



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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Inhoudsopgave	Blz. Content	Page
Rubriek NP1 Bevat gegevens betreffende octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995.	7 Heading NP1 Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.	7
Rubriek NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	11 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	11
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	13 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	13
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	14 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	14
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	15 Heading EP2 Contains data concerning European patents granted for The Netherlands.	15
Rubriek EP3 Bevat gegevens betreffende voor Nederland verleende Europese octrooien waarvoor een vertaling is ingediend conform artikel 52 lid 1 of 6 van de Octrooiwet 1995.	210 Heading EP3 Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.	210
Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	269 Heading EP4 Contains data concerning European patents granted in amended form for the Netherlands.	269
Rubriek EP5 Bevat gegevens betreffende voor Nederland verleende gewijzigde	271 Heading EP5 Contains data concerning European patents granted in amended form for	271

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

272Heading SPC

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

272

Rubriek VB1

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

273Heading VB1

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

273

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.

275Heading 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.

275

Rubriek MED

Bevat gegevens betreffende overige mededelingen.

276Heading MED

Contains data concerning other communications.

276

Rubriek VRV

Bevat gegevens betreffende verval of nietigverklaring.

277Heading VRV

Contains data concerning lapse or annulment.

277

Rubriek VRB

Bevat gegevens betreffende verbeteringen op eerdere publicaties.

309Heading VRB

Contains data concerning corrections on earlier publications.

309

Rubriek CO

Bevat gegevens betreffende wijzigingen in het octrooiregister.

310Heading CO

Contains data concerning changes in the Netherland patent register.

310

Rubriek TVH

Bevat gegevens betreffende topografieën van halfgeleiderproducten.

322Heading TVH

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

322

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.

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) Octrooinummer	(11) Patent number
(13) Soort document volgens WIPO standaard 16	(13) Kind of document code according to WIPO standard ST.16
(15) Correctie informatie	(15) Patent correction information
(21) Octrooiaanvraagnummer	(21) Application number
(22) Datum van indiening	(22) Date(s) of filing application(s)
(23) Datum tentoonstelling	(23) Date of exhibition
(25) Taal van indiening	(25) Language in which the published application was originally filed
(26) Taal waarin de aanvraag is gepubliceerd	(26) Language in which the application is published
(30) Voorrangsgegevens	(30) Priority Data
(31) Nummer voorrang	(31) Number(s) assigned to priority application(s)
(32) Datum voorrang	(32) Date(s) of filling of priority application(s)
(33) Land van herkomst voorrang	(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) Oorspronkelijk land van indiening	(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) Datum van inschrijving	(40) Date(s) of making available to the public
(41) Datum van inschrijving van een octrooiaanvraag	(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) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)	(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) Datum waarop de aanvraag ter inzage is gelegd	(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) A01G 9/24	(74) ir. F.A. Geurts c.s.	(71) THE FIRST AFFILIATED HOSPITAL OF
A01G 31/00	(72) Franciscus Quirinus Fredrik Verouden	ZHENGZHOU UNIVERSITY
G01F 3/26	(51) A23K 10/30	(74) ir. W.J.J.M. Kempes
(21) 1043474	A23K 40/10	(72) Tongwen Sun
(22) 19.11.2019	(21) 2024270	Xiaojuan Zhang
(54) Drainwatermeetsysteem met zelf-	(22) 20.11.2019	Xianfei Ding
kantelend reservoir	(54) Process for making animal feed mash	Haixu Wang
(71) Monitech Security Solutions B.V.	agglomerates	Huoyan Liang
(72) Roland Boshuizen	(71) ForFarmers Corporate Services B.V.	Huan Liu
(41) 18.08.2021	(74) ir. J.C. Volmer c.s.	(41) 17.08.2021
(51) A01H 1/04	(72) Annemieke Claziena Gaasenbeek e/v	(51) A61K 38/21
C12Q 1/6895	Gras	A61P 19/00
(21) 2027031	Adrianus Augustinus Maria van Wesel	(21) 2027028
(22) 03.12.2020	(41) 11.08.2021	(22) 02.12.2020
(54) CAPS MOLECULAR MARKER	(51) A47C 7/00	(54) Use of IFN-lambda 1 protein target
CLOSELY LINKED TO GENE RELATED	B60N 2/00	in the preparation of medicines for
TO SYNTHESIS OF P3G AND C3G IN	(21) 2027122	the prevention and/or treatment of
COLORLED BARLEY	(22) 16.12.2020	inflammatory bone loss
(71) INSTITUTE OF BAST FIBER	(54) SEAT COVER FOR AN ITEM OF	(71) Army Medical University
CROPS, CHINESE ACADEMY OF	SEATING FURNITURE	(74) ir. H.Th. van den Heuvel c.s.
AGRICULTURAL SCIENCES	(71) Westfield Outdoors GmbH	(72) Yueqi Chen
(74) dr. ir. G.J.C. Verdijk c.s.	(74) ir. H.Th. van den Heuvel c.s.	Shiwu Dong
(72) Chunjie Liu	(72) Baoqing Yang	Wenhui Hu
Shiyong Mei	(31) 202019107086.2	Jianmei Li
Chunji Liu	(32) 18.12.2019	(31) 2019113108407
(31) 201911233028.9	(33) Germany	(32) 18.12.2019
(32) 05.12.2019	(51) A61B 5/15	(33) China
(33) China	A61B 10/00	(51) A61M 16/06
(51) A01K 1/015	A61M 5/32	(21) 2026690
(21) 2025555	(21) 2024277	(22) 16.10.2020
(22) 11.05.2020	(22) 21.11.2019	(54) VENTILATOR MASK
(54) APPLICATIONS OF EDIBLE FUNGUS	(54) Interstitial fluid removal device	(71) The First People's Hospital Of
RESIDUES IN COW BEDDING,	(71) Imcomet B.V.	Changzhou
BEDDING AND USING METHOD	(74) ir. A. Blokland c.s.	(74) ir. J.C. Volmer c.s.
(71) Shandong Academy of Agricultural	(72) Alexandre Charles Roger Motta	(72) Zhigang Wang
Sciences	Varsha Sakina Thakoersing	Hongbo Zhu
(74) dr. T. Wittop Koning PhD	Richardus Paulus Anton Oranje	Xiaming Zhang
(72) Pengfei Ren	(41) 11.08.2021	(31) 201911244345.0
Jie Lian	(51) A61F 2/16	(32) 06.12.2019
Luchang Wan	(21) 2027301	(33) China
Ling Qu	(22) 12.01.2021	(51) B01D 21/01
Kaichang Liu	(54) Mechanical means for accommodative	B01D 21/02
Haixia Ren	intraocular lens	(21) 2026347
Xia Gao	(71) AKKOLENS INTERNATIONAL B.V.	(22) 26.08.2020
Huidong Guo	(74) ir. H.Th. van den Heuvel c.s.	(54) Compact Rake-less Concentration
Yunxia Bi	(72) Michiel Christiaan Rombach	Device
Shanglian Chang	Willem Pieter van Lawick	(71) Anhui University of Science And
(31) 201911248684.6	(31) 2024654	TechnologyAnhui University of Science
(32) 09.12.2019	(32) 13.01.2020	And TechnologyAnhui University of
(33) China	(33) Netherlands	Science And Technology
(51) A21C 13/02	(51) A61G 7/00	(74) dr. T. Wittop Koning PhD
(21) 2024529	A61G 7/057	(72) Biao Hu
(22) 20.12.2019	(21) 2027640	Chao Wang
(54) Apparatus and method for the proofing of	(22) 24.02.2021	Erning Zhao
dough	(54) PRONE POSITION TURNOVER	Jin ZhanG
(71) Kaak Groep B.V.	APPARATUS	Xiong Xiao
		Xueqing Jiang

Shouzhen Wu	(54) METHOD, 3D MANUFACTURING	(21) 2026738
Junlong Yang	SYSTEM AND PRINT HEAD THERFOR	(22) 23.10.2020
Jiaqiang Zhou	(71) Veda Group B.V.	(54) COOPERATIVE-OPTIMIZATION
Chengliang Qiu	(74) ir. J.H. Lunshof	CONTROL METHOD OF CHARGING
Yu Zhang	(72) Martijn Arnoud Korevaar	STATION BASED ON DOUBLE-
(31) 201911285755.X	(41) 11.08.2021	CENTER Q-LEARNING METHOD
(32) 13.12.2019	(51) B29C 48/30	(71) ANHUI NORMAL UNIVERSITY
(33) China	B29C 64/118	HEFEI UNIVERSITY OF TECHNOLOGY
(51) B07C 5/34	B29C 64/209	(74) ir. W.J.J.M. Kempes
B65F 1/14	B33Y 30/00	(72) Ziyu Tang
G07F 7/06	(21) 1043470	Daohong Fang
(21) 1043522	(22) 19.11.2019	Hao Tang
(22) 24.12.2019	(54) METHOD, 3D MANUFACTURING	Chuanxin Zhao
(54) SHREDDER SYSTEEM MET	SYSTEM AND PRINT HEAD THERFOR	Mingxing Fang
DRIE ASSEN SPECIAAL VOOR	(71) Veda Group B.V.	(31) 201911316131.X
HET VERWERKING VAN	(74) ir. J.H. Lunshof	(32) 19.12.2019
PLASTIC VERPAKKINGEN EN	(72) Martijn Arnoud Korevaar	(33) China
VERPAKKINGSMATERIALEN	(41) 18.08.2021	(51) B62B 3/00
(71) Ing. Jose Neptaly Arias	(51) B29C 64/118	B62B 5/00
(72) Ing. Jose Neptaly Arias	B29C 64/209	(21) 2025557
(51) B09B 3/00	B29C 64/393	(22) 12.05.2020
(21) 2027019	B33Y 30/00	(54) Roll container with protective wall
(22) 01.12.2020	B33Y 50/00	(71) Feuchter GmbH
(54) HARMLESS TREATMENT EQUIPMENT	(21) 1043471	Pils! Transportgeräte GmbH
FOR LIVESTOCK AND POULTRY DEAD	(22) 19.11.2019	(74) ir. R. Wijnstra
OF DISEASE	(54) METHOD, 3D MANUFACTURING	(72) Alfred Pils!
(71) SHANDONG ACADEMY OF	SYSTEM AND PRINT HEAD THERFOR	Klaus Feuchter
AGRICULTURAL MACHINERY	(71) Veda Group B.V.	Markus Feuchter
SCIENCES	(74) ir. J.H. Lunshof	Christian Pils!
(74) dr. J. van Straaten	(72) Martijn Arnoud Korevaar	(41) 17.08.2021
(72) Fuxin Li	(41) 11.08.2021	(31) 102019131380.5
(31) 201911234404.6	(51) B29C 64/118	(32) 20.11.2019
201911234397.X	B33Y 30/00	(33) Germany
(32) 05.12.2019	(21) 1043467	(51) B63B 27/14
05.12.2019	(22) 19.11.2019	B63B 27/30
(33) China	(54) METHOD, 3D MANUFACTURING	B63J 3/04
China	SYSTEM AND PRINT HEAD THERFOR	(21) 2024263
(51) B26B 29/06	(71) Veda Group B.V.	(22) 19.11.2019
B26D 1/04	(74) ir. J.H. Lunshof	(54) A motion compensation system, a motion
(21) 1043473	(72) Martijn Arnoud Korevaar	compensation method, and a computer
(22) 19.11.2019	(41) 17.08.2021	program product.
(54) Inrichting voor het insnijden van een	(51) B29C 64/209	(71) Ampelmann Holding B.V.
constructieplaat, omvattende een	B33Y 30/00	(74) ir. H.A. Witmans c.s.
geleidingssysteem, geschikt voor	B33Y 30/00	(72) Alexander Germain Verweij
samenwerking met een rei	(21) 1043466	Stefan Niels van der Geld
(71) Profielaser	(22) 19.11.2019	(41) 11.08.2021
(72) Stephen James Bates	(54) METHOD, 3D MANUFACTURING	(51) B65G 19/28
(41) 18.08.2021	SYSTEM AND PRINT HEAD THERFOR	(21) 2028218
(51) B29C 48/30	(71) Veda Group B.V.	(22) 17.05.2021
B29C 64/118	(74) ir. J.H. Lunshof	(54) DEVICE AND METHOD FOR
B29C 64/209	(72) Martijn Arnoud Korevaar	AUTOMATICALLY STRAIGHTENING
B33Y 30/00	(41) 11.08.2021	BODY OF SCRAPER CONVEYOR
(21) 1043468	(51) B60G 5/00	BASED ON SPATIAL POSITION
(22) 19.11.2019	B60G 11/02	INFORMATION CAPTURE
(54) METHOD, 3D MANUFACTURING	B60G 17/02	(71) SHANDONG UNIVERSITY OF
SYSTEM AND PRINT HEAD THERFOR	B62D 63/06	SCIENCE AND TECHNOLOGY
(71) Veda Group B.V.	(21) 2027032	(74) ir. W.J.J.M. Kempes
(74) ir. J.H. Lunshof	(22) 03.12.2020	(72) Shoubo Jiang
(72) Martijn Arnoud Korevaar	(54) Aanhangwagen	Weijian Ren
(41) 17.08.2021	(71) BCW	Qingliang Zeng
(51) B29C 48/30	(74) ir. W.J.J.M. Kempes	Xin Zhang
B29C 64/118	(72) Jan Van der Veken	Lirong Wan
B29C 64/209	(31) 2019/5951	Chenglong Wang
B33Y 30/00	(32) 20.12.2019	Liang Wang
(21) 1043469	(33) Belgium	Kuidong Gao
(22) 19.11.2019	(51) B60L 53/31	(31) 202010430791.7
	B60L 53/64	(32) 20.05.2020
		(33) China

