM OXIDE, PROCESS FOR	DUROCHER, David
(31) 102015209008	PRODUCING THE SAME, AND	PRZYBYLA, David, E.
(32) 15.05.2015	COATING COMPOSITION CONTAINING	LEUNG, Victor
(33) Germany	THE SAME	DECKER, Gunter
(51) C01F 7/02	(73) Tayca Corporation	(31) 201161475531 P
H01M 2/16	(72) YOKOYAMA, Nobuyuki	201161494132 P
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H01M 4/62	(33) Japan	(33) United States of America
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H01M 4/139	C01G 45/12	(51) C03B 5/235
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(11) EP3401281	H01M 4/36	C03B 37/04
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15.03.2018	H01M 4/505	D02J 13/00
(22) 06.09.2017	H01M 4/525	D04H 3/02
(54) ALUMINA POWDER, ALUMINA	H01M 10/052	D04H 3/12
SLURRY, ALUMINA-CONTAINING	(11) EP2738844	D04H 3/004
COATING LAYER, MULTILAYER	(21) EP12833888.6	(11) EP3414208
SEPARATION MEMBRANE AND	(47) 23.12.2020	(21) EP16829911.3
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C01G 23/00	LEE, Hyun Seok	Georges Claude
C01G 25/00	LEE, Youn Kyoung	(72) JARRY, Luc
C01G 33/00	AHN, Ji Hee	JOUMANI, Youssef
C01G 35/00	HAH, Hoe Jin	BEASSE, Grégoire

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(54) DEVICE AND METHOD FOR	C03C 4/08	27.04.2017
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ITEM BY CONTROLLED BLOWING	F24S 80/50	(54) HIGH TRANSMISSION LIGHT GUIDE
(73) Pochet du Courval	F24S 80/52	PLATES
(72) LOPEZ, Antoine	(11) EP2756237	(73) Corning Incorporated
PRUVOST, Marc	(21) EP12761719.9	(72) ASHTON-PATTON, Melissann Marie
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(47) 23.12.2020	OF QUARTZ GLASS	(33) United States of America
(22) 30.03.2017	(73) Heraeus Quarzglas GmbH & Co. KG	United States of America
(54) METHOD FOR PRODUCING A	(72) BECKER, Klaus	(51) C03C 17/23
COMPONENT MADE OF RARE EARTH	HOFMANN, Achim	C03C 17/245
DOPED QUARTZ GLASS	HÜNERMANN, Michael	C03C 17/34
(73) Heraeus Quarzglas GmbH & Co. KG	SCHENK, Christian	C03C 17/36
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(47) 23.12.2020	PREFORM AND DOPED OPTICAL	KHARCHENKO, Andriy
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(54) METHOD FOR MANUFACTURING	(72) DU, Cheng	(33) France
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METHOD FOR MANUFACTURING	YAN, Lei	C23C 14/04
SCINTILLATOR PANEL, THREE-	ZHANG, Tao	C23C 14/08
DIMENSIONAL STRUCTURE, AND	CHEN, Chao	C23C 14/20
SCINTILLATOR PANEL	KE, Yili	C23C 14/34
(73) Toray Industries, Inc.	KONG, Ming	C23C 14/56
(72) TANINO, Takahiro	ZHANG, Jie	G02F 1/153
HAMANO, Tsubasa	LIU, Zhijian	G02F 1/15
FUJIOKA, Nobuyasu	LIU, Lifeng	(11) EP3516087
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AND METHOD FOR CERAMIC MATRIX	(73) Prysmian S.p.A.	(32) 23.09.2016
COMPOSITES	(72) COCCHINI, Franco	(33) United States of America
(73) United Technologies Corporation	ADIGRAT, Antonio	(51) C04B 24/26

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PREPARATION THEREOF	(72) BEALL, Douglas Munroe	(87) EP2014073259
(73) Devine Chemicals Limited	CRUME, Gregg William	07.05.2015
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(54) METHOD OF PRODUCTION OF A	02.06.2016	European Patent Office (EPO)
MINERAL FOAM OBTAINED FROM A	(22) 04.11.2015	(51) C04B 35/80
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STRESS	CERAMIC, BARIUM TITANATE	F01D 5/28
(73) Holcim Technology Ltd	SEMICONDUCTOR CERAMIC	F01D 9/04
(72) JEZEQUEL, Pierre-Henri	COMPOSITION, AND PTC	F01D 11/00
DALAS, Florent	THERMISTOR FOR TEMPERATURE	B29D 99/00
LE-CHIEN, Hoang	DETECTION	(11) EP3450695
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C08F 4/70	(72) KO, Soobyung	(73) Samsung Electronics Co., Ltd.

