

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

**BESØKSADRESSE**

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▶ +47 22 38 73 00  
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### INID-koder

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(INID= Internationally agreed Numbers for the Identification of Data).

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| (51) | Klasse         |
| (11) | Patentnr       |
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| (30) | Prioritet      |
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| (73) | Innehaver      |
| (72) | Oppfinner      |
| (74) | Fullmektig     |
| (54) | Benevnelse     |

## Allment tilgjengelige patentsøknader (a)

## Kunngjøring etter patentloven § 22, 2. ledd om patentsøknader som er gjort allment tilgjengelige.

|                         |  |                         |   |
|-------------------------|--|-------------------------|---|
| (51) <b>Klasse:</b>     | <b>A01K 69/06 (2006.01)</b><br><b>A01K 69/10 (2006.01)</b>   | (51) <b>Klasse:</b>     | <b>B27B 9/04 (2006.01)</b><br><b>B23D 45/02 (2006.01)</b>   |
| (21) <b>Søknadsnr:</b>  | 20230364   | (21) <b>Søknadsnr:</b>  | 20220392  |
| (22) <b>Inndag:</b>     | 2023.03.31   | (22) <b>Inndag:</b>     | 2022.03.31  |
| (41) <b>Allm.tilgj:</b> | 2023.10.02   | (41) <b>Allm.tilgj:</b> | 2023.10.02  |
| (30) <b>Prioritet:</b>  | 2022.03.31, NO, 20220398   | (24) <b>Løpedag:</b>    | 2022.03.31  |
| (24) <b>Løpedag:</b>    | 2023.03.31   | (71) <b>Søker:</b>      | Henrik Doksrød, Brattåsveien 120, 3140 NØTTERØY   |
| (71) <b>Søker:</b>      | INNOMAR AS, Bark Silas' vei 5, 4876 GRIMSTAD   | (74) <b>Fullmektig:</b> | AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  |
| (74) <b>Fullmektig:</b> | HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge   | (72) <b>Oppfinner:</b>  | Henrik Doksrød, Brattåsveien 120, 3140 NØTTERØY   |
| (72) <b>Oppfinner:</b>  | Tore Halvorsen, Trolldalslia 33, 4870 FEVIK<br>Henrik Strand, Kirkeveien 43, 4816 KOLBJØRNSVIK   | (54) <b>Benevnelse:</b> | Sagjigg for håndholdte sirkelsager  |
| (54) <b>Benevnelse:</b> | SAMMENFOLDBAR TEINE MED SIDEFESTE OG METODE FOR Å TREKKE EI TEINE  |                         |   |
| (51) <b>Klasse:</b>     | <b>A63B 71/06 (2006.01)</b><br><b>A63B 24/00 (2006.01)</b>   | (51) <b>Klasse:</b>     | <b>B63B 39/03 (2006.01)</b><br><b>B63B 39/02 (2006.01)</b><br><b>B63B 35/44 (2006.01)</b><br><b>B63B 1/04 (2006.01)</b> |
| (21) <b>Søknadsnr:</b>  | 20220397   | (21) <b>Søknadsnr:</b>  | 20220385  |
| (22) <b>Inndag:</b>     | 2022.03.31   | (22) <b>Inndag:</b>     | 2022.03.29  |
| (41) <b>Allm.tilgj:</b> | 2023.10.02   | (41) <b>Allm.tilgj:</b> | 2023.10.02  |
| (24) <b>Løpedag:</b>    | 2022.03.31   | (24) <b>Løpedag:</b>    | 2022.03.29  |
| (71) <b>Søker:</b>      | The Social Gaming Group IP B.V., Wibautstraat 131 D, 1091GL AMSTERDAM, Nederland (NL)  | (71) <b>Søker:</b>      | STATIONMAR AS, Malmvegen 2, 4735 EVJE   |
| (74) <b>Fullmektig:</b> | ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  | (74) <b>Fullmektig:</b> | ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge   |
| (72) <b>Oppfinner:</b>  | Frode Jacobsen, Haralds vei 4, 0576 OSLO<br>Bjørn-Gunvar Nessjøen, Gamle Strømsvei 96D, 2010 STRØMMEN<br>Johannes Schuck, Kirkeveien 44 H0303, 0368 OSLO           | (72) <b>Oppfinner:</b>  | Per Andreas Vatne, Vardåsveien 154, 4638 KRISTIANSAND S   |
| (54) <b>Benevnelse:</b> | Camera-based system for game recognition   | (54) <b>Benevnelse:</b> | A heave compensated marine vessel and a method of operation said vessel   |
| (51) <b>Klasse:</b>     | <b>B01D 11/02 (2006.01)</b><br><b>C22B 3/08 (2006.01)</b><br><b>C22B 3/00 (2006.01)</b>  | (51) <b>Klasse:</b>     | <b>B63B 39/03 (2006.01)</b><br><b>B63B 39/02 (2006.01)</b><br><b>B63B 35/44 (2006.01)</b><br><b>B63B 1/04 (2006.01)</b> |
| (21) <b>Søknadsnr:</b>  | 20220405   | (21) <b>Søknadsnr:</b>  | 20221180  |
| (22) <b>Inndag:</b>     | 2022.04.01   | (22) <b>Inndag:</b>     | 2022.11.02  |
| (41) <b>Allm.tilgj:</b> | 2023.10.02   | (41) <b>Allm.tilgj:</b> | 2023.10.02  |
| (24) <b>Løpedag:</b>    | 2022.04.01   | (30) <b>Prioritet:</b>  | 2022.03.29, NO, 20220385  |
| (71) <b>Søker:</b>      | GLENCORE NIKKELVERK AS, Postboks 604, 4606 KRISTIANSAND S  | (24) <b>Løpedag:</b>    | 2022.11.02  |
| (74) <b>Fullmektig:</b> | ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge   | (71) <b>Søker:</b>      | Stationmar AS, Sagmyra 25, 4624 KRISTIANSAND S  |
| (72) <b>Oppfinner:</b>  | Ole Morten Dotterud, Hyllelia 13 C, 4622 KRISTIANSAND S<br>Finn Stålesen, Bringsjordveien 38, 4580 LYNGDAL<br>Therese Amili, Bråvann Platå 76, 4624 KRISTIANSAND S | (74) <b>Fullmektig:</b> | ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge   |
| (54) <b>Benevnelse:</b> | CONTINUOUS DISSOLUTION REACTOR   | (72) <b>Oppfinner:</b>  | Per Andreas Vatne, Vardåsveien 154, 4638 KRISTIANSAND S   |
|                         |  | (54) <b>Benevnelse:</b> | A heave compensated marine vessel   |

(51) **Klasse:** **B63B 59/08 (2006.01)**  
**B63B 59/06 (2006.01)**  
*B63G 8/00 (2006.01)*  
*B08B 3/02 (2006.01)*

(21) **Søknadsnr:** 20220421

(22) **Inndag:** 2022.04.05

(41) **Allm.tilgj:** 2023.10.06

(24) **Løpedag:** 2022.04.05

(71) **Søker:**  
 Environtec Aqua AS, Tele Veveri Industripark, Bjørn Farmanns gate 3, 3678 NOTODDEN

(74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge

(72) **Oppfinner:**  
 Robert Andersen, Bjørn Farmannsgate 3, 3678 NOTODDEN

(54) **Benevnelse:**  
 A surface-cleaning device and vehicle

Krav på norsk er innkommet 2023.01.24.

(51) **Klasse:** **B65G 1/04 (2006.01)**

(21) **Søknadsnr:** 20220389

(22) **Inndag:** 2022.03.30

(41) **Allm.tilgj:** 2023.10.02

(24) **Løpedag:** 2022.03.30

(71) **Søker:**  
 Autostore Technology AS, Stokkastrandvegen 85, 5578 NEDRE VATS

(74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge

(72) **Oppfinner:**  
 Florian Sattler, Radegunderstrasse 215, 8045 GRAZ, Østerrike (AT)

(54) **Benevnelse:**  
 STORAGE SYSTEM WITH CONTAINERS AND ACCESS FRAMES

(51) **Klasse:** **B66F 1/02 (2006.01)**  
**B66F 1/00 (2006.01)**

(21) **Søknadsnr:** 20220401

(22) **Inndag:** 2022.04.01

(41) **Allm.tilgj:** 2023.10.02

(24) **Løpedag:** 2022.04.01

(71) **Søker:**  
 Viking Arm AS, Lommedalsveien 230, 1353 BÆRUMS VERK

(74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(72) **Oppfinner:**  
 Terje Scheen, Teipaveien 31, 1449 DRØBAK

(54) **Benevnelse:**  
 LOCKING DEVICE, SYSTEM AND TOOL

(51) **Klasse:** **C04B 14/04 (2006.01)**  
**C04B 22/08 (2006.01)**  
**C04B 20/10 (2006.01)**

(21) **Søknadsnr:** 20220433

(22) **Inndag:** 2022.04.09

(41) **Allm.tilgj:** 2023.10.10

(24) **Løpedag:** 2022.04.09

(71) **Søker:**  
 RESTONE AS, Hospitalsgata 4, 4006 STAVANGER

(74) **Fullmektig:**  
 ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge

(72) **Oppfinner:**  
 Jill Angélique Clausen, Jonstadveien 18, 5146 FYLLINGSDALEN

Eyvind Time, Hågenholen 7, Hognestad, 4346 BRYNE

(54) **Benevnelse:**  
 Acid-Activated Olivine Cement Filler

Krav på norsk er innkommet 2023.09.29.