(51) B65G 23/12 B65G 23/34 (21) 2024267 (22) 19.11.2019 (54) Aandrijfeenheid voor een transportband (71) Wilfridus Barendse (74) ir. G.J.M. Verhees (72) Wilfridus Barendse (41) 18.08.2021	(31) 1919098.2 (32) 20.12.2019 (33) United Kingdom	(22) 23.11.2020 (54) EXPERIMENTAL SYSTEM AND METHOD FOR INTEGRATED SIMULATION OF SAND PRODUCTION AND REFORMATION OF NATURAL GAS HYDRATE RESERVOIRS AROUND WELLS (71) China University of Geosciences (74) dr. T. Wittop Koning PhD (72) Fulong Ning Zhichao Liu Yanjiang Yu Hongfeng Lu Heen Zhang Wan Cheng Xiaofeng Dou Jiaxin Sun Wenjia Ou Yanlong Li Changling Liu
(51) C01B 32/184 (21) 2028257 (22) 20.05.2021 (54) METHOD FOR PREPARING GRAPHENE POWDER (71) NINGBO UNIVERSITY (74) ir. W.J.J.M. Kempes (72) Jinqiu Zhang Gang Wang Yongsheng Yang Tong Liu Ziyang Hu Xiaoqiang Feng Zhengyi He Peng Liu Xiaodi Liu Da Chen	(71) BRUSTOR naamloze vennootschap (74) ir. M.B. Plaggenborg (72) Lieven Brutsaert (31) 2019/5920 (32) 17.12.2019 (33) Belgium	(31) 201911276840.X (32) 12.12.2019 (33) China
(51) C09D 5/18 (21) 2027008 (22) 30.11.2020 (54) Fireproof coating for aluminum alloy structure of prefabricated building (71) SICHUAN FIRE RESEARCH INSTITUTE OF MEM (74) ir. W.J.J.M. Kempes (72) Zejiang Zhang (31) 201911334122.3 (32) 23.12.2019 (33) China	(31) PCT/US2019/068493 US16/719,586 (32) 24.12.2019 18.12.2019 (33) United States of America United States of America	(51) F16H 25/24 (21) 2026792 (22) 29.10.2020 (54) SHAPE-MEMORY ALLOY ACTUATOR FOR COMPENSATING BALL SCREW DRIVE WEAR (71) SHANDONG JIANZHU UNIVERSITY (74) ir. W.J.J.M. Kempes (72) Hongkui Jiang Mijia Song Bocheng Tian Liang Zhou
(51) C12N 1/20 (21) 2027089 (22) 10.12.2020 (54) IAA-PRODUCING AND CELLULOSE-DEGRADING STRAIN N3 AND USE THEREOF (71) Anhui Agricultural University (74) drs. C.M.A. Quintelier (72) Chao Ma Jing Wu Cai'e Nie Yubao Wang Liangping Wu Ziyun Zhang Rushan Chai Da Tian Lin Zhu Hongjian Gao (31) 201911267554.7 (32) 11.12.2019 (33) China	(51) E21B 23/00 (21) 2026737 (22) 23.10.2020 (54) Reactive metal sealing elements for a liner hanger (71) Halliburton Energy Services, Inc. (74) mr.ir. F.N. Ferro (72) Stephan Michael Greci Emile Edmund Sevadjian Michael Linley Fripp Abdolreza Gharezi (31) PCT/US19/68497 US16/718,727 (32) 24.12.2019 18.12.2019 (33) United States of America United States of America	(31) 201911265302.0 (32) 11.12.2019 (33) China
(51) C12N 33/18 (21) 2027089 (22) 10.12.2020 (54) ASSESSMENT METHOD FOR GRAY WATER FOOTPRINT OF WATERSHEDS AND FORMULATION METHOD FOR MANAGEMENT STRATEGIES OF WATER ENVIRONMENT (71) Chinese Research Academy of Environmental Sciences (74) dr. T. Wittop Koning PhD (72) Zhongwen Yang Rui Xia Yuan Zhang Cailian Hao Shuqin Ma Xikang Hou Kai Zhang Lu Wang Yan Chen Ruining Jia Xiao Wang Chen Yang (31) 201911221225.9 (32) 03.12.2019 (33) China	(51) E21B 33/00 (21) 2026807 (22) 02.11.2020 (54) BARRIER COATING LAYER FOR AN EXPANDABLE MEMBER WELLBORE TOOL (71) Halliburton Energy Services, Inc. (74) mr.ir. F.N. Ferro (72) Michael Linley Fripp Xiaoguang Allan Zhong (31) PCT/US19/67779 16/722,253 (32) 20.12.2019 20.12.2019 (33) United States of America United States of America	(51) G01N 33/18 G06Q 50/26 (21) 2026696 (22) 18.10.2020
(51) E02D 7/20 (21) 2027173 (22) 18.12.2020 (54) HOLLOW SUBSEA FOUNDATIONS (71) Subsea 7 Norway AS (74) ir. H.Th. van den Heuvel c.s. (72) Christian Linde Olsen Jørgen Olsen Julien Hericher	(51) E21B 43/34 (21) 2026954	(51) G01N 33/18 G06Q 50/26 (21) 2026697

(22) 18.10.2020	G06K 9/34	(54) Space division multiple access communication method based on harmonic modulation technology
(54) GRAY WATER FOOTPRINT CALCULATION METHOD FOR NON-POINT SOURCE INFLUENCED RIVER REACH	G06K 9/46 G06K 9/62 G06N 3/04 G06N 3/08	(71) Guangdong University of Technology (74) ir. H.Th. van den Heuvel c.s.
(71) Chinese Research Academy of Environmental Sciences	(21) 2028095	(72) Jianguo Ma
(74) dr. T. Wittop Koning PhD	(22) 29.04.2021	Shaohua Zhou
(72) Zhongwen Yang	(54) MULTI—GRANULARITY CLOTHING CHANGING—SPECIFIC PERSON RE—IDENTIFICATION (REID) METHOD BASED ON CLOTHING DESENSITIZATION NETWORK	(31) 201911279169.4
Rui Xia	(71) SHANDONG ARTIFICIAL INTELLIGENCE INSTITUTE	(32) 13.12.2019
Yuan Zhang	(74) ir. W.J.J.M. Kempes	(33) China
Cailian Hao	(72) Zan Gao	
Shuqin Ma	Hongwei Wei	(51) H04J 3/00
Xikang Hou	Da Chen	H04L 27/12
Kai Zhang	Zhiyong Cheng	(21) 2026743
Lu Wang	Minglei Shu	(22) 23.10.2020
Yan Chen	Liqiang Nie	(54) Time division multiple access communication method based on harmonic modulation technology
Ruining Jia	Yinglong Wang	(71) Guangdong University of Technology
Xiao Wang	(31) 202110065609.7	(74) ir. H.Th. van den Heuvel c.s.
Chen Yang	(32) 18.01.2021	(72) Jianguo Ma
(31) 201911221645.7	(33) China	Shaohua Zhou
(32) 03.12.2019		(31) 201911279413.7
(33) China	(51) G06N 3/04	(32) 13.12.2019
(51) G03F 7/20	G06N 5/04	(33) China
G21K 1/06	(21) 2028258	
(21) 2026727	(22) 20.05.2021	(51) H04J 13/00
(22) 22.10.2020	(54) ATTENTION-LSTM-BASED METHOD FOR KNOWLEDGE REASONING OF REINFORCEMENT LEARNING AGENT	H04L 5/14
(54) EXTREME ULTRAVIOLET LIGHT CONDENSER MIRROR, EXTREME ULTRAVIOLET LIGHT CONDENSER MIRROR MANUFACTURING METHOD, AND ELECTRONIC DEVICE MANUFACTURING METHOD	(71) SHANDONG ARTIFICIAL INTELLIGENCE INSTITUTE	(21) 2026742
(71) Gigaphoton Inc.	(74) ir. W.J.J.M. Kempes	(22) 23.10.2020
(74) ir. A. Blokland c.s.	(72) Minglei Shu	(54) CODE DIVISION MULTIPLE ACCESS COMMUNICATION METHOD BASED ON HARMONIC MODULATION TECHNOLOGY
(72) Masahiko Ando	Hao Liu	(71) Guangdong University of Technology
(31) 2019-230665	Yinglong Wang	(74) ir. H.Th. van den Heuvel c.s.
(32) 20.12.2019	Hui Liu	(72) Jianguo Ma
(33) Japan	Chao Chen	Shaohua Zhou
(51) G06F 21/56	(31) 202010918363.9	(31) 201911279167.5
G06N 20/00	(32) 03.09.2020	(32) 13.12.2019
(21) 2026782	(33) China	(33) China
(22) 28.10.2020		
(54) METHOD AND SYSTEM FOR DETERMINING AFFILIATION OF SOFTWARE TO SOFTWARE FAMILIES	(51) G06Q 50/20	(51) H04L 29/06
(71) Group IB TDS, Ltd	G09B 5/06	(21) 2026468
(74) ir. A.R. Aalbers	(21) 2026359	(22) 15.09.2020
(72) Pavel Vladimirovich Slipenchuk	(22) 27.08.2020	(54) METHOD AND SYSTEM FOR DETERMINING NETWORK VULNERABILITIES
Iliia Sergeevich Pomerantsev	(54) METHOD FOR MULTI-CHANNEL FUSION AND PRESENTATION OF VIRTUAL LEARNING ENVIRONMENT ORIENTED TO FIELD PRACTICE TEACHING	(71) Group IB TDS, Ltd
(31) 2019139630	(71) CENTRAL CHINA NORMAL UNIVERSITY	(74) ir. A.R. Aalbers
(32) 15.12.2019	(74) ir. H.Th. van den Heuvel c.s.	(72) Anton Kuzmin
(33) Russian Federation	(72) Zongkai Yang	(31) RU2019142440
(51) G06F 21/56	Zheng Zhong	(32) 19.12.2019
G06N 20/00	Di Wu	(33) Russian Federation
(21) 2026909	Ke Wu	
(22) 17.11.2020	(31) 201911312490.8	
(54) METHOD AND SYSTEM FOR DETERMINING AFFILIATION OF SOFTWARE TO SOFTWARE FAMILIES	(32) 18.12.2019	
(71) Group IB TDS, Ltd	(33) China	
(74) ir. A.R. Aalbers	(51) H04B 7/0408	
(72) Pavel Vladimirovich Slipenchuk	H04W 74/04	
Iliia Sergeevich Pomerantsev	(21) 2026741	
(31) RU2019139628	(22) 23.10.2020	
(32) 05.12.2019		
(33) Russian Federation		
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NP2

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(11) 2025595	A61G 7/057	(72) Martijn Arnoud Korevaar
(47) 17.08.2021	(11) 2027640	(74) ir. J.H. Lunshof
(22) 15.05.2020	(47) 17.08.2021	(51) B29C 64/118
(54) SINGLE-GRAIN SOWING COATED	(22) 24.02.2021	B29C 64/209
PEANUT AND PREPARATION METHOD	(54) PRONE POSITION TURNOVER	B29C 64/393
THEREOF	APPARATUS	B33Y 30/00
(73) BIOTECHNOLOGY RESEARCH	(73) THE FIRST AFFILIATED HOSPITAL OF	B33Y 50/00
CENTER, SHANDONG ACADEMY OF	ZHENGZHOU UNIVERSITY	(11) 1043471
AGRICULTURAL SCIENCES	(72) Tongwen Sun	(47) 11.08.2021
(72) Shubo Wan	Xiaojuan Zhang	(22) 19.11.2019
Jialei Zhang	Xianfei Ding	(54) METHOD, 3D MANUFACTURING
Zheng Zhang	Haixu Wang	SYSTEM AND PRINT HEAD THERFOR
Chaohui Tang	Huoyan Liang	(73) Veda Group B.V.
Zhongxue Fan	Huan Liu	(72) Martijn Arnoud Korevaar
Jianguo Wang	(74) ir. W.J.J.M. Kempes	(74) ir. J.H. Lunshof
Xinguo Li	(51) B26B 29/06	(51) B29C 64/118
Sha Yang	B26D 1/04	B33Y 30/00
Jingjing Meng	(11) 1043473	(11) 1043467
Jinhua Gao	(47) 18.08.2021	(47) 17.08.2021
Feng Guo	(22) 19.11.2019	(22) 19.11.2019
(74) ir. W.J.J.M. Kempes	(54) Inrichting voor het insnijden van een	(54) METHOD, 3D MANUFACTURING
(31) 201910992810.2	constructieplaat, omvattende een	SYSTEM AND PRINT HEAD THERFOR
(32) 18.10.2019	geleidingssysteem, geschikt voor	(73) Veda Group B.V.
(33) China	samenwerking met een rei	(72) Martijn Arnoud Korevaar
(51) A01G 9/24	(73) Profielaser	(74) ir. J.H. Lunshof
A01G 31/00	(72) Stephen James Bates	(51) B29C 64/209
G01F 3/26	(51) B29C 48/30	B33Y 30/00
(11) 1043474	B29C 64/118	B33Y 30/00
(47) 18.08.2021	B29C 64/209	(11) 1043466
(22) 19.11.2019	B33Y 30/00	(47) 11.08.2021
(54) Drainwatermeetsysteem met zelf-	(11) 1043468	(22) 19.11.2019
kantelend reservoir	(47) 17.08.2021	(54) METHOD, 3D MANUFACTURING
(73) Monitech Security Solutions B.V.	(22) 19.11.2019	SYSTEM AND PRINT HEAD THERFOR
(72) Roland Boshuizen	(54) METHOD, 3D MANUFACTURING	(73) Veda Group B.V.
(51) A23K 10/30	SYSTEM AND PRINT HEAD THERFOR	(72) Martijn Arnoud Korevaar
A23K 40/10	(73) Veda Group B.V.	(74) ir. J.H. Lunshof
(11) 2024270	(72) Martijn Arnoud Korevaar	(51) B61L 23/00
(47) 11.08.2021	(74) ir. J.H. Lunshof	B61B 1/02
(22) 20.11.2019	(51) B29C 48/30	B61L 15/00
(54) Process for making animal feed mash	B29C 64/118	B61L 27/00
agglomerates	B29C 64/209	(11) 2025618
(73) ForFarmers Corporate Services B.V.	B33Y 30/00	(47) 17.08.2021
(72) Annemieke Claziena Gaasenbeek e/v	(11) 1043469	(22) 19.05.2020
Gras	(47) 11.08.2021	(54) RAIL TRANSIT PLATFORM SCREEN
Adrianus Augustinus Maria van Wesel	(22) 19.11.2019	DOOR SYSTEM AND USE METHOD
(74) ir. J.C. Volmer c.s.	(54) METHOD, 3D MANUFACTURING	THEREOF
(51) A61B 5/15	SYSTEM AND PRINT HEAD THERFOR	(73) CHINA ACADEMY OF SAFETY
A61B 10/00	(73) Veda Group B.V.	SCIENCE AND TECHNOLOGY
A61M 5/32	(72) Martijn Arnoud Korevaar	BEIJING HANGXING MACHINE
(11) 2024277	(74) ir. J.H. Lunshof	MANUFACTURING CO., LTD
(47) 11.08.2021	(51) B29C 48/30	(72) Congling Shi
(22) 21.11.2019	B29C 64/118	Jingze He
(54) Interstitial fluid removal device	B29C 64/209	Yuanfei Xu
(73) Imcomet B.V.	B33Y 30/00	Honglei Che
(72) Alexandre Charles Roger Motta	(11) 1043470	Jingmin Lv
Varsha Sakina Thakoersing	(47) 18.08.2021	Xingkai Zhang
Richardus Paulus Anton Oranje	(22) 19.11.2019	Xuan Xu
(74) ir. A. Blokland c.s.	(54) METHOD, 3D MANUFACTURING	(74) ir. W.J.J.M. Kempes
	SYSTEM AND PRINT HEAD THERFOR	(31) 201910680614.1