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MOLDED ARTICLE	RESIN CONTAINING NON-PHTHALATE	(21) EP16172860.5
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(72) TAIRA Seiichi	COMPOSITION CONTAINING SUCH	(22) 03.06.2016
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NAKAMURA Shoichiro	(73) New Japan Chemical Co., Ltd.	PARTICULARLY AS DAMPING
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DE ANGELIS, Alberto Renato	C10N 30/00	LANT, Neil Joseph
ASSANELLI, Giulio	C10N 30/06	SOUTER, Philip Frank
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C10G 69/06	(72) NORRIS, Paul	C11D 11/00
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QIN, Haihu	PROCESSING ORGANIC MATERIAL	SUGAR-LEVEL MEASUREMENT
DEY, Sanjeev Kumar	IN MIXED METHANE (CH ₄) AND / OR	CHIP, AND BLOOD-SUGAR-LEVEL
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C22C 38/58	C22C 38/24	SUZUKI, Yoshitsugu
(11) EP3415656	C22C 38/26	MASUOKA, Hiroyuki
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(32) 25.12.2015	C22C 38/04	(32) 17.02.2017
(33) Japan	C22C 38/06	(33) Japan
(51) C21D 6/00	(11) EP3140430	(51) C21D 8/12
C21D 8/02	(21) EP15732342.9	C21D 9/46
C21D 9/46	(47) 23.12.2020	C22C 38/00
C22C 38/18	(87) IB2015053323	C22C 38/02
C22C 38/26	12.11.2015	C22C 38/04
C22C 38/28	(22) 07.05.2015	C22C 38/06
C22C 38/30	(54) PROCESS FOR THE PRODUCTION OF	C22C 38/60
C22C 38/32	GRAIN NON- ORIENTED ELECTRIC	H01F 1/147
C22C 38/50	STEEL STRIP, WITH A HIGH DEGREE	H01F 1/16
C22C 38/52	OF COLD REDUCTION	(11) EP3536813
(11) EP3124635	(73) Rina Consulting - Centro Sviluppo	(21) EP17866783.8
(21) EP15768500.9	Materiali S.p.A.	(47) 23.12.2020
(47) 23.12.2020	(72) FORTUNATI, Stefano	(87) JP2017039617
(87) JP2015059470	(31) RM20140231	11.05.2018
01.10.2015	(32) 08.05.2014	(22) 01.11.2017
(22) 26.03.2015	(33) Italy	(54) METHOD FOR PRODUCING GRAIN-
(54) ROLLED FERRITIC STAINLESS STEEL	(51) C21D 7/06	ORIENTED ELECTRICAL STEEL
SHEET, METHOD FOR PRODUCING	G01N 27/90	SHEET
THE SAME, AND FLANGE PART	(11) EP3333572	(73) JFE Steel Corporation
(73) Nippon Steel & Sumikin Stainless Steel	(21) EP16832607.2	(72) TAKENAKA Masanori
Corporation	(47) 23.12.2020	IMAMURA Takeshi
(72) HAMADA, Junichi	(87) JP2016066920	EHASHI Yuiko
ITO, Koji	09.02.2017	YAMAGUCHI Hiroi
(31) 2014064779	(22) 07.06.2016	(31) 2016214617
(32) 26.03.2014	(54) SURFACE CHARACTERISTICS	(32) 01.11.2016
(33) Japan	INSPECTION METHOD FOR	(33) Japan
(51) C21D 6/00	INSPECTING A HEAT TREATMENT	(51) C21D 9/00
C21D 8/12	FOR STEEL PRODUCTS	F04B 27/08
C21D 9/46	(73) Sintokogio, Ltd.	F16C 33/10
C22C 38/00	(72) MAKINO, Yoshiyasu	F16C 33/14
C22C 38/02	(31) 2015156263	(11) EP2600016
C22C 38/04	(32) 06.08.2015	(21) EP11812118.5
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C22C 38/14	C22C 38/00	(22) 22.03.2011
C22C 38/16	C22C 38/02	(54) SLIDING MEMBER AND METHOD FOR
C22C 38/18	C22C 38/04	PRODUCING SAME
C22C 38/20	C22C 38/06	(73) Taiho Kogyo Co., Ltd
C22C 38/22	C22C 38/08	(72) NOMURA, Satoshi
C22C 38/28	C22C 38/12	HATTA, Masaharu
C22C 38/32	C22C 38/14	KANEMITSU, Hiroshi
C22C 38/34	C22C 38/16	(31) 2010167816
C22C 38/40	C22C 38/20	(32) 27.07.2010
C22C 38/60	C22C 38/22	(33) Japan
H01F 1/16	C22C 38/24	(51) C21D 9/08
(11) EP3309271	C22C 38/28	C22C 38/00
(21) EP16807130.6	C22C 38/32	C22C 38/02
(47) 23.12.2020	C22C 38/34	C22C 38/04
(87) JP2016002796	C22C 38/38	C22C 38/06
15.12.2016	C22C 38/60	C22C 38/42
(22) 09.06.2016	(11) EP3584337	C22C 38/44
(54) ORIENTED ELECTROMAGNETIC	(21) EP18753529.9	C22C 38/46
STEEL SHEET AND METHOD FOR	(47) 23.12.2020	C22C 38/48
PRODUCING SAME	(87) JP2018004043	C22C 38/50
(73) JFE Steel Corporation	23.08.2018	C22C 38/52
(72) SHINGAKI, Yukihiro	(22) 06.02.2018	C22C 38/54
HAYAKAWA, Yasuyuki	(54) HIGH STRENGTH HOT-ROLLED	(11) EP3460087
TAKENAKA, Masanori	STEEL SHEET AND METHOD FOR	(21) EP17799507.3
(31) 2015116894	PRODUCING SAME	(47) 23.12.2020
(32) 09.06.2015	(73) JFE Steel Corporation	(87) JP2017018804
(33) Japan	(72) YAMAZAKI Kazuhiko	23.11.2017
(51) C21D 6/00	TOYODA Shunsuke	(22) 19.05.2017
C21D 8/12	MORIYASU Noriaki	(54) STEEL BAR FOR DOWNHOLE
C22C 38/00	KAIHO Sumio	MEMBER AND DOWNHOLE MEMBER
C22C 38/02	(31) 2017027510	(73) Nippon Steel Corporation