(51) **Klasse:** **C09K 8/52 (2006.01)**  
**C09K 8/78 (2006.01)**

(21) **Søknadsnr:** 20230538

(22) **Inndag:** 2023.05.08

(41) **Allm.tilgj:** 2023.05.08

(30) **Prioritet:** 2020.10.28, GB, 2017079.1

(86) **Int.inndag:** 2021.10.28

(86) **Int.søknadsnr:** PCT/GB2021/052795

(24) **Løpedag:** 2021.10.28

(71) **Søker:**  
 Cleansorb Limited, 9th Floor, 107 Cheapside, London Greater, EC2V6DN LONDON, Storbritannia (GB)

(74) **Fullmektig:**  
 AWA NORWAY AS, Hoffsveien 1A, 0275 OSLO, Norge

(72) **Oppfinner:**  
 Ralph Edmund Harris, 9320 Lakeside Boulevard, Suite 100, TX77381 THE WOODLANDS, USA (US)

(54) **Benevnelse:**  
 COMPOSITION AND METHOD OF REDUCING DEPOSITION OF FORMATE IN UNDERGROUND FORMATIONS

(51) **Klasse:** **C12M 1/00 (2006.01)**  
**C07C 1/12 (2006.01)**

(21) **Søknadsnr:** 20230867

(22) **Inndag:** 2023.08.14

(41) **Allm.tilgj:** 2023.08.14

(30) **Prioritet:** 2021.02.25, DE, 20 2021 100 957.8

(86) **Int.inndag:** 2022.02.25

(86) **Int.søknadsnr:** PCT/EP2022/054840

(24) **Løpedag:** 2022.02.25

(71) **Søker:**  
 ELECTROCHAEA GMBH, Semmelweisstrasse 3, 82152 PLANEGG, Tyskland (DE)

(74) **Fullmektig:**  
 NEX & PHISTER Law & IP ApS, Ole Maaløes Vej 3, 2200 COPENHAGEN N, Danmark

(72) **Oppfinner:**  
 Avani Nath GEDDADI, C/O ELECTROCHAEA GMBH, Semmelweisstrasse 3, 82152 PLANEGG, Tyskland (DE)

Laurent LARDON, C/O ELECTROCHAEA GMBH, Semmelweisstrasse 3, 82152 PLANEGG, Tyskland (DE)

Liam BASEN, C/O ELECTROCHAEA GMBH, Semmelweisstrasse 3, 82152 PLANEGG, Tyskland (DE)

(54) **Benevnelse:**  
 HEAT EXCHANGE SYSTEM

(51) **Klasse:** *E04C 2/292 (2006.01)*  
*E04C 2/296 (2006.01)*  
*E04B 1/80 (2006.01)*  
*E04B 1/86 (2006.01)*  
*E04B 1/90 (2006.01)*

(21) **Søknadsnr:** 20220402  
(22) **Inndag:** 2022.04.01  
(41) **Allm.tilgj:** 2023.10.02  
(24) **Løpedag:** 2022.04.01  
(71) **Søker:**  
Bjørn Erling Dingstad, PRESTBAKKEN 35, 2080 EIDSVOLL

(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge

(72) **Oppfinner:**  
Bjørn Erling Dingstad, PRESTBAKKEN 35, 2080 EIDSVOLL

(54) **Benevnelse:**  
A BUILDING ELEMENT

(51) **Klasse:** *E21B 17/02 (2006.01)*  
*E21B 17/04 (2006.01)*  
*H01R 13/04 (2006.01)*  
*H01R 13/52 (2006.01)*  
*H01R 13/533 (2006.01)*  
*H01R 31/06 (2006.01)*  
*H01R 4/28 (2006.01)*  
*H01R 4/70 (2006.01)*  
*H02G 1/12 (2006.01)*  
*H02G 15/18 (2006.01)*

(21) **Søknadsnr:** 20230993  
(22) **Inndag:** 2023.09.14  
(41) **Allm.tilgj:** 2023.09.14  
(30) **Prioritet:** 2021.05.03, US, 17/306,933  
(86) **Int.inndag:** 2021.05.04  
(86) **Int.søknadsnr:** PCT/US2021/030592  
(24) **Løpedag:** 2021.05.04  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

(74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia

(72) **Oppfinner:**  
ROBERT WILLIAM GISSLER, 445 WOODLINE DRIVE, TX77386 SPRING, USA (US)  
STACEY MICHELLE JOINER, 3000 N. SAM HOUSTON PARKWAY E., TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**  
PRESSURE SEALED ELECTRICAL CONNECTION INTERFACE

(51) **Klasse:** *E21B 19/14 (2006.01)*  
*E21B 19/20 (2006.01)*  
*E21B 19/087 (2006.01)*  
*B25J 9/16 (2006.01)*

(21) **Søknadsnr:** 20230923  
(22) **Inndag:** 2023.08.30  
(41) **Allm.tilgj:** 2023.08.30  
(30) **Prioritet:** 2021.02.02, US, 17/248,669  
(86) **Int.inndag:** 2022.01.27  
(86) **Int.søknadsnr:** PCT/US2022/070377  
(24) **Løpedag:** 2022.01.27  
(71) **Søker:**  
National Oilwell Varco, L.P., 7909 Parkwood Circle Drive, TX77036 HOUSTON, USA (US)

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(72) **Oppfinner:**  
Justin Benjamin Kinney, 1931 Kingston Meadow Ln, TX77494 HOUSTON, USA (US)  
Hyo Sang MOON, 10353 Richmond Ave, TX77042 HOUSTON, USA (US)  
Dominick MANCUSO, 1174 Briar Canyon Ct., TX77377 TOMBALL, USA (US)

(54) **Benevnelse:**  
ROBOT END-EFFECTOR ORIENTATION CONSTRAINT FOR PIPE TAILING PATH

(51) **Klasse:** *E21B 33/06 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/13 (2006.01)*  
*E21B 33/134 (2006.01)*  
*E21B 34/14 (2006.01)*

(21) **Søknadsnr:** 20230954  
(22) **Inndag:** 2023.09.05  
(41) **Allm.tilgj:** 2023.09.05  
(30) **Prioritet:** 2021.04.26, US, 63/179,866  
2021.12.30, US, 17/565,558  
(86) **Int.inndag:** 2021.12.30  
(86) **Int.søknadsnr:** PCT/US2021/065602  
(24) **Løpedag:** 2021.12.30  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

(74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia

(72) **Oppfinner:**  
PAUL RENNISON, 2550 COUNTRY CLUB DRIVE, U BUILDING - 1ST FLOOR (121), TX75006-5401 CARROLLTON, USA (US)  
ROGER CLARK, 2550 COUNTRY CLUB DRIVE, U BUILDING - 1ST FLOOR (121), TX75006-5401 CARROLLTON, USA (US)  
GEIR JØRGENSEN, 2550 COUNTRY CLUB DRIVE, U BUILDING - 1ST FLOOR (121), TX75006-5401 CARROLLTON, USA (US)  
ROBERT WALKER, 2550 COUNTRY CLUB DRIVE, U BUILDING - 1ST FLOOR (121), TX75006-5401 CARROLLTON, USA (US)  
KRISTOFFER LANDRE, 2550 COUNTRY CLUB DRIVE, U BUILDING - 1ST FLOOR (121), TX75006-5401 CARROLLTON, USA (US)  
KATHERINE DAVIES, 2550 COUNTRY CLUB DRIVE, U BUILDING - 1ST FLOOR (121), TX75006-5401 CARROLLTON, USA (US)

(54) **Benevnelse:**  
ADJUSTABLE INJECTION VALVE FOR A PLUG AND ABANDONMENT ANCHORING DEVICE

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 33/122 (2006.01)*  
*E21B 33/124 (2006.01)*  
*E21B 34/10 (2006.01)*
- (21) **Søknadsnr:** 20230977  
(22) **Inndag:** 2023.09.12  
(41) **Allm.tilgj:** 2023.09.12  
(30) **Prioritet:** 2021.06.02, US, 63/202,237  
2021.12.09, US, 17/546,984  
(86) **Int.inndag:** 2021.12.10  
(86) **Int.søknadsnr:** PCT/US2021/072862  
(24) **Løpedag:** 2021.12.10  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston  
Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA  
LONDON, Storbritannia
- (72) **Oppfinner:**  
Barry Richardson Main, Westhill Business Park, Tay  
Facility, Peregrine Road, AB326JL WESTHILL,  
ABERDEENSHIRE, Storbritannia (GB)  
Scott Elliott Wallace, Westhill Business Park, Tay Facility,  
Peregrine Road, AB326JL WESTHILL,  
ABERDEENSHIRE, Storbritannia (GB)  
Peter D W Inglis, Elliott Industrial Estate, DD112HJ  
ARBROATH HIGHLAND, Storbritannia (GB)  
Shane Robert Burckhard, 2550 Country Club Drive,  
TX75006 CARROLLTON, USA (US)
- (54) **Benevnelse:**  
SEALING ASSEMBLY FOR WELLBORE OPERATIONS

- (51) **Klasse:** *E21B 41/00 (2006.01)*  
*F24T 10/13 (2018.01)*  
*H01L 35/28 (2006.01)*
- (21) **Søknadsnr:** 20220367  
(22) **Inndag:** 2022.03.28  
(41) **Allm.tilgj:** 2023.09.29  
(24) **Løpedag:** 2022.03.28  
(71) **Søker:**  
AFFIN AS, Heddalsvegen 11, 3674 NOTODDEN
- (74) **Fullmektig:**  
APACE IP AS, Parkveien 55, 0256 OSLO, Norge
- (72) **Oppfinner:**  
Harald Furu, Oscars gate 39, 0258 OSLO  
Helge Brandsæter, Moneheia 88, 4656 HAMRESANDEN
- (54) **Benevnelse:**  
ASSEMBLY FOR GENERATING ELECTRICITY IN A  
PRODUCTION WELL OF A HOT FLUID

Krav på norsk er innkommet 2023.10.10.