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(33) China	Astronautics
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(11) 2025557	Yanan Gu
(47) 17.08.2021	Xuhui Liu
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(54) Roll container with protective wall	Chaohai Zhang
(73) Feuchter GmbH	(74) ir. R. Wijnstra
PilsI Transportgeräte GmbH	
(72) Alfred PilsI	
Klaus Feuchter	
Markus Feuchter	
Christian PilsI	
(74) ir. R. Wijnstra	
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(73) Ampelmann Holding B.V.	
(72) Alexander Germain Verweij	
Stefan Niels van der Geld	
(74) ir. H.A. Witmans c.s.	
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(73) Wilfridus Barendse	
(72) Wilfridus Barendse	
(74) ir. G.J.M. Verhees	
(51) G01N 21/31	
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G06N 3/02	
(11) 2025810	
(47) 17.08.2021	
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(54) METHOD FOR CLASSIFYING AND EVALUATING NITROGEN CONTENT LEVEL OF BRASSICA RAPA SUBSP. OLEIFERA (BRSRO) CANOPY	
(73) Zhejiang University	
(72) Yong He	
Haiyan Cen	
Fei Liu	
Hui Fang	
Yueming Zhu	
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(74) ir. F.A. Geurts c.s.	
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(54) GAS-INSULATED DIELECTRIC BARRIER DISCHARGE DEVICE	

NP3

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..
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register (after limitation procedure) under the Patents Act 1995.**

EP1

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Contains data concerning translations of the claims of European patent applications.

(43) 28.04.2021

(11) EP3810765

(51) C12N 9/22

A61K 35/76

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(47) 18.08.2021	DEPOSITING SEEDS IN A GROW POD	LAWNMOWERS
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(54) METHOD OF MITIGATING	(72) MILLAR, Gary Bret	(72) DOUGHTY, Brian
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PEAKE, John, W	(72) MILLAR, Gary Bret	COMBINE HARVESTER WITH BIAS
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WITH AN AUTOMATED HEADER	XUE, Jiafu	(54) SELF-LEARNING GRAIN SENSING
TRANSPORT SYSTEM	CHEN, Hui	SYSTEM
(73) CNH Industrial Belgium NV	DING, Zhizheng	(73) Deere & Company
(72) Deceuninck, Kenneth	WANG, Jing	(72) Vandike, Nathan R
Desmyter, Michiel	LIU, Zhaochong	Yanke, Bradley K
Jongmans, Dré W.J.	HUANG, Kai	Fuchs, Volker
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(31) 102017005050	(51) B44B 5/00	(54) WHEEL WITH RIM HAVING VARIABLE
(32) 26.05.2017	B44B 5/02	WIDTH
(33) Germany	B42D 25/425	(73) Continental Reifen Deutschland GmbH
(51) B42D 25/324	B41F 3/34	(72) BERGER, Christoph
B42D 25/342	B41N 1/06	BRAEGER, Tobias
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(47) 18.08.2021	(47) 18.08.2021	PAUL, Ingo
(22) 02.12.2015	(22) 15.10.2019	(31) 102017215178
(54) OPTICALLY VARIABLE SECURITY	(54) EMBOSSED TOOL FOR TACTILE	(32) 30.08.2017
ELEMENT	STRUCTURES	(33) Germany
(73) Giesecke+Devrient Currency Technology	(73) Giesecke+Devrient Currency Technology	(51) B60C 9/00
GmbH	GmbH	B60C 9/18
(72) Fuhse, Christian	(72) Franz, Peter	B60C 9/22
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(31) 102014018512	B44B 5/02	(22) 04.05.2017
(32) 12.12.2014	E04F 21/04	(54) REINFORCEMENT STRIP FOR A CAP
(33) Germany	E01C 19/43	PLY OF A PNEUMATIC TIRE
(51) B42D 25/324	(11) EP3509871	(73) Kordsa Teknik Tekstil Anonim Sirketi
B42D 25/346	(21) EP17771494.6	(72) FIDAN, Mehmet Sadettin
B42D 25/351	(47) 18.08.2021	KAYA, Bahadır
B42D 25/364	(87) FR2017052370	ARIFOGLU YENMEZ, Muge
B42D 25/373	15.03.2018	(51) B60C 9/04
B42D 25/378	(22) 07.09.2017	B60C 9/06
B42D 25/23	(54) MATRIX FOR IMPRINTING A RAISED	B60C 9/22
B42D 25/24	PATTERN ON A COATING	(11) EP3730314
B42D 25/29	(73) SAINT-GOBAIN WEBER	(21) EP20164945.6
B42D 25/425	(72) DEVORET, Anne	(47) 18.08.2021
B42D 25/45	CLAUDE, Camille	(22) 23.03.2020
B42D 25/47	BALESTE, Stéphanie	(54) TIRE FOR MOTORCYCLES AND TIRE
B42D 13/00	GIRET, Antoine	SET FOR MOTORCYCLES
G09F 3/02	(31) 1658361	(73) Sumitomo Rubber Industries, Ltd.
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(47) 18.08.2021	(51) B44C 5/04	(32) 22.04.2019
(22) 05.06.2018	E04F 15/00	(33) Japan
(54) AUTHENTICATION AND LOGISTICS	B29L 31/00	(51) B60C 11/00
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(73) OpSec Security Group, Inc.	B27N 7/00	(21) EP19200698.9
(72) HILL, Dean	B30B 5/06	(47) 18.08.2021
FILMORE, Rob	B29C 43/22	(22) 01.10.2019
(31) 201762515078 P	B32B 37/20	(54) VEHICLE TYRE WITH AT LEAST ONE
(32) 05.06.2017	E04F 13/00	FIRST RUBBER COMPONENT AND
(33) United States of America	E04F 15/10	AT LEAST ONE SECOND RUBBER
(51) B43K 8/02	B29C 43/48	COMPONENT
B43K 8/24	B29C 43/28	(73) Continental Reifen Deutschland GmbH

(72) Jabri, Mohamed Aymen Pavon Sierra, Viktoria (31) 102018219645 (32) 16.11.2018 (33) Germany	(21) EP20153177.9 (47) 18.08.2021 (22) 22.01.2020 (54) TIRE (73) Sumitomo Rubber Industries, Ltd. (72) HOSODA, Yasuhiro (31) 2019011514 (32) 25.01.2019 (33) Japan	(33) Korea (Republic)
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(21) EP18722667.5	VENTILATION AIR EXTRACTOR OF A	08.09.2017
(47) 18.08.2021	MOTOR VEHICLE	(22) 01.03.2017
(87) FR2018050806	(73) PSA Automobiles SA	(54) VEHICLE PLANT ACTIVE
11.10.2018	(72) MITOUART, Jean Guy	SUSPENSION CONTROL BASED ON
(22) 30.03.2018	AMIAUT, Herve	VEHICLE POSITION
(54) INDIRECT REVERSIBLE AIR-	(31) 1757123	(73) ClearMotion Acquisition I LLC
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CORRESPONDING OPERATING	(51) B60H 1/32	(31) 201615059010
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(73) Valeo Systemes Thermiques	B60K 11/08	(33) United States of America
(72) BENOUALI, Jugurtha	(11) EP3412482	(51) B60K 6/26
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F25B 39/04	(22) 31.01.2017	(47) 18.08.2021
F28D 1/053	(54) METHOD FOR CONTROLLING	(87) EP2015075364
F28F 9/02	VEHICLE GRILLE DEVICE	12.05.2016
(11) EP3541645	(73) Valeo Japan Co., Ltd.	(22) 02.11.2015
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(22) 20.11.2017	(32) 05.02.2016	OBRIST, Frank
(54) CONDENSER FOR AN AIR	(33) Japan	(31) 102014116302
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MOTOR VEHICLE	F25B 17/12	(33) Germany
(73) Valeo Klimasysteme GmbH	F25B 27/02	(51) B60K 6/485
(72) GENGGER, Michael	F25B 49/04	(11) EP3710299
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(33) Germany	(22) 25.06.2018	23.05.2019
(51) B60H 1/22	(54) A CONTROL SYSTEM FOR A METAL	(22) 29.10.2018
F28F 3/02	HYDRIDE AIR CONDITIONER AND A	(54) METHOD FOR DETERMINING CLUTCH
F28F 21/02	METHOD THEREOF	PARAMETERS OF AN AUTOMATIC
H05B 3/12	(73) Thermax Limited	TRANSMISSION HAVING AT LEAST
F24H 3/04	(72) NAVALE, Devadatta Pundlik	ONE CLUTCH
H05B 3/14	GUNJAL, Sachin Narayan	(73) Volkswagen Aktiengesellschaft
H05B 3/50	(31) 201721022488	(72) ZIMMERMANN, Jannis
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(22) 29.03.2017	B60K 17/04	B60W 30/18
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HEATER INCLUDING SAME, AND AIR	(11) EP3452323	B60W 10/08
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(33) Korea (Republic)	(73) Allison Transmission, Inc.	VEHICLE, HYBRID VEHICLE, AND
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	(21) EP17711869.2	IWASE, Yuji
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(33) Japan	(47) 18.08.2021	YAMAMOTO, Tatsuyuki
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(47) 18.08.2021	APRON HOLDER	B60L 50/20
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(72) AKAKI, Hiroyuki	DARGENT, Olivier	(21) EP18164505.2
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(51) B60K 17/10	(33) France	CONTROL DEVICE AND BICYCLE
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(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(11) EP3612406	King, Robert Dean
(72) SHIMIZU, Daichi	(21) EP18718827.1	Steigerwald, Robert Louis
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(54) OPERATING STATUS DISPLAY	B60L 3/00	(87) JP2012073496
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(72) Schitter, Volkmar	B62H 5/00	B60N 2/70
Schitter, Eckhard	B62J 6/00	B60N 2/28
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(54) METHOD FOR OPERATING AN	NAKAI, Kazuhiko	(33) China
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(73) Sew-Eurodrive GmbH & Co. KG	H01F 38/14	(21) EP16822146.3
(72) SCHMIDT, Josef	H02J 7/00	(47) 18.08.2021
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(73) PHOENIX CONTACT E-Mobility GmbH	(22) 23.12.2016	(72) Mason, Kyle S.
(72) FÜHRER, Thomas	(54) ELECTRIC VEHICLE CHARGING	Ma, Andrew
BABEZKI, Robert	STATION WITH TRANSFORMER	Lehman, David A.
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(21) EP16711301.8	(22) 22.11.2017	ROAD AREA BY PROJECTING A
(47) 18.08.2021	(54) VEHICLE HEADLAMP	TRAJECTORY, AND MOTOR VEHICLE
(87) EP2016056388	(73) ZKW Group GmbH	(73) Audi AG
16.02.2017	(72) Edletzberger, Thomas	(72) REIM, Johannes
(22) 23.03.2016	Ebenführer, Markus	OMERBEGOVIC, Said
(54) METHOD FOR DRIVING MASSAGE	(51) B60Q 1/14	(31) 102017223451
UNITS IN A SEAT, CONTROLLING	F21S 41/147	(32) 20.12.2017
DEVICE FOR CARRYING OUT AND	F21S 41/663	(33) Germany
SEAT ARRANGEMENT	F21S 41/675	(51) B60Q 3/14
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Kommanditgesellschaft, Coburg	(21) EP19165930.9	(11) EP3351430
(72) MERGL, Christian	(47) 18.08.2021	(21) EP18152805.0
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JUERGENLIEMK, Martin	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(54) DISPLAY MODULE
UEBEL, Wolfgang	Koito Manufacturing Co., Ltd.	(73) Valeo Comfort and Driving Assistance
HERRMANN, Christian	(72) MOURI, Fumihiko	(72) LEKMINE, Djamel
POHL, Florian	HONDA, Takahiko	(31) 1750494
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E01F 3/00	PROTECTION AGAINST GLARE AND	(47) 18.08.2021
G08G 7/00	WORKING MACHINE WITH THE LIGHT	(22) 28.02.2017
B64F 1/10	SYSTEM	(54) AIRCRAFT MOUNTED DISPLAY
(11) EP3615378	(73) HELLA GmbH & Co. KGaA	MODULE
(21) EP18850715.6	(72) HINGEL, Andreas	(73) Goodrich Lighting Systems, Inc.
(47) 18.08.2021	AICHINGER-ROSENBERGER, Michael	(72) WALKER, Niles R.
(87) CN2018102579	JANDRISITS, Christoph	PATEL, Amar
07.03.2019	DERKITS, Christian	(31) 201611007417
(22) 27.08.2018	POSNICEK, Thomas	(32) 02.03.2016
(54) MODULAR FLYING CAR AND FLYING	KELLNER, Karlheinz	(33) India
CAR SYSTEM AND FLYING CAR	GARBER, Michael	(51) B60R 1/00
SHARING METHOD	KRAMER, Daniel	G01B 11/14
(73) Zhejiang Geely Holding Group Co., Ltd.	(31) 102017220013	G06K 9/00
(72) LI, Shufu	(32) 10.11.2017	G06T 7/70
YANG, Jian	(33) Germany	H04N 9/31
DIETRICH, Carl	(51) B60Q 1/26	G01M 17/007
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31.01.2019	LIGHTING DEVICE ON A VEHICLE,	(73) Panasonic Intellectual Property
(22) 13.07.2018	AND VEHICLE HAVING A SECURING	Management Co., Ltd.
(54) CARGO SECURING DEVICE	ASSEMBLY OF THIS TYPE	(72) NAKAYA, Satoshi
(73) Jeiko Innovations Oy	(73) Volkswagen Aktiengesellschaft	(31) 2014079858
(72) LAARMANN, Elmar	(72) HERDT, Alexej	(32) 09.04.2014
IKONEN, Mikko	(31) 102017216148	(33) Japan
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(73) TREVES PRODUCTS, SERVICES & INNOVATION	(54) DEVICE FOR CONTROLLING THE POWER SUPPLY OF A COMPUTER, ASSOCIATED WITH A REMOTE CONTROL DEVICE OF A SYSTEM	(54) FLUID RESERVOIRS FOR VEHICLES
(72) LECOMTE, Alicia GUENAMANT, Nicolas	(73) Peugeot Motocycles SA	(73) ROSEMOUNT AEROSPACE INC.
(31) 1900678 (32) 25.01.2019 (33) France	(72) WEI, England SABATON, Jerome	(72) MOTHE, Venkata Anil Kumar GOWDA, Jai Kumar ROCK, Stephen D.
(51) B60R 13/10 B41M 5/26 (11) EP2342086 (21) EP09825410.5 (47) 18.08.2021 (87) US2009063395 14.05.2010 (22) 05.11.2009	(31) 1562191 (32) 11.12.2015 (33) France	(31) 201811047214 (32) 13.12.2018 (33) India
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(73) Exatec, LLC. (72) HARLEY, Gregory, R. VAN DER MEULEN, Eric, F.J.M. GASWORTH, Steven, M. SHULER, Stephen	(54) VEHICLE CONTROL APPARATUS (73) Toyota Jidosha Kabushiki Kaisha (72) WAKAMIYA, Hideyuki (31) 2019008485 (32) 22.01.2019 (33) Japan	(54) VEHICLE BRAKE MANAGEMENT DEVICE (73) Shin, Hyun-oh (72) Shin, Hyun-oh (31) 20140038541 (32) 01.04.2014 (33) Korea (Republic)
(31) 111652 P (32) 05.11.2008 (33) United States of America	(51) B60S 1/38 (11) EP2838766 (21) EP13714930.8 (47) 18.08.2021 (87) EP2013057349 24.10.2013 (22) 09.04.2013	(51) B60T 8/88 B60T 17/22 (11) EP3359433 (21) EP16785617.8 (47) 18.08.2021 (87) US2016055705 13.04.2017 (22) 06.10.2016
(51) B60R 21/015 B60R 22/28 (11) EP3699035 (21) EP20155871.5 (47) 18.08.2021 (22) 06.02.2020	(54) WIPER BLADE DEVICE (73) Robert Bosch GmbH (72) DEPONDT, Helmut (31) 102012206423 (32) 19.04.2012 (33) Germany	(54) AIRCRAFT BRAKE CONDITION DIAGNOSIS AND PROGNOSIS
(54) VEHICLE OCCUPANT PROTECTION DEVICE	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA (72) SEKIZUKA, Makoto (31) 2019032189 (32) 25.02.2019 (33) Japan	(73) MEGGITT AIRCRAFT BRAKING SYSTEMS CORPORATION (72) DIRGO, Robert T. RAJAMANI, Ravi BURKHALTER, Kurt ADAMS, Joshua H. MOSELEY, Douglas D. HAMBLIN, Kyle J.
(51) B60R 22/10 B60N 2/26 B60N 2/28 B60R 22/26 (11) EP3712018 (21) EP18880793.7 (47) 18.08.2021 (87) CN2018107230 31.05.2019 (22) 25.09.2018	(31) 102018251762 (32) 28.12.2018 (33) Germany	(31) 201562238363 P (32) 07.10.2015 (33) United States of America
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OF INDEPENDENT LEFT AND RIGHT	thyssenkrupp AG	(54) STEERING DEVICE FOR A VEHICLE
WHEELS AND LATERAL STOP MEANS,	(72) RIETZLER, Oliver	(73) Audi AG
AND ASSOCIATED LOW FLOOR RAIL	KPEKPASSE, Tassoh	ThyssenKrupp Presta AG
VEHICLE	DEEG, Benjamin	(72) LOOS, Sebastian
(73) Bombardier Transportation GmbH	(31) 102017219014	KREUTZ, Daniel
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PIEPER, Reinhard	(33) Germany	(31) 102017212036
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B62D 1/19	ESPECIALLY PAVER	(73) ISM Saddles, LLC
	(73) BOMAG GmbH	Toll, Steven G.