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(51) C21D 9/46 C23C 22/00 C23C 22/07 C23C 22/12 C23C 22/42 H01F 1/18 (11) EP3346025 (21) EP16841940.6 (47) 23.12.2020 (87) JP2016075596 09.03.2017 (22) 01.09.2016 (54) INSULATIVE COATING PROCESSING LIQUID AND METHOD FOR MANUFACTURING METAL HAVING INSULATIVE COATING (73) JFE Steel Corporation (72) TERASHIMA Takashi SUEHIRO Ryuichi WATANABE Makoto TAKAMIYA Toshito (31) 2015173143 (32) 02.09.2015 (33) Japan	(11) EP3592878 (21) EP18730227.8 (47) 23.12.2020 (87) EP2018062491 14.02.2019 (22) 15.05.2018 (54) HOT-DIP GALVANIZING METHOD, CARRYING AND/OR HOLDING MEANS FOR THE HOT-DIP GALVANIZING AND METHOD OF COATING THE CARRYING AND/OR HOLDING MEANS (73) Fontaine Holdings NV (72) PINGER, Thomas (31) 102017117860 102017008098 102017120782 (32) 07.08.2017 29.08.2017 08.09.2017 (33) Germany Germany Germany	(51) C23C 16/26 H01M 4/04 H01M 4/36 H01M 4/62 H01M 4/131 H01M 4/1391 H01M 4/48 H01M 4/485 H01M 10/0525 C01B 32/05 C01B 32/10 (11) EP3598540 (21) EP18794327.9 (47) 23.12.2020 (87) KR2018003627 08.11.2018 (22) 27.03.2018 (54) ANODE ACTIVE MATERIAL, ANODE COMPRISING ANODE ACTIVE MATERIAL, SECONDARY BATTERY COMPRISING ANODE, AND METHOD FOR PREPARING ANODE ACTIVE MATERIAL (73) LG Chem, Ltd. (72) KIM, Dong Hyuk KIM, Eun Kyung LEE, Yong Ju JO, Rae Hwan CHOI, Jung Hyun (31) 20170057049 (32) 04.05.2017 (33) Korea (Republic)
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(54) SUSPENSION PLASMA SPRAY ABRADABLE COATING FOR CANTILEVER STATOR	C25B 9/18 C25B 15/08	(54) GALLIUM NITRIDE SELF-SUPPORTING SUBSTRATE, LIGHT-EMITTING DEVICE AND MANUFACTURING METHOD THEREFOR
(73) United Technologies Corporation	(11) EP3430182	(73) NGK Insulators, Ltd.
(72) HAZEL, Brian T.	(21) EP17714157.9	(72) WATANABE, Morimichi
SCHLICHTING, Kevin W.	(47) 23.12.2020	YOSHIKAWA, Jun
MALONEY, Michael J.	(87) EP2017055710	NANATAKI, Tsutomu
(31) 201715656960	21.09.2017	IMAI, Katsuhiko
(32) 21.07.2017	(22) 10.03.2017	SUGIYAMA, Tomohiko
(33) United States of America	(54) ELECTROCHEMICAL CELL FOR GAS-PHASE REACTANT IN LIQUID ENVIRONMENT	YOSHINO, Takashi
(51) C25B 1/02	(73) Hpnw APS	TAKEUCHI, Yukihisa
C25B 3/00	(72) VERDAGUER CASADEVALL, Arnau	SATO, Kei
C25B 9/20	FRYDENDAL, Rasmus	(31) 2013260868
C25B 11/12	(31) 201662309655 P	2014071342
C25B 15/02	(32) 17.03.2016	PCT/JP2014/064388
(11) EP3449041	(33) United States of America	201414499688
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(87) EP2017059731	C25C 3/16	30.05.2014
02.11.2017	(11) EP3564410	29.09.2014
(22) 25.04.2017	(21) EP17889413.5	(33) Japan
(54) METHOD FOR THE ELECTROCHEMICAL CONVERSION OF ORGANIC COMPOUNDS CONTAINED IN RESIDUAL MATERIALS OR ARISING AS RESIDUAL MATERIALS	(47) 23.12.2020	Japan
(73) pro aqua Diamantelektroden Produktion GmbH & Co KG	(87) CN2017000364	World Intellectual Property Office (WIPO)
(72) SCHELCH, Michael	05.07.2018	United States of America
STABER, Wolfgang	(22) 19.05.2017	(51) C30B 13/00
HERMANN, Robert	(54) INBUILT CONDUCTOR CONTINUOUS ALUMINIUM FRAME ANODE	C30B 13/28
WESNER, Wolfgang	ALUMINIUM ELECTROLYTIC BATH	C30B 15/00
(31) 503872016	(73) Dang, Jianping	C30B 15/20
(32) 29.04.2016	(72) DANG, Jianping	C30B 29/30
(33) Austria	DANG, Xingpei	H01B 1/08
(51) C25B 1/10	(31) 201611257730	H01M 10/0562
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C25B 11/02	F01D 5/14	(87) JP2016088767
C25B 11/03	F04D 29/32	03.08.2017
C25B 11/04	F28F 1/40	(22) 26.12.2016
C25B 11/08	(11) EP2812538	(54) SOLID ELECTROLYTE MATERIAL AND ALL SOLID LITHIUM ION SECONDARY BATTERY
H01M 4/02	(21) EP13746743.7	(73) National Institute of Advanced Industrial Science and Technology
H01M 4/04	(47) 23.12.2020	(72) KATAOKA, Kunimitsu
H01M 4/75	(87) US2013024917	TAKAMORI, Chika
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(21) EP18724437.1	(22) 06.02.2013	AKIMOTO, Junji
(47) 23.12.2020	(54) ELECTROFORMED SHEATH	(31) 2016016060