- (51) **Klasse:** *E21B 47/10 (2012.01)*  
*E21B 21/08 (2006.01)*
- (21) **Søknadsnr:** 20230885  
(22) **Inndag:** 2023.08.18  
(41) **Allm.tilgj:** 2020.01.08  
(30) **Prioritet:** 2018.03.15, GB, 1804179.8  
(62) **Utskilt fra:** 20221071, med inndato 2022.10.06  
(62) **Avdelt fra:** 20221071, med inndato 2022.10.06  
(86) **Int.inndag:** 2018.07.11  
(86) **Int.søknadsnr:** PCT/NO2018/050186  
(24) **Løpedag:** 2018.07.11  
(68) **Basispatent:** 20221071, med inndato 2022.10.06  
(71) **Søker:**  
EQUINOR ENERGY AS, Forusbeen 50, 4035  
STAVANGER
- (74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge
- (72) **Oppfinner:**  
Steinar ELGSÆTER, Astri Aasens veg 30, 7051  
TRONDHEIM  
Espen Hauge, Ingemann Torps vei 114, 7040  
TRONDHEIM  
John-Morten Godhavn, Nedre Bergsvingen 9, 7052  
TRONDHEIM
- (54) **Benevnelse:**  
METHOD AND SYSTEM FOR MONITORING INFLUX  
AND LOSS EVENTS IN A WELLBORE

- (51) **Klasse:** *G01M 3/40 (2006.01)*  
*B29C 49/80 (2006.01)*  
*G01N 27/20 (2006.01)*  
*G01N 27/24 (2006.01)*  
*G01N 27/60 (2006.01)*  
*G01N 27/61 (2006.01)*
- (21) **Søknadsnr:** 20221047  
(22) **Inndag:** 2022.09.30  
(41) **Allm.tilgj:** 2023.10.16  
(24) **Løpedag:** 2022.09.30  
(71) **Søker:**  
Delta Engineering bvba, Parkbos 1, 9500 OPHASSELT,  
Belgia (BE)
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (72) **Oppfinner:**  
Danny de Bruyn, c/o Delta Engineering bvba, Parkbos 1,  
9500 OPHASSELT, Belgia (BE)
- (54) **Benevnelse:**  
High voltage leak testing method and device

Krav på norsk er innkommet 2023.08.01.

- (51) **Klasse:** *G01N 17/02 (2006.01)*  
*G01N 27/30 (2006.01)*
- (21) **Søknadsnr:** 20230772  
(22) **Inndag:** 2023.07.07  
(41) **Allm.tilgj:** 2023.07.07  
(30) **Prioritet:** 2020.12.11, BR, BR 10 2020 025457 0  
(86) **Int.inndag:** 2021.11.25  
(86) **Int.søknadsnr:** PCT/BR2021/050515  
(24) **Løpedag:** 2021.11.25  
(71) **Søker:**  
PETRÓLEO BRASILEIRO S.A. - PETROBRAS, Av.  
República do Chile no 65, Centro, 20031-912 RIO DE  
JANEIRO, Brasil (BR)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
Herlado Raimundo PINTO PAMPLONA, Rua Alzir  
Bejamin Chaloub No. 222Mirante da Lagoa, 27925-515  
MACAE, Brasil (BR)
- (54) **Benevnelse:**  
REMOTE CORROSION-MONITORING SYSTEM



(51) **Klasse:** *G01V 1/18 (2006.01)*  
*G01V 1/38 (2006.01)*

(21) **Søknadsnr:** 20220403

(22) **Inndag:** 2022.04.01

(41) **Allm.tilgj:** 2023.10.02

(24) **Løpedag:** 2022.04.01

(71) **Søker:**  
REFLECTION MARINE NORGE AS, Damsgårdsveien  
135, 5160 LAKSEVÅG

(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge

(72) **Oppfinner:**  
Gunnar Herø, Butterudveien 3, 1339 VØYENENGA  
Terje Leslie Mostue, Borgentoppen 52, 1388 BORGES  
Alexander Matrosov, Øgårdsvæien 52 B, 1390 VOLLEN  
Erik Heggem Brokstad, Åkerholtbakkane 16, 3090 HOF  
Lucas Martinus Joseph Geurts, Fjordgløttveien 12, 0575  
OSLO  
Vidar Anders Husom, Oppsjølia 32 A, 1385 ASKER

(54) **Benevnelse:**  
A Seismic Node and A Method for Producing a Seismic  
Node

(51) **Klasse:** *G01V 1/38 (2006.01)*  
*B63G 8/00 (2006.01)*

(21) **Søknadsnr:** 20220390

(22) **Inndag:** 2022.03.30

(41) **Allm.tilgj:** 2023.10.02

(24) **Løpedag:** 2022.03.30

(71) **Søker:**  
MAGSEIS FAIRFIELD ASA, Strandveien 50, 1366  
LYSAKER

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(72) **Oppfinner:**  
Mark ZAJAC, Operagata 69 A, 0194 OSLO

(54) **Benevnelse:**  
METHOD OF AND SYSTEM FOR TRANSMITTING  
SEISMIC DATA FROM A SUBSEA SEISMIC SENSOR

(51) **Klasse:** *G01V 5/10 (2006.01)*  
*G01V 5/08 (2006.01)*  
*G01V 5/12 (2006.01)*  
*G01V 11/00 (2006.01)*  
*G01V 1/20 (2006.01)*

(21) **Søknadsnr:** 20230958

(22) **Inndag:** 2023.09.08

(41) **Allm.tilgj:** 2023.09.08

(30) **Prioritet:** 2021.03.12, US, 17/199,979

(86) **Int.inndag:** 2022.02.25

(86) **Int.søknadsnr:** PCT/US2022/017794

(24) **Løpedag:** 2022.02.25

(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021  
Aldine Westfield Road, TX77073 HOUSTON, USA (US)

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(72) **Oppfinner:**  
Feyzi Inanc, 17021 Aldine Westfield Road, TX77073  
HOUSTON, USA (US)  
Toyli Anniyev, 17021 Aldine Westfield Road, TX77073  
HOUSTON, USA (US)  
Maxim Vasilyev, 17021 Aldine Westfield Road, TX77073  
HOUSTON, USA (US)  
Ezzatollah ESFANDIARI, 17021 Aldine Westfield Road,  
TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
SYSTEMS AND METHODS FOR DETERMINING CLEAN  
INELASTIC AND CAPTURE SPECTRA

Krav på norsk er innkommet 2023.09.08.

(51) **Klasse:** *G06Q 50/16 (2012.01)*  
*G06N 3/08 (2023.01)*

(21) **Søknadsnr:** 20230547

(22) **Inndag:** 2023.05.09

(41) **Allm.tilgj:** 2023.05.09

(30) **Prioritet:** 2020.12.22, US, 17/130,708

(86) **Int.inndag:** 2020.12.23

(86) **Int.søknadsnr:** PCT/US2020/066899

(24) **Løpedag:** 2020.12.23

(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam  
Houston Parkway East, TX77032 HOUSTON, USA (US)

(74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA  
LONDON, Storbritannia

(72) **Oppfinner:**  
Mehran HASSANPOUR, 4405 Eli Street, TX77007  
HOUSTON, USA (US)  
Genbao Shi, 6110 Ashford Falls Ln., TX77479 SUGAR  
LAND, USA (US)  
STEVEN BRYAN WARD, 405 PECORE STREET,  
TX77009 HOUSTON, USA (US)

(54) **Benevnelse:**  
GEOLOGICAL PROPERTY MODELING WITH NEURAL  
NETWORK REPRESENTATIONS

(51) **Klasse:** *G06V 20/13 (2022.01)*  
*G06V 20/17 (2022.01)*  
*G06V 20/10 (2022.01)*  
*G06T 7/11 (2017.01)*  
*G06T 7/00 (2006.01)*  
*G06K 9/00 (2006.01)*  
*G06Q 50/02 (2012.01)*

(21) **Søknadsnr:** 20220416

(22) **Inndag:** 2022.04.05

(41) **Allm.tilgj:** 2023.10.06

(24) **Løpedag:** 2022.04.05

(71) **Søker:**  
DIGIFARM AS, c/o Klosser Innovasjon, Holsetgata 22,  
2317 HAMAR

(74) **Fullmektig:**  
LIGL IP CONSULT AS, Postboks 1474 Vika, 0116 OSLO,  
Norge

(72) **Oppfinner:**  
Nils Solum Helset, ILSENGVEGEN 51, 2322 RIDABU  
Alexei Melnitchouck, 72 Everglade Circle SW, ABT2Y4N4  
CALGARY, Canada (CA)  
Yosef Akhtman, Ch de la Scierie 10, 1162 St-Prex  
SWITZERLAND, Sveits (CH)  
Konstantin Varik, Calle Leo 4 Javea, 03730 ALICANTE,  
Spania (ES)

(54) **Benevnelse:**  
Methods and systems for estimating crop yield from  
vegetation index data

(51) **Klasse:** *H02P 6/04 (2016.01)*  
*H02P 6/14 (2016.01)*

(21) **Søknadsnr:** 20220785

(22) **Inndag:** 2022.07.07

(41) **Allm.tilgj:** 2023.10.16

(24) **Løpedag:** 2022.07.07

(71) **Søker:**  
In Motion AS, Moljevegen 50, 6083 GJERDSVIKA

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(72) **Oppfinner:**  
Hallvard Slettevoll, Øvre Dekkene 8, 6083 GJERDSVIKA

(54) **Benevnelse:**  
SYSTEM FOR Å DRIVE ELEKTRISKE MOTORER

## Meddelte patenter B1

Følgende patenter er meddelt i henhold til patentlovens § 21, og de er tilgjengelige på <https://search.patentstyret.no/advanced> under publikasjoner.