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(73) Yamaha Hatsudoki Kabushiki Kaisha	CONCAVE CHANNELS	OR SUSTENTATION VEHICLES
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B64D 35/00	METHOD	(73) Panasonic Intellectual Property
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(72) KOBA, Yoshimasa	(73) Pewag Austria GmbH	(72) CHRISTIANSEN, Jonas
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(73) Premier Dental Products Company	(72) WHITNEY, R. Roy	(72) YAMATANI, Manabu
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C04B 35/591	ENVIRONMENTAL BARRIER	Zhejiang Quhua Fluor-Chemistry Co.,
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(51) F02M 57/00 (11) EP3286428 (21) EP16707116.6 (47) 18.08.2021 (87) EP2016054285 27.10.2016 (22) 01.03.2016 (54) FUEL INJECTOR (73) Robert Bosch GmbH (72) BERNHAUPT, Martin (31) 102015207307 (32) 22.04.2015 (33) Germany	(51) F03C 2/08 F04C 15/00 (11) EP3401540 (21) EP18166911.0 (47) 18.08.2021 (22) 11.04.2018 (54) HYDRAULIC MOTOR BRAKE (73) Eaton Intelligent Power Limited (72) PATIL, Sagar Chandrakant PATIL, Yashvantrao Uttamrao BHADORIA, Shivam ATTARDE, Trimbak Shridhar (31) 201711013236 (32) 13.04.2017 (33) India	(11) EP3513068 (21) EP17768977.5 (47) 18.08.2021 (87) DK2017050294 22.03.2018 (22) 14.09.2017 (54) METHOD FOR FITTING A TIP EXTENSION TO A WIND TURBINE BLADE (73) Vestas Wind Systems A/S (72) BARTON, Leon NIELSEN, Kennet Hvid RAJAN, Binoy (31) PA201670865 201611031521 (32) 03.11.2016 15.09.2016 (33) Denmark
(51) F02M 63/00 F02M 47/02 F02M 61/20 F16K 31/06 (11) EP3580446 (21) EP18703298.2 (47) 18.08.2021 (87) EP2018052586 16.08.2018 (22) 01.02.2018 (54) CONTROL VALVE ARRANGEMENT FOR A DUAL FUEL INJECTOR (73) Delphi Technologies IP Limited (72) YEARSLEY, Jason HOMES, Graham D. (31) 201702059 (32) 08.02.2017 (33) United Kingdom	(51) F03D 3/04 F03D 9/45 F03D 9/37 F03D 9/00 F03G 6/04 (11) EP3394433 (21) EP16757719.6 (47) 18.08.2021 (87) IB2016053888 05.01.2017 (22) 29.06.2016 (54) SYSTEM FOR RECOVERING ENERGY FROM RENEWABLE SOURCES (73) Mediterranean Design Network S.r.l. (72) DE LUCA, Marcello SAPORITO, Antonio (31) UB20151742 (32) 29.06.2015 (33) Italy	(32) 03.11.2016 15.09.2016 (33) Denmark India (51) F04B 1/04 B60T 8/40 F04B 53/10 F16K 15/04 F04B 53/12 (11) EP3161312 (21) EP15729094.1 (47) 18.08.2021 (87) EP2015061983 30.12.2015 (22) 29.05.2015 (54) DISCHARGE VALVE COMPRISING A RECEIVING ELEMENT (73) Robert Bosch GmbH (72) HAEUSSER, Bernd STOTZ, Rolf (31) 102014212292 (32) 26.06.2014 (33) Germany
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(72) HORNING, Jeremy D LEGATT, August F (31) 201916352561 201862649003 P (32) 13.03.2019 28.03.2018 (33) United States of America United States of America	(54) ELECTROOSMOTIC PUMP AND FLUID-PUMPING SYSTEM COMPRISING SAME (73) Eoflow Co., Ltd. (72) KIM, Jesse Jaejin SONG, Yongchul JEONG, Jongook (31) 20160081146 (32) 28.06.2016 (33) Korea (Republic)	(73) Mitsubishi Heavy Industries, Ltd. (72) YAMASHITA, Takuma ITO, Takahide KITAGUCHI, Keita TAKEUCHI, Makoto HIRATA, Hirofumi (31) 2018044164 (32) 12.03.2018 (33) Japan
(51) F04B 1/04 F04B 23/02 F04B 53/12 F04B 53/18 (11) EP3276172 (21) EP17182063.2 (47) 18.08.2021 (22) 19.07.2017 (54) PUMP PROVIDED WITH A RESERVOIR OF A LUBRICANT (73) DROPSA S.p.A. (72) DIVISI, Walter (31) 201600080003 (32) 29.07.2016 (33) Italy	(31) 20160081146 (32) 28.06.2016 (33) Korea (Republic) (51) F04B 45/04 F04B 53/10 F04B 39/12 F04B 39/14 (11) EP3660309 (21) EP19209884.6 (47) 18.08.2021 (22) 19.11.2019 (54) DIAPHRAGM PUMP (73) OKENSEIKO CO., LTD. (72) INOUE, Akira ITAHARA, Kazuki (31) 2018224701 (32) 30.11.2018 (33) Japan	(51) F04C 29/00 F04C 18/356 F04C 29/02 (11) EP3486489 (21) EP17850194.6 (47) 18.08.2021 (87) CN2017100147 22.03.2018 (22) 01.09.2017 (54) PUMP BODY COMPONENT WITH CRANK SHAFT AND COMPRESSOR (73) Green Refrigeration Equipment Engineering Research Center of Zhuhai Gree Co., Ltd. (72) QUE, Peizhen HU, Yanjun YANG, Ouxiang ZHAI, Yuanbin XIANG, Liu HUANG, Jianfeng
(51) F04B 17/04 F04B 43/04 F04B 53/22 (11) EP3690245 (21) EP20153884.0 (47) 18.08.2021 (22) 27.01.2020 (54) SOLENOID PUMP (73) MAC Valves, Inc. (72) LANDACRE, Brett NEFF, Matthew SIMMONDS, Jeffrey (31) 201916260741 (32) 29.01.2019 (33) United States of America	(31) 2018224701 (32) 30.11.2018 (33) Japan (51) F04C 2/344 F04C 14/24 F04C 14/26 F04C 15/06 (11) EP3505762 (21) EP18215089.6 (47) 18.08.2021 (22) 21.12.2018 (54) PUMP APPARATUS (73) JTEKT CORPORATION (72) ASAOA, Yuki (31) 2017250286 (32) 27.12.2017 (33) Japan	(31) 201610829958 (32) 18.09.2016 (33) China (51) F04D 1/06 F04D 9/00 F04D 15/00 F16K 37/00 (11) EP3730797 (21) EP20168989.0 (47) 18.08.2021 (22) 09.04.2020 (54) NON-RETURN VALVE FOR A SUBMERSIBLE PUMP AND RELATED SUBMERSIBLE PUMP (73) CALPEDA S.p.A. (72) BANZATO, Stefano MENARA, Ivan (31) 201900006264 (32) 23.04.2019 (33) Italy
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(51) F04B 43/06 F04B 19/00 F03G 7/04 F04B 17/00 (11) EP3480462 (21) EP17820441.8 (47) 18.08.2021 (87) KR2017006343 04.01.2018 (22) 16.06.2017	(31) 2017250286 (32) 27.12.2017 (33) Japan (51) F04C 29/00 F04C 18/02 F01C 21/10 (11) EP3540230 (21) EP19158738.5 (47) 18.08.2021 (22) 22.02.2019 (54) CO-ROTATING SCROLL COMPRESSOR	(51) F04D 13/06 F04D 29/42 F04D 29/62 (11) EP3667091