(87) JP2018005320	(73) United Technologies Corporation	2016016061
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(22) 15.02.2018	HANSEN, James O.	29.01.2016
(54) NEGATIVE ELECTRODE, METHOD FOR PRODUCING SAME, ELECTROLYTIC CELL USING SAME, AND HYDROGEN PRODUCTION METHOD	HERTEL, Christopher A.	(33) Japan
(73) ASAHI KASEI KABUSHIKI KAISHA	MURPHY, Andrew J.	Japan
(72) NAKAJIMA Yasuhiro	PHILLIPS, Ashley P.	(51) C30B 15/26
HIRANO Toshiyuki	ABRAHAM, Jay T.	C30B 29/06
FUJIMOTO Norikazu	(31) 201213366923	(11) EP3093377
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(51) C25B 1/30	C30B 19/02	25.06.2015
C25B 9/08	C30B 19/12	(22) 01.08.2014
C25B 9/10	C30B 25/18	(54) VIEW PORT FOR OBSERVING INGOT GROWTH PROCESS AND INGOT GROWTH APPARATUS INCLUDING SAME
	C30B 25/20	(73) SK Siltron Co., Ltd.
	C30B 28/04	(72) KIM, Seong-Hyeok
	C30B 29/40	NA, Gwang-Ha
	C30B 29/60	
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(32) 19.12.2013	FOR SUPPLY PACKAGE FOR A TWO-	(73) Haier Asia Co., Ltd
(33) Korea (Republic)	STAGE TWISTING OR CABLING	Qingdao Haier Washing Machine Co. Ltd.
(51) D01D 4/02	MACHINE, MODULAR SUPPORT	(72) NAKAMOTO, Shigeharu
D01D 5/08	FOR SUPPLY PACKAGE FOR A TWO-	(31) 2014159929
D01D 5/088	STAGE TWISTING OR CABLING	(32) 05.08.2014
D01D 5/092	MACHINE AND METHOD FOR	(33) Japan
D01D 13/02	SETTING UP A TWO-STAGE TWISTING	(51) D06F 25/00
(11) EP3492634	OR CABLING MACHINE	D06F 58/24
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(47) 23.12.2020	(72) Heinen, Georg	D06F 39/00
(22) 13.11.2018	Hoven, Norbert	D06F 58/30
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(73) TMT Machinery, Inc.	(32) 19.02.2016	(21) EP13193074.5
(72) SUZUKI, Jumpei	(33) Germany	(47) 23.12.2020
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(32) 01.12.2017	(47) 23.12.2020	(72) Zimar, Alessio
(33) Japan	(22) 20.06.2016	Colucci, Nicola
(51) D01D 5/088	(54) FIBER BUNDLE FEED STOPPING	(31) PR20120078
D01D 10/06	DEVICE FOR SPINNING FRAME	(32) 19.11.2012
D01F 6/60	(73) KABUSHIKI KAISHA TOYOTA	(33) Italy
D02G 1/16	JIDOSHOKKI	(51) D06F 29/00
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D02J 1/08	ISHII, Takahisa	D06F 37/26
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(54) A PROCESS AND AN APPARATUS	(21) EP16175182.1	(73) LG ELECTRONICS INC.
FOR PRODUCING COARSE COUNT	(47) 23.12.2020	(72) SEO, Jinwoo
AND TRIDIMENSIONAL CRIMPED	(22) 20.06.2016	KIM, Sangjin
MULTIFILAMENT BCF YARNS, YARNS	(54) DRAFTING DEVICE FOR SPINNING	LEE, Jihong
THUS OBTAINED AND APPLICATIONS	FRAME	(31) 20150092777
THEREOF	(73) KABUSHIKI KAISHA TOYOTA	(32) 30.06.2015
(73) Bibielle SpA	JIDOSHOKKI	(33) Korea (Republic)
(72) BECCARIA, Enrico	(72) ISHII, Takahisa	(51) D06F 35/00
AUDISIO, Riccardo	FUJII, Yoshimasa	D06F 37/20
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(32) 09.08.2016	(32) 08.07.2015	D06F 33/76
(33) Italy	(33) Japan	D06F 34/28
(51) D01F 8/12	(51) D03D 1/00	D06F 39/00
D02G 3/02	D21F 1/00	(11) EP2480711
D03D 15/00	(11) EP3601665	(21) EP10817473.1
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15.06.2017	(22) 21.03.2018	(54) WASHING METHOD AND WASHING
(22) 14.11.2016	(54) AN INDUSTRIAL TEXTILE	MACHINE
(54) MOISTURE-ABSORBING CORE-	(73) Valmet Technologies Oy	(73) LG Electronics Inc.
SHEATH COMPOSITE YARN, AND	(72) ENQVIST, Rauno	(72) KOO, Bon Kwon
FABRIC	PAVOLAINEN, Juha	CHAE, Kyo Soon
(73) Toray Industries, Inc.	(31) 20175281	CHOI, Byung Keol
(72) TAKAGI, Kentaro	(32) 24.03.2017	KIM, Deok Kyu
SATO, Yoshifumi	(33) Finland	(31) 20090089155
YOSHIOKA, Daisuke	(51) D06F 23/02	(32) 21.09.2009
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(32) 08.12.2015	D06F 37/40	(51) D06F 37/40
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(11) EP3208369	(47) 23.12.2020	(47) 23.12.2020
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(47) 23.12.2020	11.02.2016	(54) WASHING MACHINE