Innsigelse må fremsettes skriftlig, være begrunnet og kommet inn til Patentstyret innen 9 måneder fra meddelelsesdato (jfr. Patentlovens § 24 og patentforskriften § 47).

|                            |  |                            |  |
|----------------------------|--|----------------------------|--|
| (51) <b>Klasse:</b>        | <b>A61K 31/506 (2006.01)</b><br><b>A61K 9/16 (2006.01)</b><br><b>A61P 35/02 (2006.01)</b>    | (51) <b>Klasse:</b>        | <b>B63B 3/14 (2006.01)</b><br><b>B63B 35/03 (2006.01)</b><br><b>F16L 1/19 (2006.01)</b><br><b>F16L 1/20 (2006.01)</b>  |
| (11) <b>Patentnr:</b>      | <b>347404</b>  | (11) <b>Patentnr:</b>      | <b>347396</b>  |
| (21) <b>Søknadsnr:</b>     | 20220946   | (21) <b>Søknadsnr:</b>     | 20161776   |
| (22) <b>Inng.dag:</b>      | 2022.09.02   | (22) <b>Inng.dag:</b>      | 2016.11.10   |
| (30) <b>Prioritet:</b>     | 2006.09.27, EP, 06121371<br>2006.09.27, EP, 06121371.6                                       | (22) <b>Inng.dag:</b>      | 2016.11.10   |
| (86) <b>Int.inng.dag:</b>  | 2007.09.25   | (30) <b>Prioritet:</b>     | 2014.05.15, GB, 1408653.2  |
| (86) <b>Int.Søknadsnr:</b> | PCT/EP2007/060165  | (86) <b>Int.inng.dag:</b>  | 2015.04.30   |
| (62) <b>Avdelt fra:</b>    | 20091501, med inndato 2009.04.16   | (86) <b>Int.Søknadsnr:</b> | PCT/IB2015/000856  |
| (62) <b>Utskilt fra:</b>   | 20091501, med inndato 2009.04.16   | (24) <b>Løpedag:</b>       | 2015.04.30   |
| (24) <b>Løpedag:</b>       | 2007.09.25   | (41) <b>Allm.tilg.dag:</b> | 2016.11.10   |
| (41) <b>Allm.tilg.dag:</b> | 2009.04.24   | (45) <b>Meddelt:</b>       | 2023.10.16   |
| (45) <b>Meddelt:</b>       | 2023.10.16   | (73) <b>Innehaver:</b>     | Technip France, 6-8, Allée de l'Arche, Faubourg de l'Arche, ZAC Danton, 92400 COURBEVOIE, Frankrike (FR)               |
| (73) <b>Innehaver:</b>     | Novartis AG, Lichtstrasse 35, 4056 BASEL, Sveits (CH)  | (74) <b>Fullmektig:</b>    | HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge   |
| (74) <b>Fullmektig:</b>    | ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  | (72) <b>Oppfinner:</b>     | Andrew Green, Wreaton Farm, Kemnay, AB515PN INVURIE, ABERDEENSHIRE, Storbritannia (GB)                                 |
| (72) <b>Oppfinner:</b>     | Nathalie Bruneau, Appt 111 - Bât 1, Les Reflets du Thiou, 74960 CRAN-GEVRIER, Frankrike (FR) | (54) <b>Benevnelse:</b>    | Moonpool work table  |
| (54) <b>Benevnelse:</b>    | Granuler eller granulert blanding, samt farmasøytiske preparater omfattende slike            |                            |  |
| <hr/>                      |  | <hr/>                      |  |
| (51) <b>Klasse:</b>        | <b>B01D 45/14 (2006.01)</b><br><b>B07B 7/083 (2006.01)</b><br><b>B04B 5/12 (2006.01)</b>     | (51) <b>Klasse:</b>        | <b>B63B 59/08 (2006.01)</b><br><b>B63B 59/06 (2006.01)</b><br><b>B63G 8/00 (2006.01)</b><br><b>B08B 3/02 (2006.01)</b> |
| (11) <b>Patentnr:</b>      | <b>347399</b>  | (11) <b>Patentnr:</b>      | <b>347393</b>  |
| (21) <b>Søknadsnr:</b>     | 20201241   | (21) <b>Søknadsnr:</b>     | 20220421   |
| (22) <b>Inng.dag:</b>      | 2020.11.16   | (22) <b>Inng.dag:</b>      | 2022.04.05   |
| (24) <b>Løpedag:</b>       | 2020.11.16   | (24) <b>Løpedag:</b>       | 2022.04.05   |
| (41) <b>Allm.tilg.dag:</b> | 2022.05.17   | (41) <b>Allm.tilg.dag:</b> | 2023.10.06   |
| (45) <b>Meddelt:</b>       | 2023.10.16   | (45) <b>Meddelt:</b>       | 2023.10.16   |
| (73) <b>Innehaver:</b>     | VENÅS KARL ING AS, Hamangskogen 73, 1338 SANDVIKA  | (73) <b>Innehaver:</b>     | Environtec Aqua AS, Tele Veveri Industripark, Bjørn Farmanns gate 3, 3678 NOTODDEN                                     |
| (74) <b>Fullmektig:</b>    | ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  | (74) <b>Fullmektig:</b>    | ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge   |
| (72) <b>Oppfinner:</b>     | Karl Venås, Hamangskogen 73, 1338 SANDVIKA   | (72) <b>Oppfinner:</b>     | Robert Andersen, Bjørn Farmannsgate 3, 3678 NOTODDEN   |
| (54) <b>Benevnelse:</b>    | System for utskilling av partikler fra en forurenset gass                                    | (54) <b>Benevnelse:</b>    | A surface-cleaning device and vehicle  |



- (51) **Klasse:** *B63G 8/00 (2006.01)*  
*B63B 21/66 (2006.01)*
- (11) **Patentnr:** 347397
- (21) **Søknadsnr:** 20191097
- (22) **Inng.dag:** 2019.09.12
- (24) **Løpedag:** 2019.09.12
- (41) **Allm.tilg.dag:** 2021.03.15
- (45) **Meddelt:** 2023.10.16
- (73) **Innehaver:**  
Kongsberg Maritime AS, Kirkegårdsveien 45, 3616  
KONGSBERG
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Henrik Alpo Sjøblom, v/ Kongsberg Maritime AS, Lysaker  
torg 35, 1366 LYSAKER  
Vidar Smines, v/ Kongsberg Maritime AS, Lysaker torg 35,  
1366 LYSAKER
- (54) **Benevnelse:**  
Intermediate docking station for underwater vehicles

- (51) **Klasse:** *C12M 1/107 (2006.01)*  
*C12M 1/00 (2006.01)*  
*C12P 5/02 (2006.01)*  
*C02F 11/04 (2006.01)*
- (11) **Patentnr:** 347395
- (21) **Søknadsnr:** 20211022
- (22) **Inng.dag:** 2021.08.24
- (24) **Løpedag:** 2021.08.24
- (41) **Allm.tilg.dag:** 2023.02.27
- (45) **Meddelt:** 2023.10.16
- (73) **Innehaver:**  
WAI ENVIRONMENTAL SOLUTIONS AS, Raveien 205,  
3184 BORRE
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Gang Xin, Rugdeveien 16, 3142 VESTSKOGEN  
Steinar Danielsen, Rønningsveien 90 A, 3153  
TOLVSRØD  
Carlos Dinamarca, Rognsveien 272, 3961 STATHELLE
- (54) **Benevnelse:**  
Process for treatment of organic waste and resource  
recovery

- (51) **Klasse:** *C25C 3/08 (2006.01)*  
*C25C 3/16 (2006.01)*
- (11) **Patentnr:** 347406
- (21) **Søknadsnr:** 20150900
- (22) **Inng.dag:** 2015.07.09
- (86) **Int.inng.dag:** 2012.12.21
- (86) **Int.Søknadsnr:** PCT/RU2012/001090
- (24) **Løpedag:** 2012.12.21
- (41) **Allm.tilg.dag:** 2015.07.09
- (45) **Meddelt:** 2023.10.16
- (73) **Innehaver:**  
OBSSHCHESTVO S OGRANICHENNOY  
OTVETSTVENNOSTYU OBEDINENNAYA KOMPANIYA  
RUSAL INZHENERNO-TEKHNOLOGICHESKIY  
TSENTER, ul. Pogranichnikov, 37, str. 1, 660111  
KRASNOYARSK, Russland (RU)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Aleksandr Gusev, Ul. Akademgorodok, D. 23, Kv.101,  
660036 KRASNOYARSK, Russland (RU)  
Aleksy Burtsev, Ul. Akademgorodok, D.23, KV. 147,  
660036 KRASNOYARSK, Russland (RU)  
Dmitry Alexandrovich Simakov, ul. Alekseeva, D. 109, Kv.  
76, 660077 G. KRASNOYARSK, Russland (RU)  
Aleksandr Lhonidovich Voynich, UL. 60 LET  
OKTYABRYA, D. 59 "A", KV. 141, 660079 G  
KRASNOYARSK, Russland (RU)  
Aleksandr Yur'evich Kolmakov, UL. 60 LET OKTYABRYA,  
D. 59 "A", KV. 141, 660125 G KRASNOYARSK, Russland  
(RU)
- (54) **Benevnelse:**  
Aluminum electrolysis cell cathode shunt design

- (51) **Klasse:** *E21B 33/064 (2006.01)*  
*E21B 33/035 (2006.01)*  
*E21B 47/00 (2012.01)*  
*E21B 47/10 (2012.01)*
- (11) **Patentnr:** 347407
- (21) **Søknadsnr:** 20170225
- (22) **Inng.dag:** 2017.02.15
- (30) **Prioritet:** 2016.02.19, GB, 1602942.3
- (24) **Løpedag:** 2017.02.15
- (41) **Allm.tilg.dag:** 2017.08.21
- (45) **Meddelt:** 2023.10.16
- (73) **Innehaver:**  
Aker Solutions Limited, Building 6 Chiswick Park, 566  
Chiswick High Road, W45HR LONDON, Storbritannia  
(GB)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Simon Cruickshanks, c/o Aker Subsea Limited, Unit 12,  
Cordwallis Industrial Estate, Clivemont Road, SL67BZ  
MAIDENHEAD, BERKSHIRE, Storbritannia (GB)  
Andy Dyson, c/o Aker Subsea Limited, Unit 12, Cordwallis  
Industrial Estate, Clivemont Road, SL67BZ  
MAIDENHEAD, BERKSHIRE, Storbritannia (GB)  
Peter Saville, c/o Aker Subsea Limited, Unit 12, Cordwallis  
Industrial Estate, Clivemont Road, SL67BZ  
MAIDENHEAD, BERKSHIRE, Storbritannia (GB)  
Stephen Ogg, c/o Aker Subsea Limited, Unit 12,  
Cordwallis Industrial Estate, Clivemont Road, SL67BZ  
MAIDENHEAD, BERKSHIRE, Storbritannia (GB)
- (54) **Benevnelse:**  
Apparatus and Method for Testing a Blowout Preventer