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(47) 18.08.2021	(51) F15B 9/06	(33) Germany
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(54) PUMP ASSEMBLY	(11) EP3521636	F16B 2/20
(73) Grundfos Holding A/S	(21) EP18461512.8	F16B 5/00
(72) Svarre, Erik Bundesen	(47) 18.08.2021	B60J 1/00
Jan Plougmann,	(22) 31.01.2018	B60J 10/30
DAMM, Therkel	(54) SERVOVALVE ASSEMBLY	F16B 1/00
Aarestrup, Jan Carøe	(73) Hamilton Sundstrand Corporation	(11) EP3797226
Klaus Vestergaard Kragelund,	(72) Jaskiewicz, Zbigniew	(21) EP20719962.1
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H02K 1/30	F15B 11/08	(73) Elkamet Kunststofftechnik GmbH
H02K 29/08	E02F 3/32	(72) ROTH, Hartmut
H02K 11/215	F15B 21/08	(31) 102019113620
F25B 1/00	(11) EP3521637	(32) 22.05.2019
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H02K 15/12	(47) 18.08.2021	(51) F16B 11/00
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(87) JP2012000597	WORKING MACHINE	(21) EP16196353.3
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(22) 31.01.2012	(72) NISHIKAWA, Shinji	(22) 28.10.2016
(54) PUMP, REFRIGERATION CYCLE	IMURA, Shinya	(54) LAUNDRY TREATING APPARATUS
DEVICE, AND METHOD FOR	MORIKI, Hidekazu	(73) LG Electronics Inc.
PRODUCING PUMP	AMANO, Hiroaki	(72) KWON, Yongwoo
(73) Mitsubishi Electric Corporation	(51) F15B 20/00	YONG, Seungji
(72) ASO, Hiroki	F15B 19/00	CHEON, Kangwoon
SAKANOBÉ, Kazunori	F15B 5/00	CHOI, Jaehoon
YAMAMOTO, Mineo	(11) EP3592991	PARK, Jungjin
ISHII, Hiroyuki	(21) EP18706737.6	(31) 20160040450
OYA, Junichiro	(47) 18.08.2021	20160001215
URABÉ, Yuto	(87) EP2018054354	201562249355 P
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(11) EP3242035	(54) METHOD FOR ACTIVATING A	02.11.2015
(21) EP16207135.1	HYDRAULIC ACTUATOR DRIVE,	(33) Korea (Republic)
(47) 18.08.2021	CONTROL DEVICE AND ACTUATOR	Korea (Republic)
(22) 28.12.2016	DRIVE CONTROLLER	United States of America
(54) METHOD FOR OPERATING AT LEAST	(73) Voith Patent GmbH	(51) F16B 12/20
ONE PUMP UNIT OF A PLURALITY OF	(72) ORTNER, Christian	(11) EP2895752
PUMP UNITS	HOFMANN, Friedrich	(21) EP13799370.5
(73) Grundfos Holding A/S	(31) 102017106840	(47) 18.08.2021
(72) Karkov, Jørgen	102017104559	(87) IB2013058486
Nørskov, Kris	(32) 30.03.2017	20.03.2014
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(51) F04D 29/16	(33) Germany	(54) PIECE OF FURNITURE WITH A
F04D 29/32	Germany	CONNECTION DEVICE
F01D 5/00	(51) F15B 21/04	(73) Flooring Industries Limited, SARL
F01D 5/20	F01D 17/18	(72) DEMAN, Luc
F01D 11/16	(11) EP3234377	MAERTENS, Luc
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(54) Compressor blade with flexible tip	(54) ACTUATING DRIVE FOR A CONTROL	F16B 29/00
elements and process therefor	VALVE, IN PARTICULAR STEAM	(11) EP3724520
(73) General Electric Company	TURBINE CONTROL VALVE AND	(21) EP18825921.2
(72) Cairo, Ronald Ralph	METHOD FOR OPERATING SAME	(47) 18.08.2021
Nelson, Warren Arthur	(73) Voith Patent GmbH	(87) EP2018084418
(31) 955009	(72) SCHABER, Hubert	18.07.2019
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(73) Böllhoff Verbindungstechnik GmbH	(72) Schwertner, Thomas	PLANETARY GEAR
(72) HEINRICHS, Heinrich	Schilli, David	(73) SEW-EURODRIVE GmbH & Co. KG
(31) 102018100470	(51) F16C 32/04	(72) HALLER, Sascha
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(33) Germany	(21) EP17167765.1	DENKHAUS, Max
(51) F16B 37/04	(47) 18.08.2021	(31) 102017005894
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(21) EP18812348.3	(54) ACTIVE MAGNETIC BEARING	(33) Germany
(47) 18.08.2021	CONTROLLER	(51) F16D 11/14
(87) NL2018050676	(73) Ingersoll-Rand Industrial U.S., Inc.	B60K 17/04
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(22) 15.10.2018	SAARI, Juha T	(21) EP12721733.9
(54) FASTENING UNIT	MÄKI-ONTTO, Petri J	(47) 18.08.2021
(73) J. van Walraven Holding B.V.	KOMULAINEN, Risto	(87) DE2012100099
(72) JUZAK, Marek	(31) 201615136153	11.10.2012
NIJDAM, Frank	(32) 22.04.2016	(22) 10.04.2012
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(32) 17.10.2017	(51) F16C 33/78	(73) Allweier Präzisionsteile GmbH
(33) Netherlands	F16C 33/58	(72) ALLWEIER, Hubert
(51) F16B 43/00	B60B 27/00	KOHLER, Martin
E02F 3/48	G01P 3/44	(31) 102011050571
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(21) EP16727065.1	(54) WHEEL BEARING ARRANGEMENT	(11) EP3676507
(47) 18.08.2021	FOR A MOTOR VEHICLE	(21) EP18845324.5
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(22) 20.05.2016	FRISCH, Michael	28.03.2019
(54) PIN AND RETAINER LOCKING	(31) 102016222110	(22) 18.09.2018
SYSTEM	(32) 10.11.2016	(54) CLUTCH COVER ASSEMBLY WITH
(73) Caterpillar Inc.	(33) Germany	ADJUSTMENT MECHANISM
(72) STOLZ, Michael R.	(51) F16C 35/04	(73) Dönmez Debriyaj Sanayi Ve Ticaret
(31) 201514722054	F16H 57/01	Anonim Şirketi
(32) 26.05.2015	F16C 41/00	(72) AYĞÜL, Erkan
(33) United States of America	G01M 13/02	(31) 201713960
(51) F16C 17/04	G01M 13/04	(32) 20.09.2017
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(11) EP3545203	(21) EP17768055.0	(51) F16D 23/06
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19.07.2018	(22) 07.09.2017	(87) EP2018082567
(22) 21.12.2017	(54) MAIN MOUNT FOR A WIND TURBINE	20.06.2019
(54) FIXED ABUTMENT OF A SYSTEM OF	AND METHOD FOR VISUAL	(22) 26.11.2018
FIXED AND ROTARY ABUTMENTS	INSPECTION OF ROLLING BEARINGS	(54) GEAR SHIFTING COUPLING FOR A
INTENDED FOR WITHSTANDING AN	OR GEARS IN MAIN MOUNTS OF	VEHICLE TRANSMISSION
AXIAL LOAD	WIND TURBINES	(73) Audi AG
(73) RENAULT s.a.s.	(73) RWE Renewables GmbH	(72) KIESEWETTER, Jürgen
(72) LUERE, Vincent	(72) FRANKE, Jan-Bernd	(31) 102017222346
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A47B 88/45	(21) EP18737149.7	B25F 5/00
A47B 88/447	(47) 18.08.2021	B23B 31/12
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(47) 18.08.2021	(22) 11.06.2018	(47) 18.08.2021
(22) 17.12.2018	(54) COUPLING COMPRISING A SHAFT	(22) 22.08.2013
(54) TELESCOPIC RAIL WITH AT LEAST	AT LEAST PARTIALLY INSERTED IN A	(54) Powered hand-held machine tool and
THREE RAIL ELEMENTS	HOLLOW SHAFT AND A HUB PLACED	spindle lock therefor

(73) Metabowerke GmbH	SERRA, Stefano	MARTINOTTO, Luca
(72) Van der Beek, Felix Johannes	MARTINOTTO, Luca	DONZELLI, Daniele
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(22) 10.09.2014	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(21) EP17733188.1
(54) METHOD AND SYSTEM FOR	(72) IKUMA, Nao	(47) 18.08.2021
CONTROLLING A CLUTCH	NANAHARA, Masaki	(87) US2017030365
(73) Valeo Embrayages	YABUSAKI, Naoki	16.11.2017
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LAURIDSEN, Carsten	(33) Japan	(73) Bombardier Inc.
FLECHE, Benoit	(51) F16D 65/18	(72) CARON-L'ECUYER, Alexis
LEBAS, Gilles	(11) EP3550170	BRODEUR, André
(31) 1358794	(21) EP19163709.9	(31) 201662334608 P
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(33) France	(22) 19.03.2019	(33) United States of America
(51) F16D 55/225	(54) ELECTRIC BRAKE ACTUATOR	(51) F16F 1/38
(11) EP3690272	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	F16F 1/40
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(22) 01.02.2019	MORIKAWA, Yuta	(47) 18.08.2021
(54) DISC BRAKE HAVING A MOUNTING	(31) 2018052707	(87) EP2018000542
DEVICE FOR MOUNTING A SIGNAL	(32) 20.03.2018	13.06.2019
CABLE TO A SPRING HANGER	(33) Japan	(22) 04.12.2018
(73) ZF CV Systems Europe BV	(51) F16D 65/18	(54) BEARING STRUCTURE MADE OF
(72) Strzala, Wieslaw	B60T 13/74	ELASTOMER BEARING ELEMENTS
(51) F16D 65/00	F16J 3/04	WHICH CAN BE MOUNTED AND
F16D 66/02	F16J 15/52	EXCHANGED INDIVIDUALLY
(11) EP3658795	F16D 121/24	(73) FM Energie GmbH & Co. KG
(21) EP18746882.2	F16D 125/06	(72) MITSCH, Franz
(47) 18.08.2021	F16D 125/40	(31) 17002003
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(22) 24.07.2018	(21) EP17750173.1	(51) F16F 13/10
(54) DEVICE FOR INSPECTING THE STATE	(47) 18.08.2021	F16F 13/18
OF WEAR OF A BRAKE PAD	(87) JP2017003959	F16F 13/26
(73) Norauto France	17.08.2017	B60K 5/12
(72) CHAVATTE, Franck	(22) 03.02.2017	(11) EP3728892
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(47) 18.08.2021	F16D 69/00	PEHLEMANN, Uwe
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(22) 27.05.2016	(47) 18.08.2021	(33) Germany
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(73) ITT Italia S.r.l.	BRAKE ELEMENT, IN PARTICULAR A	(73) TOYOTA JIDOSHA KABUSHIKI KAISHA
(72) DONZELLI, Daniele	BRAKE PAD	(72) NINOMIYA, Keisuke
SOLARI, Mattia	(73) ITT Italia S.r.l.	(31) 2017190692
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(22) 27.08.2018	F16H 13/14	(73) Meritor Heavy Vehicle Systems Cameri SpA
(54) ACTUATOR WITH WHEEL PROVIDED WITH AXIAL TOOTHING	(11) EP3444504	(72) Tiziani, Eugenio
(73) Electricfil Automotive	(21) EP17782340.8	Bionaz, Davide
(72) ROUSSEL, Laurent	(47) 18.08.2021	(51) F16H 57/04
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(32) 08.09.2017	(22) 10.04.2017	F16H 57/031
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(73) Allison Transmission, Inc.	(33) Japan	(73) Sew-Eurodrive GmbH & Co. KG
(72) TRYON, Eric S.	(51) F16H 25/20	(72) SCHWAN, Tobias
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(32) 28.09.2016	(47) 18.08.2021	ELLER, Peter
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(33) United States of America	(51) F16H 57/04	Malgosa Broto, Marc
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(54) MULTI-SPEED PLANETARY TRANSMISSION	(22) 25.09.2017	G05G 5/03
(73) Allison Transmission, Inc.	(54) TRANSMISSION WITH A HEATING ELEMENT FOR INDIRECTLY HEATING AN OPERATING MEDIUM, AND MOTOR VEHICLE	B60K 20/02
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	(72) KOPP, Andreas	

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(72) WATANABE, Shogo	RETAINING A NOISE ATTENUATION	(21) EP18725184.8
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ARATA, Tsuyoshi	PRESSURE REGULATOR	(87) EP2018062563
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(72) SINKA, Aaron	F16K 5/20	(33) France
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(22) 29.06.2016	GUTMANN, Paul M.	(31) 102018206045
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(73) NOK Corporation	Ltd.	CARSLAW, Alexander
(72) AIHARA Kazuya	(72) ZHOU, Huasong	(31) 201815919954
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F16L 9/08	F16L 37/56	MERLO, Roberto
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FUEL SYSTEM	H01L 33/08	DEVICE, AND OPTICAL MEMBER
(73) Wärtsilä Finland Oy	H01L 33/24	(73) Nichia Corporation
(72) KARLSSON, Sören	(11) EP3273147	(72) SHIMA, Kohei
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(72) KRIESE, Alexander	(31) 1657040	F23M 5/02
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DEVICE	H05K 1/02	JOUMANI, Youssef
(73) Messer GasPack GmbH	(11) EP3657067	MULON, Jacques
(72) KRIESE, Alexander	(21) EP18382847.4	TSIAVA, Rémi
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(73) Messer GasPack GmbH	F21S 41/663	F23D 14/52
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(54) COMBUSTION SYSTEM WITH	(22) 13.04.2015	(22) 17.04.2018
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REMOVING AGENT IN THE	CONTROLLING THE SAME	METHOD THEREOF
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(73) Hamilton Sundstrand Corporation	énergies alternatives	EXCHANGER
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Lewandowski, Rafa	COUTURIER, Raphael	(72) CUIILLIER, Jean-Baptiste
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SYSTEM WITH AXIAL FAN, HEAT	F28F 17/00	(21) EP15820783.7
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(73) University of Hull	(31) PCT/IB2017/055447	NIELSEN, Christen V.
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USING PATIENT-SPECIFIC	Federation	ITO, Takao
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Contains data concerning European patents granted for The Netherlands in which a translation was filed confirm Article 52 par. 1 or 6 of the Patents Act 1995.