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(72) LEE, Jeonguk	D06P 5/20	(72) FANUCCI, Jerome P.
PYO, Joonho	D06P 7/00	STEPANIAN, Aram
LEE, Taehee	D06Q 1/02	LANIK, Adam
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(33) Korea (Republic)	(21) EP18179084.1	(33) United States of America
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(11) EP3433410	(73) Fast Retailing Co., Ltd.	(47) 23.12.2020
(21) EP16711657.3	(72) MATSUBARA, Masaaki	(22) 17.12.2019
(47) 23.12.2020	DUMPIT, Darwin	(54) MOBILE DEVICE FOR PRODUCING
(87) EP2016056551	(31) 201715798690	JOINT-SHAPED SEAMS ON PARTIAL
28.09.2017	(32) 31.10.2017	SURFACES OF ASPHALT COVERINGS
(22) 24.03.2016	(33) United States of America	(73) DENSO-Holding GmbH & Co.
(54) LAUNDRY WASHING MACHINE	(51) D21C 3/26	(31) 102018133615
COMPRISING A WATER SOFTENING	D21C 9/10	(32) 27.12.2018
DEVICE AND A LOCAL ELECTRONIC	D21C 9/16	(33) Germany
CONTROL UNIT	(11) EP2802708	(51) E01F 15/04
(73) Electrolux Appliances Aktiebolag	(21) EP13701533.5	(11) EP3553228
(72) DRIUSSI, Paolo	(47) 23.12.2020	(21) EP19167830.9
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(21) EP19164919.3	(22) 11.01.2013	(54) A COTTER JOINT OF GUARDRAIL
(47) 23.12.2020	(54) A LOW VISCOSITY KRAFT FIBER	SECTIONS OF A SAFETY TRAFFIC
(22) 25.03.2019	HAVING REDUCED YELLOWING	BARRIER AND A SAFETY TRAFFIC
(54) FLOOR ASSEMBLY FOR A DEVICE	PROPERTIES AND METHODS OF	BARRIER COMPRISING SUCH A
FOR DRYING LAUNDRY	MAKING AND USING THE SAME	COTTER JOINT
(73) BSH Hausgeräte GmbH	(73) GP Cellulose GmbH	(73) Stalprodukt S.A.
(72) Drebant, Alexander	(72) NONNI, Arthur, J.	(72) PALKOWSKI, Dawid
Harbach, Alvaro	COURCHENE, Charles, E.	PIECHNIK, Marcin
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(33) Germany	ENGLE, Joel, M.	(33) Poland
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(33) Germany	(54) CONTROL SYSTEM FOR ENGINE,	(72) Kiel, Marco
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GOTTWALS, Melanie M.	TAKAKI, Shugo	CARRIER AND LIQUID SAMPLE
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(33) Japan	H04W 28/08	
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AND NEIGHBOR AWARENESS	(72) STOJANOVSKI, Alexandre Saso	(72) ZHANG, Yajun
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(73) Huawei Technologies Co. Ltd.	SIROTKIN, Alexander	
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USER EQUIPMENT, AND NETWORK-	(54) ADDRESS ASSIGNMENT FOR INITIAL	KAAJA, Jari-Jukka Harald
SIDE DEVICE	AUTHENTICATION	UUSITALO, Mikko Aleksi
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YUAN, Ming	(33) United States of America	G06Q 20/12
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(32) 08.08.2013	H04W 28/02	G06Q 20/38
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(51) H04W 8/02	(11) EP3205130	G06F 21/35
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SYSTEMS, AND A NON-TRANSITORY	(33) United States of America	COMMUNICATION NETWORKS
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(54) METHOD AND APPARATUS FOR	BSR FOR SIDELINK DATA IN A D2D	(51) H04W 36/00
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(00) 15.07.2020	(00) 15.07.2020	(00) 15.07.2020
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(11) EP3540911	(11) EP3551391	(11) EP3574715
(00) 15.07.2020	(00) 15.07.2020	(00) 15.07.2020
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(11) EP3541523	(11) EP3551884	(11) EP3575340
(00) 15.07.2020	(00) 15.07.2020	(00) 15.07.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3541563	(11) EP3552367	(11) EP3576416
(00) 15.07.2020	(00) 15.07.2020	(00) 15.07.2020
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(11) EP3541942	(11) EP3553900	(11) EP3577650
(00) 15.07.2020	(00) 15.07.2020	(00) 15.07.2020
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3542547	(11) EP3554793	(11) EP3578400
(00) 15.07.2020	(00) 15.07.2020	(00) 15.07.2020