(51) **Klasse:** *F16L 57/06 (2006.01)*  
 (11) **Patentnr:** **347398**  
 (21) **Søknadsnr:** 20161811  
 (22) **Inng.dag:** 2016.11.16  
 (30) **Prioritet:** 2015.11.18, BR, 10 2015 028933-2  
 (24) **Løpedag:** 2016.11.16  
 (41) **Allm.tilg.dag:** 2017.05.19  
 (45) **Meddelt:** 2023.10.16  
 (73) **Innehaver:**  
 Petróleo Brasileiro S.A. - Petrobras, Av. Horácio Macedo  
 no. 950, Cidade Universitária Ilha do Fundão, 21941-915  
 RIO DE JANEIRO, Brasil (BR)  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (72) **Oppfinner:**  
 Alexandre Soares Rabelo, Rua Professor Taciell Cylleno,  
 591/301 Recreio dos Bandeirantes, 22790010 RIO DE  
 JANEIRO, Brasil (BR)  
 Volney Soares Lopes, Rua Jornalista Henrique Cordeiro,  
 70/1607-2, 59075-450 RIO DE JANEIRO, Brasil (BR)  
 Antonio Marcos Rego Motta, Rua Osvaldo Cruz, 67/305  
 Flamengo, 22250-060 RIO DE JANEIRO, Brasil (BR)  
 (54) **Benevnelse:**  
 METHOD TO INSTALL A WEAR-RESISTANT POLYMER  
 SLEEVE IN A METAL PIPE BEND STIFFENER

(51) **Klasse:** *G01M 3/04 (2006.01)*  
*G01M 3/36 (2006.01)*  
 (11) **Patentnr:** **347401**  
 (21) **Søknadsnr:** 20130423  
 (22) **Inng.dag:** 2013.03.25  
 (24) **Løpedag:** 2013.03.25  
 (41) **Allm.tilg.dag:** 2014.09.26  
 (45) **Meddelt:** 2023.10.16  
 (73) **Innehaver:**  
 Beerenberg Corp AS, Postboks 273 Slåtthaug, 5851  
 BERGEN  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Geir Harris, Dolvikshaugene 150, 5252 SØREIDGREND  
 Olav Bjørn Lygre, Lurevegen 1453, 5912 SEIM  
 (54) **Benevnelse:**  
 Lekkasjeindikator

(51) **Klasse:** *G01M 3/40 (2006.01)*  
*B29C 49/80 (2006.01)*  
*G01N 27/20 (2006.01)*  
*G01N 27/24 (2006.01)*  
*G01N 27/60 (2006.01)*  
*G01N 27/61 (2006.01)*  
 (11) **Patentnr:** **347400**  
 (21) **Søknadsnr:** 20221047  
 (22) **Inng.dag:** 2022.09.30  
 (24) **Løpedag:** 2022.09.30  
 (41) **Allm.tilg.dag:** 2023.10.16  
 (45) **Meddelt:** 2023.10.16  
 (73) **Innehaver:**  
 Delta Engineering bvba, Parkbos 1, 9500 OPHASSELT,  
 Belgia (BE)  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (72) **Oppfinner:**  
 Danny de Bruyn, c/o Delta Engineering bvba, Parkbos 1,  
 9500 OPHASSELT, Belgia (BE)  
 (54) **Benevnelse:**  
 High voltage leak testing method and device

(51) **Klasse:** *G01V 1/36 (2006.01)*  
*G01V 1/28 (2006.01)*  
 (11) **Patentnr:** **347402**  
 (21) **Søknadsnr:** 20150239  
 (22) **Inng.dag:** 2015.02.19  
 (30) **Prioritet:** 2014.02.26, US, 61/944,688  
 2014.04.29, US, 14/264,237  
 (24) **Løpedag:** 2015.02.19  
 (41) **Allm.tilg.dag:** 2015.08.27  
 (45) **Meddelt:** 2023.10.16  
 (73) **Innehaver:**  
 PGS Geophysical AS, Postboks 251 Lilleaker, 0216 OSLO  
 (74) **Fullmektig:**  
 ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
 (72) **Oppfinner:**  
 Rolf HuiBERT Baardman, Haagse Schouwweg 8, 2332KG  
 LEIDEN, Nederland (NL)  
 (54) **Benevnelse:**  
 METHODS AND SYSTEMS FOR QUANTIFYING  
 COHERENCY AND CONSTRAINING COHERENCY-  
 BASED SEPARATION IN SIMULTANEOUS SHOOTING  
 ACQUISITION

(51) **Klasse:** *G01V 1/36 (2006.01)*  
*G01V 1/48 (2006.01)*  
*G01V 1/38 (2006.01)*  
 (11) **Patentnr:** **347405**  
 (21) **Søknadsnr:** 20151338  
 (22) **Inng.dag:** 2015.10.07  
 (30) **Prioritet:** 2014.10.20, US, 62/065,910  
 2015.08.06, US, 14/820,415  
 (24) **Løpedag:** 2015.10.07  
 (41) **Allm.tilg.dag:** 2016.04.21  
 (45) **Meddelt:** 2023.10.16  
 (73) **Innehaver:**  
 PGS Geophysical AS, Postboks 251 Lilleaker, 0216 OSLO  
 (74) **Fullmektig:**  
 ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
 (72) **Oppfinner:**  
 Stian Hegna, Postboks 251 Lilleaker, 0216 OSLO  
 (54) **Benevnelse:**  
 METHODS AND SYSTEMS THAT ATTENUATE NOISE  
 IN SEISMIC DATA

- (51) **Klasse:** *G01V 8/16 (2006.01)*  
*G01V 1/18 (2006.01)*  
*G01D 5/353 (2006.01)*  
*G01H 9/00 (2006.01)*
- (11) **Patentnr:** **347403**
- (21) **Søknadsnr:** 20151629
- (22) **Inng.dag:** 2015.12.01
- (30) **Prioritet:** 2013.06.13, US, 61/834,474
- (86) **Int.inng.dag:** 2014.06.13
- (86) **Int.Søknadsnr:** PCT/US2014/042231
- (24) **Løpedag:** 2014.06.13
- (41) **Allm.tilg.dag:** 2015.12.01
- (45) **Meddelt:** 2023.10.16
- (73) **Innehaver:**  
Schlumberger Technology B.V., Parkstraat 83-89, 2514JG  
HAAG, Nederland (NL)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Arthur H Hartog, Meadow Cottage, Martyr Worthy,  
SO211DZ WINCHESTER, HAMPSHIRE, Storbritannia  
(GB)  
James Martin, 5 The Spinney Cottenham, CB248RN  
CAMBRIDGESHIRE, CAMBRIDGE, Storbritannia (GB)  
Daniela Donno, 11 bis rue Lecuirot, 75014 PARIS,  
Frankrike (FR)  
Bence Papp, Flat 5, 51 Chapel Road, SO145GL  
HAMPSHIRE, SOUTHAMPTON, Storbritannia (GB)
- (54) **Benevnelse:**  
Fiber optic distributed vibration sensing with wavenumber  
sensitivity correction
- 

- (51) **Klasse:** *H02P 6/04 (2016.01)*  
*H02P 6/14 (2016.01)*
- (11) **Patentnr:** **347394**
- (21) **Søknadsnr:** 20220785
- (22) **Inng.dag:** 2022.07.07
- (24) **Løpedag:** 2022.07.07
- (41) **Allm.tilg.dag:** 2023.10.16
- (45) **Meddelt:** 2023.10.16
- (73) **Innehaver:**  
In Motion AS, Moljevegen 50, 6083 GJERDSVIKA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Hallvard Slettevoll, Øvre Dekkene 8, 6083 GJERDSVIKA
- (54) **Benevnelse:**  
SYSTEM FOR Å DRIVE ELEKTRISKE MOTORER
-

## Europeiske patenter (b1) med virkning i Norge

Innsigelse mot europeiske patenter må fremmes over for Den Europeiske Patentmyndigheten innen 9 måneder fra bekjentsgjørelsen om patentets meddelelse.

(51) **Klasse :** **A01B 59/06 (2006.01)**  
 (87) **EP Publ.nr:** EP3706529  
 (86) **EP søkn.nr:** 18803383.1  
 (86) **EP innl.dag:** 2018.11.09  
 (87) **EP publ.dag:** 2020.09.16  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2017.11.10, DE, 102017126476  
 (86) **Int.inndag :** 2018.11.09  
 (86) **Int.søknadsnr :** PCT/EP2018/080817  
 (73) **Innehaver:**  
 SYN TRAC GmbH, Gschwandt 1634822 Bad Goisern a.H., AT-Østerrike  
 (72) **Oppfinner:**  
 PUTZ, Stefan, Ramsau 34822 Bad Goisern, AT-Østerrike  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 DOCKING APPARATUS HAVING A DOCKING RECEPTACLE AND A DOCKING INSERT, AND METHOD FOR COUPLING A VEHICLE

(51) **Klasse :** **A01C 3/00 (2006.01)**  
**C02F 9/00 (2023.01)**  
**C05F 3/00 (2006.01)**  
**C02F 1/00 (2023.01)**  
**C02F 1/28 (2023.01)**  
**C02F 1/44 (2023.01)**  
**C02F 11/06 (2006.01)**  
**C02F 11/10 (2006.01)**  
**C02F 11/121 (2019.01)**  
**C02F 11/13 (2019.01)**  
**C02F 11/143 (2019.01)**  
**C02F 11/145 (2019.01)**  
**C02F 103/20 (2006.01)**  
**C05F 3/06 (2006.01)**  
 (87) **EP Publ.nr:** EP3834593  
 (86) **EP søkn.nr:** 20212329.5  
 (86) **EP innl.dag:** 2020.12.07  
 (87) **EP publ.dag:** 2021.06.16  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2019.12.09, PL, 43214019  
 (73) **Innehaver:**  
 Habryn Andrzej Inventech, Os. Wladyslawa Lokietka 9/1632-340 Wolbrom, PL-Polen  
 (72) **Oppfinner:**  
 HABRYN, Andrzej, Os. Wladyslawa Lokietka 9/1632-340 Wolbrom, PL-Polen  
 (74) **Fullmektig:**  
 LIGL IP CONSULT AS, Postboks 1474 Vika, 0116 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD OF ANIMAL LIQUID MANURE PROCESSING

(51) **Klasse :** **A01C 7/00 (2006.01)**  
**A01C 7/20 (2006.01)**  
**A01C 14/00 (2006.01)**  
**A01C 21/00 (2006.01)**  
**A01B 79/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3695697  
 (86) **EP søkn.nr:** 20164700.5  
 (86) **EP innl.dag:** 2018.03.29  
 (87) **EP publ.dag:** 2020.08.19  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2017.03.30, DE, 202017101886 U  
 (73) **Innehaver:**  
 Schmidt, Robert, Ortsstrasse 409627 Bobritzsch (OT Sohra), DE-Tyskland  
 (72) **Oppfinner:**  
 Schmidt, Robert, Ortsstrasse 409627 Bobritzsch (OT Sohra), DE-Tyskland  
 (74) **Fullmektig:**  
 AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR SOWING FOREST SEEDS