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STONE, Timothy Bruce	Scientifique (CNRS)	A61K 33/08
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INGRAHAM, Aubrey Johannes	Sorbonne Université	A61K 33/32
FRASER, Terrance William	Université Claude Bernard Lyon 1	A61P 1/04
MARSH, Gary Donald	Institut National de la Santé et de la	C11B 3/00
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(73) Bühler AG	(73) Ventus Medical Limited	(72) MAGATTI, Marco
(72) KOLLER, Cornelia	(72) CANE, Michael	RITHENER, Blaise
SCHMIDT, Bernd	HART, Oliver	(74) ir. F.A. Geurts c.s.
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(73) Hauni Maschinenbau GmbH	(54) JEWELLERY RING ASSEMBLY	BRUCKBAUER, Wilhelm
(72) SCHMICK, Clemens	(73) Feeling The Collection GmbH	(74) ir. J.C. Volmer c.s.
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STRATTON, Derek	Sunnybrook Research Institute	MAZZA, John
PETERSON, Dean	(72) COURTNEY, Brian	UDO, Hoss
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(72) STOLTENJOHANNES, Jürgen	(11) EP3570415	CHANG, Dae Jun
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FEIL, Hermanus	(74) ir. M.F.J.M. Ketelaars c.s.	KULKARNI, Amit
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(73) Robert Bosch GmbH	G10L 15/22	(54) REFRIGERATION DEVICE
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FEBERWEE, Gerrit Jan	F24F 130/40	MORI, Eiichi
KOELLMANN, Gordy	(11) EP3036594	YOSHIOKA, Jun
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SYSTEM	MALEK, Jan	HEAT

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(72) FERGUSON, Benjamin E.	G01F 1/74	SURMAN, Cheryl Margaret
STEELE, John T.	(11) EP2920557	DIERINGER, Jon Albert
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(72) Brouns, Marcel	G01F 15/02	KOZIONOV, Alexey Petrovich
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B32B 7/12	B29K 23/00
B32B 19/04	B29K 705/02
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VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Clariant International Ltd	(11) EP1864780	(51) A61K 31/713
(73) Clariant International Ltd	(00) 19.07.2021	A61K 39/39
(11) 2003863	(51) B29C 45/14	A61K 47/48
(00) 27.07.2021	H01L 33/00	A61K 48/00
(51) B01J 23/88	(00) Assignment	C12N 15/117
B01J 23/889	(71) Hills Numberplates Limited	(00) Assignment
B01J 23/89	(73) Hills Numberplates Limited	(71) Suzhou Legin Semiconductor Co., Ltd.
B01J 37/02	(11) EP2032395	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(00) 28.07.2021	(11) EP2270880
(71) Schiedel Metaloterm B.V.	(51) B60R 13/10	(00) 19.07.2021
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(51) E04D 13/14	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/44
E04F 17/02	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
F23J 3/00	(11) EP2188849	(71) Clariant International Ltd
F23J 13/00	(00) 19.07.2021	(73) Clariant International Ltd
F23J 13/02	(51) H05K 1/02	(11) EP1893329
(00) Change of owner(s) name	H01L 33/64	(00) 27.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(51) B01J 20/12
(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Elgan Pharma Ltd.	(00) Assignment
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(51) H01L 33/00	(00) 28.07.2021	(11) EP2320128
H01L 33/40	(51) A23K 1/165	(00) 19.07.2021
H01L 33/46	A23K 1/18	(51) F21V 7/00
H01L 33/64	A61K 38/28	F21Y 101/02
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(11) EP1794579	(00) Assignment	F21V 29/00
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(00) Assignment	(00) 27.07.2021	(11) EP1812366
(71) Hills Numberplates Limited	(51) A61K 39/00	(00) 27.07.2021
(73) Hills Numberplates Limited	A61P 35/00	(51) B01J 23/26
(11) EP1893447	C12N 5/10	B01J 23/72
(00) 28.07.2021	C12N 5/09	C07C 29/145
(51) B60R 13/10	(00) Assignment	(00) Assignment
(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.
(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2201618	(11) EP2311108
(11) EP1848026	(00) 19.07.2021	(00) 19.07.2021
(00) 19.07.2021	(51) H01L 33/00	(51) H01L 33/20
(51) H01C 7/00	H01L 33/10	H01L 33/38
H01L 21/00	H01L 33/20	H01L 33/44
H01L 27/08	H01L 33/22	H01L 33/46
H01L 49/02	H01L 33/38	(00) Assignment
H01L 33/00	(00) Assignment	(71) Clariant International Ltd
(00) Assignment	(71) Gilead Sciences, Inc.	(73) Clariant International Ltd
(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Gilead Sciences, Inc.	(11) EP1890804
(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP1716234	(00) 27.07.2021
	(00) 27.07.2021	(51) A23K 1/175

B01J 20/12	F21V 29/00	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	(00) Assignment	(11) EP2261951
(71) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(73) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 21/00
(11) EP2338181	(11) EP2365543	(00) Assignment
(00) 19.07.2021	(00) 19.07.2021	(71) Suzhou Lakin Semiconductor Co., Ltd.
(51) H01L 33/38	(51) H01L 33/20	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	H01L 33/22	(11) EP2312659
(71) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/32	(00) 19.07.2021
(73) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/40	(51) H01L 33/58
(11) EP2219239	(00) Assignment	H01L 33/60
(00) 19.07.2021	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment
(51) H01L 33/00	(73) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/44	(11) EP2258001	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	(00) 19.07.2021	(11) EP2312346
(71) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 33/48	(00) 19.07.2021
(73) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/62	(51) B32B 7/00
(11) EP2337093	H01L 33/64	C09K 11/00
(00) 19.07.2021	(00) Assignment	G02B 5/02
(51) H01L 21/02	(71) Suzhou Lakin Semiconductor Co., Ltd.	G02B 5/20
H01L 33/00	(73) Suzhou Lakin Semiconductor Co., Ltd.	G02F 1/13357
H01L 33/12	(11) EP2228842	(00) Assignment
(00) Assignment	(00) 19.07.2021	(71) Suzhou Lakin Semiconductor Co., Ltd.
(71) Gilead Sciences, Inc.	(51) H01L 33/48	(73) Suzhou Lakin Semiconductor Co., Ltd.
(73) Gilead Sciences, Inc.	H01L 33/62	(11) EP2672299
(11) EP2027266	(00) Assignment	(00) 19.07.2021
(00) 27.07.2021	(71) Suzhou Lakin Semiconductor Co., Ltd.	(51) F21S 8/10
(51) C12N 15/11	(73) Suzhou Lakin Semiconductor Co., Ltd.	F21V 5/02
(00) Assignment	(11) EP2636945	F21V 17/12
(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021	F21V 31/00
(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) F21S 8/04	G02B 3/08
(11) EP2375134	F21V 7/00	G02B 7/02
(00) 19.07.2021	F21K 99/00	G02B 17/08
(51) F21S 8/02	(00) Assignment	G02B 19/00
F21V 7/05	(71) Suzhou Lakin Semiconductor Co., Ltd.	H01L 25/075
F21Y 101/02	(73) Suzhou Lakin Semiconductor Co., Ltd.	F21Y 101/02
F21V 29/00	(11) EP2261949	H01L 33/58
(00) Assignment	(00) 19.07.2021	F21V 29/00
(71) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01C 7/00	F21Y 113/00
(73) Suzhou Lakin Semiconductor Co., Ltd.	H01L 21/00	F21V 9/00
(11) EP2378322	H01L 27/08	(00) Assignment
(00) 19.07.2021	H01L 49/02	(71) Suzhou Lakin Semiconductor Co., Ltd.
(51) F21V 8/00	H01L 33/00	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	(00) Assignment	(11) EP2378553
(71) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(73) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 25/075
(11) EP2458273	(11) EP2605235	(00) Assignment
(00) 19.07.2021	(00) 19.07.2021	(71) CSR BV
(51) F21V 17/06	(51) F21V 7/00	(73) CSR BV
F21V 17/10	G09F 13/00	(11) EP2754753
F21V 17/16	G09F 13/14	(00) 27.07.2021
F21Y 101/02	G09F 13/18	(51) E02D 29/14
F21V 29/00	G09F 13/22	(00) Assignment
F21K 99/00	(00) Assignment	(71) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	(71) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.
(71) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2312631
(73) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2662619	(00) 19.07.2021
(11) EP2482342	(00) 19.07.2021	(51) H01L 25/075
(00) 19.07.2021	(51) F21V 17/12	(00) Assignment
(51) H01L 25/16	F21Y 101/02	(71) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/00	F21V 23/00	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	F21V 29/00	(11) EP2687575
(71) Suzhou Lakin Semiconductor Co., Ltd.	F21K 99/00	(00) 19.07.2021
(73) Suzhou Lakin Semiconductor Co., Ltd.	F21Y 111/00	(51) C09K 11/08
(11) EP2554900	F21V 3/04	C09K 11/59
(00) 19.07.2021	(00) Assignment	C09K 11/77
(51) F21Y 101/02	(71) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/50

(00) Assignment	E01C 9/00	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	F16N 31/00	(71) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2392853	(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2388818
(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(51) F21V 3/02	(11) EP2711603	(51) H01L 25/16
F21V 7/00	(00) 19.07.2021	H01L 33/48
F21V 19/00	(51) F21V 29/76	H01L 33/60
F21Y 101/02	F21S 4/00	(00) Assignment
F21V 29/00	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
F21K 99/00	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2323183
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2226857	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(51) H01L 33/48
(11) EP2450612	(51) H01L 33/22	(00) Assignment
(00) 19.07.2021	H01L 33/48	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) F21K 99/00	(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2246891
(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2330643	(51) H01L 27/15
(11) EP2455987	(00) 19.07.2021	H01L 33/20
(00) 19.07.2021	(51) H01L 33/20	H01L 33/38
(51) H01L 33/04	H01L 33/38	(00) Assignment
H01L 33/06	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/12	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/32	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2623845
(00) Assignment	(11) EP2375459	(00) 19.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(51) F21V 3/02
(73) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/08	F21V 5/04
(11) EP2431656	H01L 33/20	F21Y 101/02
(00) 19.07.2021	H01L 33/38	F21V 29/00
(51) F21S 8/04	(00) Assignment	F21K 99/00
F21V 7/00	(71) Suzhou Legin Semiconductor Co., Ltd.	F21Y 111/00
F21K 99/00	(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 3/04
(00) Assignment	(11) EP2719744	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(71) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(51) C09K 11/77	(73) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2450613	H01L 33/50	(11) EP2348552
(00) 19.07.2021	(00) Assignment	(00) 19.07.2021
(51) F21Y 101/02	(71) CSR BV	(51) H01L 33/48
F21V 23/00	(73) CSR BV	H01L 33/52
F21V 29/00	(11) 1041755	H01L 33/60
F21K 99/00	(00) 27.07.2021	H01L 33/62
(00) Assignment	(51) E01C 9/08	H01L 33/64
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(00) Assignment
(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2383805	(73) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	(11) EP2439794	(11) EP2226856
(51) H01L 33/48	(00) 19.07.2021	(00) 19.07.2021
H01L 33/62	(51) H01L 33/02	(51) H01L 33/14
H01L 33/64	H01L 33/14	H01L 33/20
(00) Assignment	H01L 33/38	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2390712	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2259348
(00) 19.07.2021	(11) EP2458268	(00) 19.07.2021
(51) G02F 1/1333	(00) 19.07.2021	(51) H01L 33/00
G02F 1/13357	(51) F21V 5/04	H01L 33/20
(00) Assignment	F21V 9/16	H01L 33/44
(71) CSR BV	F21Y 115/10	(00) Assignment
(73) CSR BV	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
(11) 2015687	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) 27.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2515622
(51) A01K 1/015	(11) EP2439793	(00) 19.07.2021
B08B 17/02	(00) 19.07.2021	(51) H05K 1/02
B60S 5/02	(51) H01L 33/38	H05K 1/11
E01C 5/20	H01L 33/44	H05K 1/18

H01L 33/48	F21V 23/06	(00) 19.07.2021
H01L 33/60	F21V 31/04	(51) F21S 8/00
H01L 33/62	F21V 23/00	F21S 8/02
H01L 33/64	F21V 29/00	F21S 8/04
(00) Assignment	F21V 29/75	F21V 7/00
(71) Stiftelsen Arcada sr	F21V 29/77	F21V 13/08
(73) Mikael PARONEN	F21K 99/00	F21V 17/16
(11) EP2836808	F21Y 105/00	F21V 19/00
(00) 28.07.2021	F21Y 115/10	F21V 23/04
(51) G01K 17/20	(00) Assignment	F21V 15/00
G01N 25/18	(71) Suzhou Legin Semiconductor Co., Ltd.	F21K 9/00
(00) Change of owner(s) name	(73) Suzhou Legin Semiconductor Co., Ltd.	F21Y 103/00
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2237333	F21Y 115/10
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(00) Assignment
(11) EP2595204	(51) H01L 33/04	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	H01L 33/40	(73) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 33/20	(00) Assignment	(11) EP2894399
H01L 33/22	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
H01L 33/40	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 15/01
H01L 33/62	(11) EP2753873	F21V 31/00
H01L 33/64	(00) 19.07.2021	F21V 29/00
(00) Assignment	(51) F21V 3/04	F21Y 115/10
(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 7/05	(00) Assignment
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 17/00	(71) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2764292	F21K 99/00	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	(00) Assignment	(11) EP2280213
(51) F21V 7/04	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
F21V 17/00	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) F21S 8/04
(00) Assignment	(11) EP2732198	F21V 7/10
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	F21V 17/10
(73) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 7/00	F21S 2/00
(11) EP2485280	F21V 17/00	F21Y 115/10
(00) 19.07.2021	F21S 2/00	(00) Assignment
(51) H01L 33/00	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/10	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/20	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2560042
H01L 33/22	(11) EP2650609	(00) 19.07.2021
H01L 33/38	(00) 19.07.2021	(51) G02F 1/133
(00) Assignment	(51) F21V 7/18	(00) Assignment
(71) Mikael PARONEN	F21V 23/00	(71) Suzhou Legin Semiconductor Co., Ltd.
(73) Mikael PARONEN	F21V 29/70	(73) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2836808	F21K 99/00	(11) EP2772681
(00) 28.07.2021	F21Y 115/10	(00) 19.07.2021
(51) G01K 17/20	(00) Assignment	(51) F21S 8/04
G01N 25/18	(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 15/01
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	F21Y 105/00
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2378571	F21Y 115/10
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(00) Assignment
(11) EP2261950	(51) H01L 33/00	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	H01L 33/20	(73) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 33/38	H01L 33/22	(11) EP2753871
H01L 33/44	H01L 33/38	(00) 19.07.2021
(00) Assignment	H01L 33/40	(51) F21V 9/08
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/42	F21V 14/00
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/46	G03B 21/20
(11) EP2840421	(00) Assignment	H05B 37/02
(00) 19.07.2021	(71) Suzhou Legin Semiconductor Co., Ltd.	F21K 99/00
(51) F21V 8/00	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
G02B 6/00	(11) EP2315278	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.
(71) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/50	(11) EP2581646
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/54	(00) 19.07.2021
(11) EP2729733	H01L 33/62	(51) F21S 8/02
(00) 19.07.2021	(00) Assignment	F21V 7/05
(51) F21V 3/04	(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 19/00
F21V 17/00	(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 29/00
F21V 17/16	(11) EP2287521	F21Y 115/10