(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3579781	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3580812	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3583419	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3584027	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3585969	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3586211	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3589186	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3596093	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3596876	
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(00) EPV Ceased Effect	
(11) EP3597013	
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(00) EPV Ceased Effect	
(11) EP3599030	
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(00) EPV Ceased Effect	
(11) EP3599956	
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(00) EPV Ceased Effect	
(11) EP3600048	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3601431	
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(11) EP3603047	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3603220	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3605771	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3611100	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3612049	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3612411	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3617926	
(00) 15.07.2020	
(00) EPV Ceased Effect	
(11) EP3628718	
(00) 15.07.2020	

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(00) 11.12.2020	(71) Raycap d.o.o.
(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(51) A46B 3/04	(73) Raycap d.o.o.
(11) EP1708639	A46B 7/06	(11) EP2707892
(00) 11.12.2020	(00) Assignment	(00) 14.12.2020
(51) A46B 5/00	(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(51) H01C 7/12
A46B 15/00	(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	H01H 37/76
A61C 17/22	(11) EP2618776	H01T 1/14
(00) Assignment	(00) 11.12.2020	H02H 9/04
(71) Raycap d.o.o.	(51) A61C 17/22	(00) Merge
(73) Raycap d.o.o.	A61C 17/34	(71) Alimentación y Nutrición Familiar, S.L
(11) EP2537164	(00) Assignment	(73) Alimentación y Nutrición Familiar, S.L
(00) 14.12.2020	(71) VDB B.V.	(11) EP3476221
(51) H01C 7/12	(73) VDB B.V.	(00) 11.12.2020
H01H 37/08	(11) 2021676	(51) A23C 9/12
H02H 9/04	(00) 14.12.2020	A23C 11/10
(00) Merge	(51) A01G 9/24	A23L 7/104
(71) Bokamak BV	(00) Assignment	(00) Assignment
(73) Bokamak BV	(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(71) Foodiverse Hold, SL.
(11) 1030804	(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(73) Alimentación y Nutrición Familiar, S.L
(00) 16.12.2020	(11) EP1571942	(11) EP3476221
(51) B60R 1/078	(00) 11.12.2020	(00) 11.12.2020
(00) Assignment	(51) A46B 5/00	(51) A23C 9/12
(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	A46B 9/04	A23C 11/10
(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(00) Assignment	A23L 7/104
(11) EP1744649	(71) SYNCRO SYSTEMS S.P.A.	(00) Change of owner(s) name
(00) 11.12.2020	(73) SYNCRO SYSTEMS S.P.A.	(71) Gerschütz-Rüth, Ralf
(51) A46B 3/20	(11) EP1894784	Dr. Schneider Kunststoffwerke GmbH
A46B 7/06	(00) 26.11.2020	(73) Gerschütz-Rüth, Ralf
A46B 9/04	(51) B60P 3/14	Dr. Schneider Kunststoffwerke GmbH
A46B 9/12	B60R 5/04	(11) EP2779937
(00) Assignment	B60R 13/01	(00) 14.12.2020
(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(00) Change of owner(s) name	(51) A61C 13/00
(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(71) Stretchline Intellectual Properties Limited	A61C 13/08
(11) EP1868689	(73) Stretchline Intellectual Properties Limited	A61C 13/09
(00) 11.12.2020	(11) EP2197303	(00) Assignment
(51) A61K 8/20	(00) 15.12.2020	(71) Alcon Inc.
A61K 8/25	(51) A41D 27/24	(73) Alcon Inc.
A61K 8/29	(00) Assignment	(11) EP2638878
A61K 8/34	(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(00) 14.12.2020
A61K 8/44	(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(51) A61F 2/14
A61Q 11/00	(11) EP2387337	G02B 1/04
(00) Assignment	(00) 11.12.2020	G02C 7/04
(71) Clariant International Ltd	(51) A46B 9/02	(00) Assignment
(73) Clariant International Ltd	A46B 9/04	(71) Alcon Inc.
(11) EP2020420	A46B 9/06	(73) Alcon Inc.
(00) 14.12.2020	A46D 1/00	(11) EP2844226
(51) C08F 4/6592	(00) Assignment	(00) 14.12.2020
C08F 11/06	(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(51) A61K 9/08
(00) Assignment	(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	A61K 31/728
(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(11) EP1691773	A61K 31/736
(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(00) 11.12.2020	A61K 47/02
(11) EP1593321	(51) A61K 8/18	A61K 47/26
	(00) Assignment	A61K 47/32
		A61K 47/36
		A61K 47/10