(51) **Klasse :** **A01G 23/095 (2006.01)**  
**A01G 23/083 (2006.01)**  
 (87) **EP Publ.nr:** EP3809824  
 (86) **EP søkn.nr:** 19796187.3  
 (86) **EP innl.dag:** 2019.05.01  
 (87) **EP publ.dag:** 2021.04.28  
 (80) **EP meddelt :** 2023.06.21  
 (30) **Prioritet:** 2018.05.02, NZ, 18742153  
 (86) **Int.inndag :** 2019.05.01  
 (86) **Int.søknadsnr :** PCT/NZ2019/050045  
 (73) **Innehaver:**  
 Engineering Services Rotorua Limited, 73 Biak StreetRotorua 3015, NZ-New Zealand  
 (72) **Oppfinner:**  
 GUDNASON, Bjarni, 11 Whitworth RoadUtuhina, Rotorua, 3015, NZ-New Zealand  
 SHRIMPTON, Tony Graeme, 2 Vista PlaceKawaha Point, Rotorua, 3010, NZ-New Zealand  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 TREE PROCESSING HEAD REPLACEABLE KNIFE INSERT

- (51) **Klasse :** **A01K 67/027 (2006.01)**  
 (87) **EP Publ.nr:** EP3280257  
 (86) **EP søkn.nr:** 16766106.5  
 (86) **EP innl.dag:** 2016.04.06  
 (87) **EP publ.dag:** 2018.02.14  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2015.04.06, US, 201562143687 P  
 2015.05.08, US, 201562158804 P  
 2015.06.30, US, 201562186935 P  
 2016.04.06  
 (86) **Int.inndag :** 2016.04.06  
 (86) **Int.søknadsnr :** PCT/US2016/026260  
 (73) **Innehaver:**  
 Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River  
 RoadTarrytown, NY 10591-6707, US-USA  
 (72) **Oppfinner:**  
 MACDONALD, Lynn, c/o Regeneron Pharmaceuticals Inc.  
 777 Old Saw Mill River RoadTarrytown, New York 10591,  
 US-USA  
 MURPHY, Andrew J., c/o Regeneron Pharmaceuticals Inc.  
 777 Old Saw Mill River RoadTarrytown, New York 10591,  
 US-USA  
 GURER, Cagan, 21 Buttonhook RoadChappaqua, NY  
 10514, US-USA  
 KYRATSOUS, Christos, c/o Regeneron Pharmaceuticals  
 Inc. 777 Old Saw Mill River RoadTarrytown, New York  
 10591, US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 HUMANIZED T CELL MEDIATED IMMUNE RESPONSES  
 IN NON-HUMAN ANIMALS

- (51) **Klasse :** **A22C 25/16 (2006.01)**  
 (87) **EP Publ.nr:** EP3490384  
 (86) **EP søkn.nr:** 17833617.8  
 (86) **EP innl.dag:** 2017.05.08  
 (87) **EP publ.dag:** 2019.06.05  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2016.07.29, DK, 201600456  
 2016.08.16, DK, 201670625  
 (86) **Int.inndag :** 2017.05.08  
 (86) **Int.søknadsnr :** PCT/DK2017/050147  
 (73) **Innehaver:**  
 Pescatech ApS, Toldbodvej 16700 Esbjerg, DK-Danmark  
 (72) **Oppfinner:**  
 BJERREGAARD, Chris, Golfvangen 266715 Esbjerg N,  
 DK-Danmark  
 CHRISTENSEN, Thorkild Ellekrog, Tines Vej 549380  
 Vestbjerg, DK-Danmark  
 PETERSEN, Poul, Herman Bangsvej 258500 Grenaa, DK-  
 Danmark  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 PIN BONE REMOVAL APPARATUS

- (51) **Klasse :** **A23L 2/52 (2006.01)**  
**A23L 2/84 (2006.01)**  
**A61K 31/191 (2006.01)**  
**A61K 33/06 (2006.01)**  
 (87) **EP Publ.nr:** EP3200617  
 (86) **EP søkn.nr:** 15787005.6  
 (86) **EP innl.dag:** 2015.10.01  
 (87) **EP publ.dag:** 2017.08.09  
 (80) **EP meddelt :** 2023.05.31  
 (30) **Prioritet:** 2014.10.01, GB, 201417386  
 (86) **Int.inndag :** 2015.10.01  
 (86) **Int.søknadsnr :** PCT/GB2015/052880  
 (73) **Innehaver:**  
 Nofima AS, Norwegian Food Research Institute Osloveien  
 11430 ÅsNorge  
 (72) **Oppfinner:**  
 SCHREZENMEIR, Jürgen, Johann-Clanze-Strasse 43D-  
 81369 München, DE-Tyskland  
 KNUTSEN, Svein Halvor, Lilleteigen 23N-1406 SkiNorge  
 BALLANCE, Simon, Christian Lingsomsvei 14NO-3440  
 RøykenNorge  
 (74) **Fullmektig:**  
 DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
 Norge  
 (54) **Benevnelse:**  
 IMPROVED SUGAR-DEPLETED FRUIT OR VEGETABLE  
 JUICE AND JUICE-RETAINING FRUIT OR VEGETABLE  
 DERIVED MATTER, METHODS OF PRODUCING THE  
 SAME AND THE USE THEREOF TO MAINTAIN HEALTH  
 AND TO TREAT AND PREVENT MEDICAL AILMENTS

- (51) **Klasse :** **A23L 33/105 (2016.01)**  
**A23L 29/00 (2016.01)**  
**A23L 29/30 (2016.01)**  
**A23L 33/10 (2016.01)**  
**A23L 33/135 (2016.01)**  
**A61K 35/66 (2015.01)**  
**A61K 36/00 (2006.01)**  
**A61K 36/23 (2006.01)**  
**A61K 36/28 (2006.01)**  
**A61K 36/48 (2006.01)**  
**A61K 36/52 (2006.01)**  
**A61K 36/60 (2006.01)**  
**A61K 36/752 (2006.01)**  
**A61K 36/889 (2006.01)**  
**A61K 36/8962 (2006.01)**  
**A61K 36/899 (2006.01)**  
**A61K 45/06 (2006.01)**  
**G01N 33/50 (2006.01)**  
 (87) **EP Publ.nr:** EP3801061  
 (86) **EP søkn.nr:** 19727047.3  
 (86) **EP innl.dag:** 2019.06.03  
 (87) **EP publ.dag:** 2021.04.14  
 (80) **EP meddelt :** 2023.08.16  
 (30) **Prioritet:** 2018.06.01, EP, 18175575  
 (86) **Int.inndag :** 2019.06.03  
 (86) **Int.søknadsnr :** PCT/EP2019/064370  
 (73) **Innehaver:**  
 NZYM Deutschland GmbH, Georg-Knorr-Str. 185662  
 Hohenbrunn, DE-Tyskland  
 (72) **Oppfinner:**  
 MAY, Alexander, Fehrlen 69057 Weissbad, CH-Sveits  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 MICROVESICLES DERIVED FROM FERMENTED  
 PLANT-BASED PRODUCTS, METHOD FOR THEIR  
 PREPARATION AND USE

(51) **Klasse :** **A24B 13/00 (2006.01)**  
**A24B 15/16 (2020.01)**  
(87) **EP Publ.nr:** EP3993646  
(86) **EP søkn.nr:** 20735411.9  
(86) **EP innl.dag:** 2020.07.03  
(87) **EP publ.dag:** 2022.05.11  
(80) **EP meddelt :** 2023.08.16  
(30) **Prioritet:** 2019.07.05, EP, 19184827  
(86) **Int.inndag :** 2020.07.03  
(86) **Int.søknadsnr :** PCT/EP2020/068797  
(73) **Innehaver:**  
Swedish Match North Europe AB, 118 85 Stockholm, SE-Sverige  
(72) **Oppfinner:**  
KINDVALL, Märten, Gunnel Weinås väg 17415 24 Göteborg, SE-Sverige  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
(54) **Benevnelse:**  
AN ORAL POUCHED NICOTINE PRODUCT INCLUDING A FILLING MATERIAL COMPRISING NICOTINE-CONTAINING PARTICLES

(51) **Klasse :** **A24B 13/00 (2006.01)**  
**A24B 15/16 (2020.01)**  
**A24B 15/28 (2006.01)**  
**A24B 15/30 (2006.01)**  
(87) **EP Publ.nr:** EP4115746  
(86) **EP søkn.nr:** 22184313.9  
(86) **EP innl.dag:** 2020.11.20  
(87) **EP publ.dag:** 2023.01.11  
(80) **EP meddelt :** 2023.08.16  
(30) **Prioritet:** 2019.11.20, EP, 19210423  
(73) **Innehaver:**  
Swedish Match North Europe AB, 118 85 Stockholm, SE-Sverige  
(72) **Oppfinner:**  
KINDVALL, Märten, 415 24 Göteborg, SE-Sverige  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
(54) **Benevnelse:**  
AN ORAL POUCHED NICOTINE PRODUCT INCLUDING A FILLING MATERIAL COMPRISING NICOTINE PARTICLES

(51) **Klasse :** **A41B 11/02 (2006.01)**  
(87) **EP Publ.nr:** EP3723527  
(86) **EP søkn.nr:** 18842580.5  
(86) **EP innl.dag:** 2018.12.06  
(87) **EP publ.dag:** 2020.10.21  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2017.12.12, IT, 201700143190  
(86) **Int.inndag :** 2018.12.06  
(86) **Int.søknadsnr :** PCT/IT2018/000155  
(73) **Innehaver:**  
Trerè Innovation S.r.l., Via Modena, 1846040 Asola (MN), IT-Italia  
(72) **Oppfinner:**  
GIORGINI, Fabio, Via Foina, 4025040 Monticelli Brusati (Brescia), IT-Italia  
(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
(54) **Benevnelse:**  
DYNAMIC VENTILATION SYSTEM FOR SOCKS