(00) Assignment	(00) 19.07.2021	F21V 29/00
(71) Suzhou Legin Semiconductor Co., Ltd.	(51) F21S 8/02	F21V 29/83
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 7/00	F21K 99/00
(11) EP2796782	F21V 17/12	F21Y 115/10
(00) 19.07.2021	G02F 1/1333	(00) Assignment
(51) F21V 17/06	G09F 13/04	(71) Suzhou Legin Semiconductor Co., Ltd.
F21V 17/10	F21V 23/00	(73) Suzhou Legin Semiconductor Co., Ltd.
F21V 17/16	F21S 2/00	(11) EP2772685
F21V 29/00	F21S 4/00	(00) 19.07.2021
F21K 99/00	F21Y 103/00	(51) F21V 29/00
F21Y 103/00	(00) Assignment	F21K 99/00
F21Y 115/10	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2863117	(73) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(11) EP2360744
(11) EP2819186	(51) F21S 8/00	(00) 19.07.2021
(00) 19.07.2021	F21V 7/00	(51) H01L 33/00
(51) H01L 33/48	F21V 29/00	H01L 33/20
H01L 33/54	(00) Assignment	H01L 33/40
H01L 33/62	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/44
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2228835	(71) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2333846	(51) H01L 33/02	(11) EP2927578
(00) 19.07.2021	H01L 33/22	(00) 19.07.2021
(51) H01L 21/762	H01L 33/38	(51) F21V 29/00
H01L 33/00	H01L 33/40	F21K 9/00
H01L 33/62	H01L 33/42	F21Y 115/10
(00) Assignment	H01L 33/44	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2333845	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2171529
(00) 19.07.2021	(11) EP2403019	(00) 19.07.2021
(51) H01L 21/762	(00) 19.07.2021	(51) G02F 1/1335
H01L 33/00	(51) H01L 21/02	G02F 1/13357
H01L 33/62	H01L 33/00	(00) Assignment
(00) Assignment	H01L 33/02	(71) Suzhou Legin Semiconductor Co., Ltd.
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/20	(73) Suzhou Legin Semiconductor Co., Ltd.
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/22	(11) EP2528112
(11) EP2402995	H01L 33/32	(00) 19.07.2021
(00) 19.07.2021	H01L 33/38	(51) H01L 33/00
(51) H01L 27/15	(00) Assignment	H01L 33/32
H01L 33/00	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/40
H01L 33/38	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
H01L 33/40	(11) EP2388835	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.
(71) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/20	(11) EP2369646
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/38	(00) 19.07.2021
(11) EP2466654	(00) Assignment	(51) H01L 27/15
(00) 19.07.2021	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/14
(51) H01L 33/00	(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/38
H01L 33/22	(11) EP2315268	H01L 33/40
H01L 33/38	(00) 19.07.2021	(00) Assignment
H01L 33/40	(51) H01L 21/762	(71) Suzhou Legin Semiconductor Co., Ltd.
F21K 99/00	H01L 33/00	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	H01L 33/62	(11) EP2629003
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 8/00
(11) EP2742277	(73) Suzhou Legin Semiconductor Co., Ltd.	G02F 1/1335
(00) 19.07.2021	(11) EP2827044	(00) Assignment
(51) F21V 17/00	(00) 19.07.2021	(71) Suzhou Legin Semiconductor Co., Ltd.
F21V 29/00	(51) F21V 3/02	(73) Suzhou Legin Semiconductor Co., Ltd.
F21S 2/00	F21V 7/00	(11) EP2541140
(00) Assignment	F21V 7/04	(00) 19.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 13/02	(51) F21V 29/60
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 17/00	F21K 99/00
(11) EP2647908	F21V 19/00	F21Y 115/10

(00) Assignment	(71) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.
(71) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.
(73) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2381491	(11) EP2357682
(11) EP3045798	(00) 19.07.2021	(00) 19.07.2021
(00) 19.07.2021	(51) H01L 33/00	(51) H01S 5/00
(51) F21S 8/04	H01L 33/38	H01S 5/10
F21V 17/10	H01L 33/40	H01L 33/00
F21V 23/02	H01L 33/44	H01L 33/20
F21S 2/00	(00) Assignment	H01L 33/44
F21Y 105/10	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment
F21Y 115/10	(73) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	(11) EP2748528	(73) Suzhou Lakin Semiconductor Co., Ltd.
(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021	(11) EP2228843
(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) F21V 15/01	(00) 19.07.2021
(11) EP2748513	F21V 17/00	(51) H01L 33/48
(00) 19.07.2021	(00) Assignment	H01L 33/62
(51) F21V 17/14	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment
F21V 19/04	(73) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.
F21V 23/06	(11) EP2176895	(73) Suzhou Lakin Semiconductor Co., Ltd.
F21V 29/77	(00) 19.07.2021	(11) EP2219234
F21K 9/232	(51) H01L 33/44	(00) 19.07.2021
F21K 9/237	H01L 33/46	(51) H01L 33/00
F21Y 105/12	H01L 33/48	H01L 33/62
F21Y 115/10	H01L 33/60	(00) Assignment
(00) Assignment	H01L 33/62	(71) Suzhou Lakin Semiconductor Co., Ltd.
(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.
(73) Suzhou Lakin Semiconductor Co., Ltd.	(71) AVA Biochem AG	(11) EP2287520
(11) EP2400568	(73) AVA Biochem AG	(00) 19.07.2021
(00) 19.07.2021	(11) EP2990385	(51) F21S 8/00
(51) H01L 25/075	(00) 23.07.2021	F21S 8/02
H01L 33/58	(51) B01D 61/14	F21S 8/04
(00) Assignment	C02F 1/26	F21V 7/00
(71) Suzhou Lakin Semiconductor Co., Ltd.	C02F 1/44	F21V 13/08
(73) Suzhou Lakin Semiconductor Co., Ltd.	C02F 101/34	F21V 17/16
(11) EP2544248	C02F 103/36	F21V 19/00
(00) 19.07.2021	C07C 51/47	F21V 23/04
(51) H01L 33/02	C07D 307/48	F21K 9/20
H01L 33/22	C10L 9/08	F21Y 103/10
(00) Assignment	(00) Assignment	F21Y 115/10
(71) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment
(73) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.
(11) EP2533312	(11) EP2216833	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) 19.07.2021	(00) 19.07.2021	(11) EP2439796
(51) H01L 25/075	(51) H01L 33/00	(00) 19.07.2021
H01L 33/48	(00) Assignment	(51) H01L 33/14
H01L 33/62	(71) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/38
(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/40
(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP3067927	H01L 33/42
(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021	(00) Assignment
(11) EP2372790	(51) H01L 25/075	(71) Suzhou Lakin Semiconductor Co., Ltd.
(00) 19.07.2021	H01L 25/16	(73) Suzhou Lakin Semiconductor Co., Ltd.
(51) H01L 33/00	H01L 33/48	(11) EP2372792
H01L 33/02	H01L 33/50	(00) 19.07.2021
H01L 33/04	H01L 33/60	(51) H01L 33/42
H01L 33/22	H01L 33/62	H01L 33/44
H01L 33/32	H01L 33/64	(00) Assignment
(00) Assignment	(00) Assignment	(71) Suzhou Lakin Semiconductor Co., Ltd.
(71) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.
(73) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP3073186
(11) EP2378573	(11) EP2262014	(00) 19.07.2021
(00) 19.07.2021	(00) 19.07.2021	(51) F21S 8/02
(51) H01L 33/00	(51) H01L 33/00	F21V 19/00
H01L 33/14	H01L 33/20	F21V 23/00
H01L 33/22	H01L 33/32	F21V 29/71
H01L 33/38	H01L 33/40	F21V 29/75
H01L 33/40	H01L 33/44	F21Y 115/10
(00) Assignment	(00) Assignment	(00) Assignment

(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 29/00	(71) Clariant International Ltd
(73) Suzhou Legin Semiconductor Co., Ltd.	F21K 9/232	(73) Clariant International Ltd
(11) EP2365544	F21Y 111/00	(11) EP2303782
(00) 19.07.2021	F21Y 115/10	(00) 27.07.2021
(51) H01L 27/15	(00) Assignment	(51) B01J 23/755
H01L 33/00	(71) Suzhou Legin Semiconductor Co., Ltd.	C01G 53/04
H01L 33/22	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
H01L 33/38	(11) EP2330640	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/40	(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(51) H01L 33/06	(11) EP2323185
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/18	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/32	(51) H01L 33/50
(11) EP2863246	(00) Assignment	(00) Assignment
(00) 19.07.2021	(71) Gilead Sciences, Inc.	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) F21S 8/10	(73) Gilead Sciences, Inc.	(73) Suzhou Legin Semiconductor Co., Ltd.
F21V 5/02	(11) EP2655623	(11) EP2219235
F21V 17/12	(00) 27.07.2021	(00) 19.07.2021
F21V 31/00	(51) C12N 15/117	(51) H01L 33/20
G02B 3/08	(00) Assignment	H01L 33/48
G02B 7/02	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/64
G02B 17/08	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
G02B 19/00	(11) EP2587284	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 25/075	(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/58	(51) F21V 9/16	(11) EP2492976
F21V 9/00	G02B 5/20	(00) 19.07.2021
F21V 29/00	G02F 1/1335	(51) H01L 33/14
F21V 29/507	(00) Assignment	H01L 33/20
F21V 29/83	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/32
F21Y 101/00	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
F21Y 113/13	(11) EP2737243	(71) Suzhou Legin Semiconductor Co., Ltd.
F21Y 115/10	(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	(51) F21V 7/00	(11) EP2988341
(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 7/04	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 11/14	(51) H01L 33/64
(11) EP2530754	F21V 13/02	(00) Assignment
(00) 19.07.2021	F21V 13/10	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 23/00	F21V 15/01	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 25/075	F21S 2/00	(11) EP3001454
H01L 33/48	F21Y 115/10	(00) 19.07.2021
H01L 33/60	(00) Assignment	(51) H01L 25/16
H01L 33/62	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/20
F21K 99/00	(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/50
F21Y 113/00	(11) EP2725412	H01L 33/62
(00) Assignment	(00) 19.07.2021	H01L 33/64
(71) Suzhou Legin Semiconductor Co., Ltd.	(51) G02F 1/13357	(00) Assignment
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
(11) EP2362449	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2405497
(51) H05K 1/18	(11) EP2848857	(00) 19.07.2021
H05K 3/30	(00) 19.07.2021	(51) H01L 33/14
H01L 33/38	(51) F21V 23/06	H01L 33/22
H01L 33/48	F21V 29/77	(00) Assignment
(00) Assignment	F21K 9/232	(71) Suzhou Legin Semiconductor Co., Ltd.
(71) Gilead Sciences, Inc.	F21Y 105/12	(73) Suzhou Legin Semiconductor Co., Ltd.
(73) Gilead Sciences, Inc.	F21Y 115/10	(11) EP3078897
(11) EP1776124	(00) Assignment	(00) 19.07.2021
(00) 27.07.2021	(71) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 7/04
(51) A61K 31/711	(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 17/00
A61K 31/713	(11) EP3078903	F21K 9/232
(00) Assignment	(00) 19.07.2021	F21K 9/68
(71) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 7/00	F21Y 105/10
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 7/06	F21Y 115/10
(11) EP2944871	F21V 7/07	(00) Assignment
(00) 19.07.2021	F21V 7/08	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) F21V 3/04	F21Y 103/10	(73) Suzhou Legin Semiconductor Co., Ltd.
F21V 17/12	F21Y 115/10	(11) EP2187455
F21V 23/00	(00) Assignment	(00) 19.07.2021

(51) H01L 33/00	(00) Assignment	(11) EP2194585
H01L 33/20	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
H01L 33/38	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/00
(00) Assignment	(11) EP2573826	H01L 33/38
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	H01L 33/44
(73) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 21/02	(00) Assignment
(11) EP2330645	H01L 33/02	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	H01L 33/24	(73) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 33/48	(00) Assignment	(11) EP2365550
H01L 33/62	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/48
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2221883	H01L 33/60
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	H01L 33/62
(11) EP2323181	(51) H01L 33/00	H01L 33/64
(00) 19.07.2021	H01L 33/04	(00) Assignment
(51) H01L 33/14	H01L 33/40	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/38	H01L 33/44	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	H01L 33/64	(11) EP2378324
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 8/00
(11) EP2362451	(73) Suzhou Legin Semiconductor Co., Ltd.	G02B 6/00
(00) 19.07.2021	(11) EP2811217	G02B 27/09
(51) H01L 33/00	(00) 19.07.2021	G02F 1/13357
H01L 33/38	(51) F21V 3/02	H01L 33/58
H01L 33/42	F21V 7/00	(00) Assignment
H01L 33/62	F21V 7/09	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	F21V 7/22	(73) Suzhou Legin Semiconductor Co., Ltd.
(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 19/00	(11) EP3171080
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 23/00	(00) 19.07.2021
(11) EP2789899	F21K 9/27	(51) F21V 29/00
(00) 19.07.2021	F21K 9/68	F21Y 115/10
(51) F21S 8/02	F21Y 101/00	(00) Assignment
F21V 7/05	F21Y 103/10	(71) Suzhou Legin Semiconductor Co., Ltd.
F21V 29/00	F21Y 115/10	(73) Suzhou Legin Semiconductor Co., Ltd.
F21V 29/74	(00) Assignment	(11) EP3064824
F21Y 115/10	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 3/02
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2858127	F21V 3/04
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	F21V 23/02
(11) EP2453165	(51) H01L 33/06	F21V 23/00
(00) 19.07.2021	H01L 33/14	F21V 29/506
(51) F21S 8/02	H01L 33/32	F21V 29/507
F21S 8/04	(00) Assignment	F21V 29/77
F21S 2/00	(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 29/87
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	F21K 9/232
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2228840	F21Y 115/10
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(00) Assignment
(11) EP2287522	(51) H01L 33/00	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	H01L 33/20	(73) Suzhou Legin Semiconductor Co., Ltd.
(51) F21S 8/00	H01L 33/46	(11) EP2355188
F21S 8/02	(00) Assignment	(00) 19.07.2021
F21S 8/04	(71) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/22
F21V 7/00	(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/40
F21V 13/08	(11) EP2188850	H01L 33/42
F21V 17/16	(00) 19.07.2021	H01L 33/44
F21V 19/00	(51) H01L 33/10	(00) Assignment
F21V 23/04	H01L 33/20	(71) Suzhou Legin Semiconductor Co., Ltd.
F21K 9/20	H01L 33/46	(73) Suzhou Legin Semiconductor Co., Ltd.
F21Y 103/10	(00) Assignment	(11) EP2405192
F21Y 115/10	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) F21V 19/00
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2679077	F21K 9/00
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	F21Y 115/10
(11) EP2482345	(51) H05B 33/08	(00) Assignment
(00) 19.07.2021	(00) Assignment	(71) AltruBio Inc.
(51) H01L 33/14	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) AltruBio Inc.
H01L 33/38	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2935259