(00) Assignment	(73) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	(00) 17.12.2020
(71) GlaxoSmithKline Consumer Healthcare (UK) IP Limited		(51) A47B 95/02 E05B 1/00
(73) GlaxoSmithKline Consumer Healthcare (UK) IP Limited	(11) EP1610112	(00) Merge
(11) EP2683270	(00) 10.12.2020	(71) ARBUTUS BIOPHARMA CORPORATION
(00) 11.12.2020	(51) A01C 17/00	(73) ARBUTUS BIOPHARMA CORPORATION
(51) A46B 5/00	G01M 19/00	
(00) Assignment	(00) Merge	
(71) Raycap d.o.o.	(71) RAUCH Landmaschinenfabrik GmbH	(11) EP2279254
(73) Raycap d.o.o.	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	(00) 17.12.2020
(11) EP2880725	(73) RAUCH Landmaschinenfabrik GmbH	(51) A61K 9/127 A61K 31/712 A61K 31/713 A61P 35/00 C12N 15/88 C12N 15/113
(00) 14.12.2020	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	
(51) H01R 13/645		
H01T 4/06		
(00) Merge	(11) EP3305056	(00) Merge
(71) Argenica Therapeutics Pty Ltd	(00) 10.12.2020	(71) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement
(73) Argenica Therapeutics Pty Ltd	(51) A01B 79/00	(73) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement
(11) EP3063168	A01C 17/00	
(00) 16.12.2020	(00) Merge	
(51) A61K 9/00	(71) RAUCH Landmaschinenfabrik GmbH	
A61K 38/00	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	(11) EP2572583
A61K 38/16		(00) 10.12.2020
A61K 38/17	(73) RAUCH Landmaschinenfabrik GmbH	(51) A21B 3/04 A47J 27/04 A47J 37/00 F24C 15/32
A61P 9/10	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	
A61P 25/00		
A61P 25/16		
A61P 25/28		
C07K 7/06		
C07K 7/08	(11) EP3305055	(00) Merge
C07K 14/00	(00) 10.12.2020	(71) Stichting VUmc
C07K 14/46	(51) A01B 79/00	(73) Stichting VUmc
C12N 15/12	A01C 17/00	(11) EP2651435
C12N 15/49	(00) Merge	(00) 16.12.2020
C12N 15/63	(71) IMPERIAL WHITE CITY INCUBATOR LIMITED	(51) A61K 39/00 A61P 25/16 A61P 25/28 A61P 37/00
C12N 15/64		
(00) Assignment	(73) Imperial College Innovations Limited	(00) Demerger
(71) Linde GmbH	(11) EP2976641	
(73) Linde GmbH	(00) 16.12.2020	
(11) EP3318353	(51) G01N 33/50	
(00) 16.12.2020	(00) Assignment	
(51) B22F 3/105	(71) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	
G01N 27/407	Centre Scientifique et Technique du Batiment	(73) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement
G01N 30/88		
(00) Assignment	(73) Centre Scientifique et Technique du Batiment	
(71) Imperial College Innovations Limited	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	(11) EP2848873
(73) Imperial College Innovations Limited		(00) 10.12.2020
(11) EP2976641		(51) F24F 3/16 F24F 13/08
(00) 16.12.2020		
(51) G01N 33/50		
(00) Change of owner(s) name		(00) Merge
(71) Institut National de Recherche en Sciences et Technologies pour l'Environnement et l'Agriculture (IRSTEA)	(11) EP2906326	(71) IRRAS USA, Inc.
(73) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	(00) 10.12.2020	(73) IRRAS USA, Inc.
	(51) B01D 46/00	(11) EP3116384
	B01D 46/40	(00) 30.11.2020
(11) EP1610112	(00) Merge	(51) A61B 5/00 A61B 5/03 A61M 5/50 A61M 25/18 A61M 39/10 A61M 39/16 A61M 39/20
(00) 10.12.2020	(71) STANDERDELL LIMITED	
(51) A01C 17/00	(73) STANDERDELL LIMITED	
G01M 19/00	(11) EP2097333	
	(00) 17.12.2020	
	(51) B65D 43/02	
(00) Change of owner(s) name	(00) Change of owner(s) name	(00) Assignment
(71) Institut national de recherche pour l'agriculture, l'alimentation et l'environnement	(71) Hettich Marketing- und Vertriebs GmbH & Co. KG	(71) Intra-Cellular Therapies, Inc.
	(73) Hettich Marketing- und Vertriebs GmbH & Co. KG	(73) Intra-Cellular Therapies, Inc.
	(11) EP2144532	(11) EP2240490
		(00) 14.12.2020
		(51) C07D 491/00