(51) **Klasse :** **A43B 13/12 (2006.01)**  
**A43B 13/18 (2006.01)**  
(87) **EP Publ.nr:** EP3379963  
(86) **EP søkn.nr:** 16798795.7  
(86) **EP innl.dag:** 2016.11.23  
(87) **EP publ.dag:** 2018.10.03  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2015.11.24, IT, UB20155851  
(86) **Int.inndag :** 2016.11.23  
(86) **Int.søknadsnr :** PCT/EP2016/078567  
(73) **Innehaver:**  
Diadora S.p.A., Via Montello, 8031031 Caerano di San Marco, IT-Italia  
(72) **Oppfinner:**  
MASON, Angelo, Via Monte Grappa 18031031 Caerano Di San Marco, IT-Italia  
POLEGATO MORETTI, Enrico, Via G. Fantin 9031035 Crocetta Del Montello, IT-Italia  
(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge  
(54) **Benevnelse:**  
SOLE, PARTICULARLY FOR SHOES

(51) **Klasse :** **A43D 1/02 (2006.01)**  
**A43B 7/14 (2022.01)**  
**A43B 7/28 (2006.01)**  
**A61B 5/107 (2006.01)**  
(87) **EP Publ.nr:** EP3817616  
(86) **EP søkn.nr:** 18925114.3  
(86) **EP innl.dag:** 2018.07.05  
(87) **EP publ.dag:** 2021.05.12  
(80) **EP meddelt :** 2023.06.07  
(86) **Int.inndag :** 2018.07.05  
(86) **Int.søknadsnr :** PCT/FI2018/050535  
(73) **Innehaver:**  
Footbalance System Oy, Tammiston Kauppatie 7 B01510 Vantaa, FI-Finland  
(72) **Oppfinner:**  
HAKKALA, Erkki, Tulisuoinkuja 1 B 1100930 Helsinki, FI-Finland  
(74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
(54) **Benevnelse:**  
A METHOD AND A SYSTEM FOR OBTAINING FOOT ANALYSIS DATA

(51) **Klasse :** **A47C 3/02 (2006.01)**  
(87) **EP Publ.nr:** EP2908696  
(86) **EP søkn.nr:** 12780635.4  
(86) **EP innl.dag:** 2012.10.18  
(87) **EP publ.dag:** 2015.08.26  
(80) **EP meddelt :** 2017.12.06  
(86) **Int.inndag :** 2012.10.18  
(86) **Int.søknadsnr :** PCT/CH2012/000238  
(73) **Innehaver:**  
Vitra AG, Klünenfeldstrasse 224127 Birsfelden, CH-Sveits  
(72) **Oppfinner:**  
SCHNEIDER, Thomas, Breslauer Strasse 22 A79739 Schwörstadt, DE-Tyskland  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
SYNCHRONOUS SEAT ADJUSTMENT



(51) **Klasse :** **A47C 20/04 (2006.01)**  
**A47C 20/08 (2006.01)**  
(87) **EP Publ.nr:** EP3267845  
(86) **EP søkn.nr:** 16709470.5  
(86) **EP innl.dag:** 2016.03.11  
(87) **EP publ.dag:** 2018.01.17  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2015.03.11, GB, 201504140  
(86) **Int.inndag :** 2016.03.11  
(86) **Int.søknadsnr :** PCT/EP2016/055381  
(73) **Innehaver:**  
Motus Mechanics Limited, 24 Parr Lane EcclestonChorley,  
Lancashire PR7 5SL, GB-Storbritannia  
(72) **Oppfinner:**  
BROWN, Paul, 24 Parr Lane EcclestonChorley Lancashire  
PR7 5SU, GB-Storbritannia  
(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  
(54) **Benevnelse:**  
ADJUSTABLE BED

(51) **Klasse :** **A47C 21/02 (2006.01)**  
(87) **EP Publ.nr:** EP3515253  
(86) **EP søkn.nr:** 17771732.9  
(86) **EP innl.dag:** 2017.09.19  
(87) **EP publ.dag:** 2019.07.31  
(80) **EP meddelt :** 2023.06.21  
(30) **Prioritet:** 2016.09.19, ES, 201631139 U  
(86) **Int.inndag :** 2017.09.19  
(86) **Int.søknadsnr :** PCT/EP2017/073563  
(73) **Innehaver:**  
Langel System International, S.L., Manuel Lasala 40  
6B50006 Zaragoza, ES-Spania  
(72) **Oppfinner:**  
SÁNCHEZ ZARZA, Alberto, Manuel Lasala 40 6B50006  
Zaragoza, ES-Spania  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
FOLDING STRUCTURE FOR MATTRESSES

(51) **Klasse :** **A47C 23/04 (2006.01)**  
**A47C 7/34 (2006.01)**  
**A47C 7/35 (2006.01)**  
**A47C 27/00 (2006.01)**  
**A47C 27/05 (2006.01)**  
**A47C 27/06 (2006.01)**  
(87) **EP Publ.nr:** EP3684228  
(86) **EP søkn.nr:** 18858514.5  
(86) **EP innl.dag:** 2018.09.13  
(87) **EP publ.dag:** 2020.07.29  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2017.09.20, US, 201715709912  
(86) **Int.inndag :** 2018.09.13  
(86) **Int.søknadsnr :** PCT/US2018/050798  
(73) **Innehaver:**  
L&P Property Management Company, 4095 Firestone  
BoulevardSouth Gate, CA 90280, US-USA  
(72) **Oppfinner:**  
JEWETT, Jason, 7777 County Road 110Carthage, MO  
64836, US-USA  
RICHMOND, Darrell A., 8151 County Road 164Carthage,  
MO 64836, US-USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
POCKETED SPRING ASSEMBLY

(51) **Klasse :** **A47G 1/04 (2006.01)**  
**A47B 67/00 (2006.01)**  
**A47G 1/00 (2006.01)**  
(87) **EP Publ.nr:** EP3582656  
(86) **EP søkn.nr:** 17821620.6  
(86) **EP innl.dag:** 2017.12.20  
(87) **EP publ.dag:** 2019.12.25  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.02.17, EP, 17156592  
(86) **Int.inndag :** 2017.12.20  
(86) **Int.søknadsnr :** PCT/EP2017/083705  
(73) **Innehaver:**  
Gerig Design AG, Kirchbergstrasse 433400 Burgdorf, CH-  
Sveits  
(72) **Oppfinner:**  
GERIG, Thomas, Frommgutweg 143400 Burgdorf, CH-  
Sveits  
(74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark  
(54) **Benevnelse:**  
ILLUMINATED MIRROR AND ITS MANUFACTURING  
METHOD AND MEHOD OF USE

(51) **Klasse :** **A47G 27/02 (2006.01)**  
**A47L 23/26 (2006.01)**  
**E04F 15/02 (2006.01)**  
(87) **EP Publ.nr:** EP3960041  
(86) **EP søkn.nr:** 21192631.6  
(86) **EP innl.dag:** 2021.08.23  
(87) **EP publ.dag:** 2022.03.02  
(80) **EP meddelt :** 2023.09.13  
(30) **Prioritet:** 2020.08.26, US, 202017002974  
(73) **Innehaver:**  
Wearwell, LLC, 199 Threet Industrial RoadSmyrna TN  
37167, US-USA  
(72) **Oppfinner:**  
HUSS, Philip C., Smyrna, 37167, US-USA  
(74) **Fullmektig:**  
Valea AB, Box 1098, 40523 GÖTEBORG, Sverige  
(54) **Benevnelse:**  
INTEGRATED MAT ASSEMBLY AND METHOD OF USE

(51) **Klasse :** **A47J 31/42 (2006.01)**  
**A47J 43/046 (2006.01)**  
(87) **EP Publ.nr:** EP3878323  
(86) **EP søkn.nr:** 19835557.0  
(86) **EP innl.dag:** 2019.11.21  
(87) **EP publ.dag:** 2021.09.15  
(80) **EP meddelt :** 2023.06.07  
(86) **Int.inndag :** 2019.11.21  
(86) **Int.søknadsnr :** PCT/PT2019/050044  
(73) **Innehaver:**  
IFGOOD FZ-LLC, B4-308A1, Business Center 04 RAKEZ  
Business Zone-FZRak, AE-De forente arabiske emiratene  
(72) **Oppfinner:**  
ALVES FINO, João José, Travessa do Município, Lote B2,  
5º andar2410-137 Leiria, PT-Portugal  
(74) **Fullmektig:**  
Attorney György Pintz, c/o Pintz & Partners LLC, P.O. Box  
245, 1444 BUDAPEST, Ungarn  
(54) **Benevnelse:**  
MACHINE FOR PREPARING JUICE FROM A FROZEN  
FOOD PREPARATION

- (51) **Klasse :** **A47J 36/24 (2006.01)**  
 (87) **EP Publ.nr.:** EP3993675  
 (86) **EP søkn.nr.:** 20731013.7  
 (86) **EP innl.dag:** 2020.05.29  
 (87) **EP publ.dag:** 2022.05.11  
 (80) **EP meddelt :** 2023.06.28  
 (30) **Prioritet:** 2019.07.04, DE, 102019118098  
 2019.10.21, DE, 102019128375  
 (86) **Int.inndag :** 2020.05.29  
 (86) **Int.søknadsnr :** PCT/EP2020/065087  
 (73) **Innehaver:**  
 Deutsches Zentrum für Luft- und Raumfahrt e.V., Linder  
 Höhe51147 Köln, DE-Tyskland  
 (72) **Oppfinner:**  
 KRAFT, Werner, Untere Hagstraße 2870565 Stuttgart, DE-  
 Tyskland  
 LANZ, Tim, Nollenstraße 3170195 Stuttgart, DE-Tyskland  
 VETTER, Peter, Silberburgstraße 18770178 Stuttgart, DE-  
 Tyskland  
 STAHL, Veronika, Annette-Kolb-Straße 1271229 Leonberg,  
 DE-Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 PORTABLE HEAT SOURCE