(00) 27.07.2021	H01L 33/64	(00) Assignment
(51) A61K 31/404	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
A61K 31/407	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
A61K 31/496	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP3133652
A61P 35/00	(11) EP2819184	(00) 19.07.2021
C07D 241/36	(00) 19.07.2021	(51) H01L 33/20
C07D 295/192	(51) H01L 33/10	H01L 33/38
C07D 417/14	H01L 33/38	H01L 33/42
C07K 17/06	H01L 33/46	(00) Assignment
A61K 47/60	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
A61K 47/65	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
A61K 47/68	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP3038173
(00) Assignment	(11) EP2897182	(00) 19.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	(51) H01L 33/48
(73) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/48	H01L 33/58
(11) EP2312654	H01L 33/52	H01L 33/62
(00) 19.07.2021	H01L 33/60	(00) Assignment
(51) H01L 33/36	H01L 33/62	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/38	(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/40	(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP3026717
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP3051597	(51) H01L 33/46
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	H01L 33/48
(11) EP2562815	(51) H01L 33/14	(00) Assignment
(00) 19.07.2021	H01L 33/38	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 25/075	H01L 33/44	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/00	(00) Assignment	(11) EP2711997
H01L 33/38	(71) AltruBio Inc.	(00) 19.07.2021
(00) Assignment	(73) AltruBio Inc.	(51) H01L 33/38
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2044120	H01L 33/48
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 27.07.2021	H01L 33/62
(11) EP2346098	(51) C07K 16/28	H01L 33/64
(00) 19.07.2021	(00) Assignment	(00) Assignment
(51) H01L 33/00	(71) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/12	(73) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/32	(11) EP2254168	(11) EP2187442
F21Y 115/10	(00) 19.07.2021	(00) 19.07.2021
(00) Assignment	(51) H01L 33/00	(51) H01L 27/15
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/36	H01L 33/20
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/38	H01L 33/50
(11) EP2587555	H01L 33/44	(00) Assignment
(00) 19.07.2021	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 27/15	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/24	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2228844
H01L 33/62	(11) EP2610928	(00) 19.07.2021
(00) Assignment	(00) 19.07.2021	(51) H01L 25/16
(71) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/38	H01L 33/48
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	H01L 33/64
(11) EP2369652	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment
(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 33/48	(11) EP2988054	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/62	(00) 19.07.2021	(11) EP2355190
(00) Assignment	(51) F21V 3/02	(00) 19.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 5/04	(51) H01L 33/22
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 7/00	H01L 33/44
(11) EP2738445	F21V 23/00	(00) Assignment
(00) 19.07.2021	F21V 29/00	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) F21V 15/01	F21V 29/77	(73) Suzhou Legin Semiconductor Co., Ltd.
F21K 99/00	F21V 29/87	(11) EP2405499
(00) Assignment	F21V 29/89	(00) 19.07.2021
(71) Suzhou Legin Semiconductor Co., Ltd.	F21K 9/232	(51) H01L 33/38
(73) Suzhou Legin Semiconductor Co., Ltd.	F21K 9/64	H01L 33/40
(11) EP2541598	F21Y 101/00	H01L 33/44
(00) 19.07.2021	F21Y 107/30	(00) Assignment
(51) H01L 25/16	F21Y 107/40	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/48	F21Y 115/10	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/62	F21V 3/04	(11) EP2378555

(00) 19.07.2021	H01L 33/62	(00) Assignment
(51) H01L 27/15	H01L 33/64	(71) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/22	(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/38	(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2860753
(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2592664	(51) H01L 33/32
(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021	H01L 33/44
(11) EP2755246	(51) H01L 33/00	H01L 33/64
(00) 19.07.2021	H01L 33/40	(00) Assignment
(51) H01L 33/48	H01L 33/46	(71) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/60	H01L 33/64	(73) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/62	(00) Assignment	(11) EP2860779
(00) Assignment	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(71) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 33/00
(73) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2709174	H01L 33/32
(11) EP2219241	(00) 19.07.2021	H01L 33/44
(00) 19.07.2021	(51) H01L 25/16	H01L 33/64
(51) H01L 33/48	H01L 33/48	(00) Assignment
H01L 33/60	H01L 33/60	(71) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/62	H01L 33/62	(73) Suzhou Lakin Semiconductor Co., Ltd.
(00) Assignment	(00) Assignment	(11) EP2405501
(71) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(73) Suzhou Lakin Semiconductor Co., Ltd.	(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 33/48
(11) EP2346099	(11) EP3010049	H01L 33/62
(00) 19.07.2021	(00) 19.07.2021	(00) Assignment
(51) H01L 33/00	(51) H01L 33/20	(71) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/40	H01L 33/38	(73) Suzhou Lakin Semiconductor Co., Ltd.
H01L 33/44	H01L 33/48	(11) EP2605293
H01L 33/48	(00) Assignment	(00) 19.07.2021
H01L 33/60	(71) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 33/38
(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/40
(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP3054208	(00) Assignment
(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021	(71) Agilent Technologies, Inc.
(11) EP2590235	(51) F21K 9/00	(73) Agilent Technologies, Inc.
(00) 19.07.2021	(00) Assignment	(11) EP3362928
(51) H01L 33/38	(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 27.07.2021
H01L 33/40	(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) G01N 33/49
(00) Assignment	(11) EP2827387	C12Q 1/6827
(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021	C12Q 1/6881
(73) Suzhou Lakin Semiconductor Co., Ltd.	(51) H01L 33/00	G16B 20/00
(11) EP2393114	H01L 33/22	(00) Assignment
(00) 19.07.2021	H01L 33/32	(71) Suzhou Lakin Semiconductor Co., Ltd.
(51) H01L 25/075	(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.
H01L 25/16	(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2515355
H01L 33/48	(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
H01L 33/60	(11) EP2816615	(51) H01L 33/48
H01L 33/62	(00) 19.07.2021	H01L 33/58
H01L 33/64	(51) H01L 33/02	H01L 33/62
F21K 9/00	H01L 33/10	H01L 33/64
(00) Assignment	H01L 33/14	(00) Assignment
(71) Suzhou Lakin Semiconductor Co., Ltd.	H01L 33/30	(71) Suzhou Lakin Semiconductor Co., Ltd.
(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.
(11) EP2966696	(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2637223
(00) 19.07.2021	(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(51) H01L 23/00	(11) EP2296197	(51) H01L 33/00
H01L 33/48	(00) 19.07.2021	H01L 33/38
H01L 33/60	(51) H01L 33/20	H01L 33/42
H01L 33/62	H01L 33/38	H01L 33/44
H01L 33/64	H01L 33/40	(00) Assignment
(00) Assignment	H01L 33/46	(71) Suzhou Lakin Semiconductor Co., Ltd.
(71) Suzhou Lakin Semiconductor Co., Ltd.	(00) Assignment	(73) Suzhou Lakin Semiconductor Co., Ltd.
(73) Suzhou Lakin Semiconductor Co., Ltd.	(71) Suzhou Lakin Semiconductor Co., Ltd.	(11) EP2701210
(11) EP2966697	(73) Suzhou Lakin Semiconductor Co., Ltd.	(00) 19.07.2021
(00) 19.07.2021	(11) EP2899762	(51) H01L 33/06
(51) H01L 23/00	(00) 19.07.2021	H01L 33/32
H01L 33/48	(51) H01L 33/48	(00) Assignment
H01L 33/60	H01L 33/62	(71) Suzhou Lakin Semiconductor Co., Ltd.

(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2565930	(00) 27.07.2021
(11) EP2988339	(00) 19.07.2021	(51) G01N 33/50
(00) 19.07.2021	(51) H01L 21/02	G01N 33/574
(51) H01L 33/02	H01L 21/20	(00) Assignment
H01L 33/12	H01L 29/10	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/32	H01L 29/20	(73) Suzhou Legin Semiconductor Co., Ltd.
(00) Assignment	H01L 29/778	(11) EP2863444
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/32	(00) 19.07.2021
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(51) H01L 33/32
(11) EP2369649	(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/44
(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/64
(51) F21V 8/00	(11) EP3016153	(00) Assignment
H01L 33/38	(00) 19.07.2021	(71) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/42	(51) H01L 33/38	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/44	(00) Assignment	(11) EP3073538
H01L 33/58	(71) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021
(00) Assignment	(73) Suzhou Legin Semiconductor Co., Ltd.	(51) H01L 33/00
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2237332	H01L 33/02
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 19.07.2021	H01L 33/04
(11) EP2210286	(51) H01L 33/00	H01L 33/06
(00) 19.07.2021	H01L 33/20	H01L 33/10
(51) H01L 25/16	H01L 33/32	H01L 33/12
H01L 33/00	H01L 33/40	H01L 33/14
H01L 33/48	H01L 33/42	H01L 33/30
(00) Assignment	H01L 33/44	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/46	(71) Hobel, Michael
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	Augendopler, Peter
(11) EP2701211	(71) Suzhou Legin Semiconductor Co., Ltd.	H.U. Privatstiftung
(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	(73) Hobel, Michael
(51) H01L 33/14	(11) EP3361520	Augendopler, Peter
H01L 33/30	(00) 19.07.2021	H.U. Privatstiftung
H01L 33/40	(51) H01L 33/00	(11) EP2811835
H01L 33/42	H01L 33/38	(00) 27.07.2021
(00) Assignment	H01L 33/44	(51) A21B 3/13
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/62	A21D 8/06
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) Assignment	(00) Assignment
(11) EP2846368	(71) Suzhou Legin Semiconductor Co., Ltd.	(71) Suzhou Legin Semiconductor Co., Ltd.
(00) 19.07.2021	(73) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 33/54	(11) EP2410583	(11) EP3361519
H01L 33/60	(00) 19.07.2021	(00) 19.07.2021
(00) Assignment	(51) H01L 33/14	(51) H01L 23/00
(71) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/38	H01L 33/48
(73) Suzhou Legin Semiconductor Co., Ltd.	H01L 33/40	H01L 33/62
(11) EP2648236	H01L 33/42	(00) Assignment
(00) 19.07.2021	(00) Assignment	(71) Suzhou Legin Semiconductor Co., Ltd.
(51) H01L 33/00	(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Suzhou Legin Semiconductor Co., Ltd.
H01L 33/40	(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP2518782
H01L 33/46	(11) EP3135994	(00) 19.07.2021
H01L 33/64	(00) 19.07.2021	(51) H01L 33/00
(00) Assignment	(51) F21V 7/18	(00) Assignment
(71) Suzhou Legin Semiconductor Co., Ltd.	F21V 15/01	(71) VG Innovations S.à.r.l.
(73) Suzhou Legin Semiconductor Co., Ltd.	F21V 23/00	(73) VG Innovations S.à.r.l.
(11) EP2983216	F21V 29/70	(11) EP3071895
(00) 19.07.2021	F21K 9/00	(00) 28.07.2021
(51) H01L 33/38	F21Y 115/10	(51) A62B 13/00
H01L 33/40	(00) Assignment	A62C 4/00
H01L 33/44	(71) ORPH PHARMA IP COMPANY LIMITED	F24F 13/08
(00) Assignment	(73) ORPH PHARMA IP COMPANY LIMITED	F24F 11/74
(71) Suzhou Legin Semiconductor Co., Ltd.	(11) EP3478322	(00) Assignment
(73) Suzhou Legin Semiconductor Co., Ltd.	(00) 29.07.2021	(71) Flooring Industries Limited, SARL
(11) EP3001466	(51) A61K 31/395	(11) EP3802103
(00) 19.07.2021	A61K 45/00	(00) 28.07.2021
(51) H01L 33/48	A61P 31/12	(51) B32B 3/06
H01L 33/58	(00) Assignment	B32B 5/02
(00) Assignment	(71) Gilead Sciences, Inc.	B32B 5/18
(71) Suzhou Legin Semiconductor Co., Ltd.	(73) Gilead Sciences, Inc.	B32B 5/24
(73) Suzhou Legin Semiconductor Co., Ltd.	(11) EP3004875	B32B 27/08

B32B 27/30
 B32B 27/32
 E04F 15/10
 (00) Assignment
 (71) Flooring Industries Limited, SARL
 (11) EP3802102
 (00) 28.07.2021
 (51) B32B 3/06
 B32B 5/02
 B32B 5/18
 B32B 5/24
 B32B 27/08
 B32B 27/30
 E04F 15/10
 (00) Assignment
 (71) Qingdao Agricultural University
 (11) 2027994
 (00) 25.06.2021
 (51) B09C 1/10
 (00) Change of owner(s) name

TVH

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