(00) Assignment	(71) Kögel Trailer GmbH	C12M 1/34
(71) Sharp Fluidics, LLC	(73) Kögel Trailer GmbH	C12M 1/36
(73) Sharp Fluidics, LLC	(11) EP2130704	C12M 3/06
(11) EP2547270	(00) 17.12.2020	(00) Assignment
(00) 16.12.2020	(51) B60J 5/06	(71) ADEXSI
(51) A61B 17/00	(00) Assignment	(73) ADEXSI
A61B 17/04	(71) GLOBAL LIFE SCIENCES SOLUTIONS	(11) EP2812183
A61B 17/06	USA LLC.	(00) 17.12.2020
A61B 17/34	(73) GLOBAL LIFE SCIENCES SOLUTIONS	(51) B32B 3/12
(00) Assignment	USA LLC.	B32B 3/26
(71) Institut national de recherche	(11) EP2383574	B32B 27/14
pour l'agriculture, l'alimentation et	(00) 17.12.2020	B32B 27/36
l'environnement	(51) G01N 33/542	E04C 2/34
(73) Institut national de recherche	G01N 35/10	E04C 2/36
pour l'agriculture, l'alimentation et	(00) Assignment	E04C 2/54
l'environnement	(71) GLOBAL LIFE SCIENCES SOLUTIONS	E04D 3/06
(11) EP3201374	USA LLC.	E04D 13/16
(00) 10.12.2020	(73) GLOBAL LIFE SCIENCES SOLUTIONS	(00) Assignment
(51) C25B 1/02	USA LLC.	(71) Duynie Sustainable Energy B.V.
C25B 9/08	(11) EP2082239	(73) Duynie Sustainable Energy B.V.
C25B 15/02	(00) 17.12.2020	(11) EP3019717
(00) Merge	(51) G01N 33/68	(00) 17.12.2020
(71) Monmic Engines AB	(00) Assignment	(51) F01K 7/16
(73) Monmic Engines AB	(71) GLOBAL LIFE SCIENCES SOLUTIONS	F01K 11/02
(11) EP3152401	USA LLC.	F01K 17/00
(00) 16.12.2020	(73) GLOBAL LIFE SCIENCES SOLUTIONS	F01K 17/02
(51) F01C 1/46	USA LLC.	F01K 21/00
F01C 11/00	(11) EP2381257	F01K 23/04
F02B 53/00	(00) 17.12.2020	F01K 25/04
F02G 3/00	(51) G01N 33/542	F01K 25/06
(00) Assignment	(00) Assignment	F01K 25/10
(71) ASAHI KASEI KABUSHIKI KAISHA	(71) Kögel Trailer GmbH	F25B 30/02
(73) ASAHI KASEI KABUSHIKI KAISHA	(73) Kögel Trailer GmbH	F25B 30/06
(11) EP2992992	(11) EP2535217	(00) Assignment
(00) 17.12.2020	(00) 17.12.2020	(71) Paragon 28, Inc.
(51) B23K 20/08	(51) B60J 7/06	(73) Paragon 28, Inc.
B23K 20/16	B60J 7/08	(11) EP3203937
B23K 20/227	(00) Assignment	(00) 17.12.2020
B23K 101/06	(71) GLOBAL LIFE SCIENCES SOLUTIONS	(51) A61F 2/30
B23K 103/20	USA LLC.	A61F 2/42
F16L 13/007	(73) GLOBAL LIFE SCIENCES SOLUTIONS	(00) Assignment
(00) Assignment	USA LLC.	(71) Seagen Inc.
(71) GLOBAL LIFE SCIENCES SOLUTIONS	(11) EP2359257	(73) Seagen Inc.
USA LLC.	(00) 17.12.2020	(11) EP3461847
(73) GLOBAL LIFE SCIENCES SOLUTIONS	(51) G06F 17/00	(00) 17.12.2020
USA LLC.	G06K 9/00	(51) A61K 39/395
(11) EP2082226	(00) Assignment	A61P 35/00
(00) 17.12.2020	(71) Duynie Sustainable Energy B.V.	C07K 16/28
(51) G01N 33/50	(73) Duynie Sustainable Energy B.V.	A61K 47/68
(00) Assignment	(11) EP3033498	(00) Change of owner(s) name
(71) GE Medical Systems Israel, Ltd.	(00) 17.12.2020	(71) BMI Group Holdings UK Limited
(73) GE Medical Systems Israel, Ltd.	(51) F01K 17/00	(73) BMI Group Holdings UK Limited
(11) 2004957	F01K 17/02	(11) EP3261811
(00) 17.12.2020	F01K 23/04	(00) 17.12.2020
(51) A61B 6/00	F01K 25/04	(51) B28B 3/20
A61B 6/04	F01K 25/06	C04B 28/04
G01T 1/164	F01K 25/10	E04D 1/04
G01T 1/29	F02C 7/143	(00) Assignment
(00) Assignment	(00) Assignment	(71) Klatu Networks, Inc.
(71) GLOBAL LIFE SCIENCES SOLUTIONS	(71) GLOBAL LIFE SCIENCES SOLUTIONS	(73) Klatu Networks, Inc.
USA LLC.	USA LLC.	(11) EP2547965
(73) GLOBAL LIFE SCIENCES SOLUTIONS	(73) GLOBAL LIFE SCIENCES SOLUTIONS	(00) 30.11.2020
USA LLC.	USA LLC.	(51) F25B 49/00
(11) EP2082230	(11) EP3253863	F25D 29/00
(00) 17.12.2020	(00) 17.12.2020	F24F 11/00
(51) G01N 33/542	(51) B01F 11/00	(00) Change of Legal Entity
(00) Assignment	C12M 1/00	(71) MEGGLE GmbH & Co. KG

(73) MEGGLE GmbH & Co. KG
(11) EP3200771
(00) 17.12.2020
(51) A61K 9/16
A61K 31/167
(00) Change of owner(s) name

(71) Solar Construct Nederland B.V.
(73) Solar Construct Nederland B.V.
(11) 1038582
(00) 18.12.2020
(51) F24J 2/52
(00) Assignment

(71) B D invest B.V.
(73) Solar Construct Nederland B.V.
(11) 1038582
(00) 18.12.2020
(51) F24J 2/52
(00) Assignment

(71) GEDA GmbH
(73) GEDA GmbH
(11) EP3231979
(00) 18.12.2020
(51) B66B 9/193
E06C 7/12
(00) Change of Legal Entity

(71) GEDA GmbH
(73) GEDA GmbH
(11) EP2214997
(00) 18.12.2020
(51) B65H 75/36
B66B 7/06
H02G 11/00
(00) Change of Legal Entity

(71) GEDA GmbH
(73) GEDA GmbH
(11) EP2703329
(00) 18.12.2020
(51) B66B 7/06
B66B 9/02
B66B 9/187
(00) Change of Legal Entity

TVH

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