- (51) **Klasse :** **A47J 42/40 (2006.01)**  
**A47J 42/42 (2006.01)**  
 (87) **EP Publ.nr.:** EP4044885  
 (86) **EP søkn.nr.:** 20807497.1  
 (86) **EP innl.dag:** 2020.10.19  
 (87) **EP publ.dag:** 2022.08.24  
 (80) **EP meddelt :** 2023.08.02  
 (30) **Prioritet:** 2019.10.18, IT, 201900019349  
 (86) **Int.inndag :** 2020.10.19  
 (86) **Int.søknadsnr :** PCT/IB2020/059819  
 (73) **Innehaver:**  
 La Marzocco S.r.l., Via La Torre 14/H50038 Scarperia (FI),  
 IT-Italia  
 (72) **Oppfinner:**  
 DIONISIO, Andrea, c/o La Marzocco S.r.l. Via La Torre,  
 14/H50038 Scarperia (FI), IT-Italia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 COFFEE GRINDER WITH DEVICE FOR FILTER HOLDER  
 OR FILTER DETECTION AND METHOD FOR  
 DETECTING A FILTER HOLDER OR FILTER

- (51) **Klasse :** **A61B 5/145 (2006.01)**  
**A61B 5/1495 (2006.01)**  
 (87) **EP Publ.nr.:** EP3668400  
 (86) **EP søkn.nr.:** 18769490.6  
 (86) **EP innl.dag:** 2018.08.17  
 (87) **EP publ.dag:** 2020.06.24  
 (80) **EP meddelt :** 2023.07.05  
 (30) **Prioritet:** 2017.08.18, US, 201762547635 P  
 (86) **Int.inndag :** 2018.08.17  
 (86) **Int.søknadsnr :** PCT/IB2018/056223  
 (73) **Innehaver:**  
 Abbott Diabetes Care Inc., 1420 Harbor Bay  
 ParkwayAlameda, California 94502, US-USA  
 (72) **Oppfinner:**  
 SCOTT, Steven, 7753 Country LanePleasanton California  
 94566, US-USA  
 BENNELL, Christopher J., 28 Mayfield CloseCarterton  
 Oxfordshire OX18 3QR, GB-Storbritannia  
 BHOGAL, Claire, 1 Stanway CloseWitney Oxfordshire  
 OX28 5GA, GB-Storbritannia  
 CRANFIELD, Katie A., 93 The Delph Lower EarleyReading  
 Berkshire RG6 3AW, GB-Storbritannia  
 TAUB, Marc B., Knossos Orchard Lane Boars HillOxford  
 Oxfordshire OX1 5JH, GB-Storbritannia  
 WINTER, Bree M., 15 Oakdale LaneWitney Oxfordshire  
 OX28 1GH, GB-Storbritannia  
 REYNOLDS, Owen D., 3 DoubledaysCricklade Wiltshire  
 SN6 6AU, GB-Storbritannia  
 BABKA, Jean-Pierre, 2819 Bayview DriveAlameda  
 California 94501, US-USA  
 PATEL, Dharmendra S., 3 Foxbury CourtStanton Harcourt  
 Oxfordshire OX29 5BE, GB-Storbritannia  
 THOMAS, Christopher A., Middle Farm IcombCheltenham  
 Gloucestershire GL54 1JE, GB-Storbritannia  
 HOSS, Udo, 5172 Stone Canyon DriveCastro Valley  
 California 94552, US-USA  
 YAHNKE, Mark S., 2800 Otis DriveAlameda California  
 94502, US-USA  
 KAHN, Tahir S., 4411 Romilly WayFremont California  
 94536, US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR THE INDIVIDUALIZED CALIBRATION OF  
 ANALYTE SENSORS

- (51) **Klasse :** **A61B 17/064 (2006.01)**  
**A61B 17/072 (2006.01)**  
**A61B 17/115 (2006.01)**  
 (87) **EP Publ.nr.:** EP3668412  
 (86) **EP søkn.nr.:** 18845739.4  
 (86) **EP innl.dag:** 2018.08.14  
 (87) **EP publ.dag:** 2020.06.24  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2017.08.14, US, 201762545324 P  
 2017.10.31, US, 201762579703 P  
 2018.04.25, US, 201862662517 P  
 (86) **Int.inndag :** 2018.08.14  
 (86) **Int.søknadsnr :** PCT/US2018/046743  
 (73) **Innehaver:**  
 Standard Bariatrics, Inc., 4362 Glendale Milford  
 RoadCincinnati, OH 45242, US-USA  
 (72) **Oppfinner:**  
 DUNKI-JACOBS, Adam, R., 6191 Tulane RoadCincinnati,  
 OH 45212, US-USA  
 THOMPSON, Jonathan, R., 3416 Pape AvenueCincinnati,  
 OH 45208, US-USA  
 NUCHOLS, Richard, P., 5281 SmokeyRoadWilliamsburg,  
 OH 45176, US-USA  
 (74) **Fullmektig:**  
 Cosmovici Intellectual Property, Rue du Commerce 4, 1204  
 GENÈVE, Sveits  
 (54) **Benevnelse:**  
 END EFFECTORS

- (51) **Klasse :** **A61F 2/24 (2006.01)**  
**B29C 57/10 (2006.01)**
- (87) **EP Publ.nr:** EP3606467
- (86) **EP søkn.nr:** 18780763.1
- (86) **EP innl.dag:** 2018.04.06
- (87) **EP publ.dag:** 2020.02.12
- (80) **EP meddelt :** 2023.06.14
- (30) **Prioritet:** 2017.04.06, US, 201762482500 P
- (86) **Int.inndag :** 2018.04.06
- (86) **Int.søknadsnr :** PCT/US2018/026502
- (73) **Innehaver:**  
Regents of the University of Minnesota, 600 McNamara Alumni Center, 200 Oak Street SE Minneapolis, Minnesota 55455-2020, US-USA
- (72) **Oppfinner:**  
TRANQUILLO, Robert, 1267 Wyncrest Court Arden Hills, Minnesota 55112, US-USA  
SYEDAIN, Zeeshan, 36, 9th St Apt 107 Minneapolis, Minnesota 55402, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PROSTHETIC VALVES AND METHODS OF MAKING

- (51) **Klasse :** **A61F 2/24 (2006.01)**  
**A61B 17/12 (2006.01)**  
**A61B 17/00 (2006.01)**  
**A61B 17/064 (2006.01)**
- (87) **EP Publ.nr:** EP4005533
- (86) **EP søkn.nr:** 21214615.3
- (86) **EP innl.dag:** 2018.04.18
- (87) **EP publ.dag:** 2022.06.01
- (80) **EP meddelt :** 2023.07.26
- (30) **Prioritet:** 2017.04.18, US, 201762486835 P  
2018.01.30, US, 201815884193  
2018.03.01, US, 201815909803  
2018.03.02, US, 201815910951  
2018.03.07, US, 201815914143  
2018.03.21, US, 201815927814  
2018.04.05, US, 201815946604  
2018.04.13, US, 201815953220  
2018.04.13, US, 201815953263  
2018.04.13, US, 201815953283
- (73) **Innehaver:**  
Edwards Lifesciences Corporation, One Edwards Way Irvine, CA 92614, US-USA
- (72) **Oppfinner:**  
DIXON, Eric Robert, IRVINE, CA, 92614, US-USA  
CHEN, Jensen, IRVINE, CA, 92614, US-USA  
MORATORIO, Guillermo W., IRVINE, CA, 92614, US-USA  
CAO, Hengchu, IRVINE, CA, 92614, US-USA  
DOMINICK, Douglas Thomas, IRVINE, CA, 92614, US-USA  
DELGADO, Sergio, IRVINE, CA, 92614, US-USA  
FRESCHAUF, Lauren R., IRVINE, CA, 92614, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
HEART VALVE SEALING DEVICES AND DELIVERY DEVICES THEREFOR

- (51) **Klasse :** **A61F 2/58 (2006.01)**  
**A61F 2/68 (2006.01)**  
**A61F 2/70 (2006.01)**
- (87) **EP Publ.nr:** EP3865098
- (86) **EP søkn.nr:** 21156152.7
- (86) **EP innl.dag:** 2021.02.10
- (87) **EP publ.dag:** 2021.08.18
- (80) **EP meddelt :** 2023.06.07
- (30) **Prioritet:** 2020.02.14, US, 202016791332
- (73) **Innehaver:**  
Hugh Steeper Limited, Unit 3, Stourton Link, Intermezzo Drive Leeds LS10 1DF, GB-Storbritannia
- (72) **Oppfinner:**  
Wahl, Ryan, 77061 Wahl Road Richmond, Michigan 48062, US-USA  
Taszreak, Aaron, 6183 Tripp Road China, Michigan 48054, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
PROSTHETIC ELBOW

- (51) **Klasse :** **A61F 2/954 (2013.01)**  
**A61F 2/06 (2013.01)**  
**A61F 2/82 (2013.01)**  
**A61F 2/90 (2013.01)**  
**A61F 2/95 (2013.01)**  
**A61F 2/97 (2013.01)**
- (87) **EP Publ.nr:** EP3570790
- (86) **EP søkn.nr:** 18701270.3
- (86) **EP innl.dag:** 2018.01.10
- (87) **EP publ.dag:** 2019.11.27
- (80) **EP meddelt :** 2023.07.19
- (30) **Prioritet:** 2017.01.25, BE, 201705043  
2017.01.19, EP, 17290006
- (86) **Int.inndag :** 2018.01.10
- (86) **Int.søknadsnr :** PCT/EP2018/050554
- (73) **Innehaver:**  
Tristent Development, 4 Rue Jules Barut 74000 Annecy, FR-Frankrike
- (72) **Oppfinner:**  
EKER, Omer Faruk, Residence Jean Sornay, 69003 Lyon, FR-Frankrike  
CHODZYNSKI, Kamil Jerzy, 7000 Mons, BE-Belgia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DELIVERY SYSTEM FOR A BIFURCATED STENT

- (51) **Klasse :** **A61F 5/01 (2006.01)**  
**A61F 5/30 (2006.01)**
- (87) **EP Publ.nr:** EP4021354
- (86) **EP søkn.nr:** 20761557.6
- (86) **EP innl.dag:** 2020.08.24
- (87) **EP publ.dag:** 2022.07.06
- (80) **EP meddelt :** 2023.06.21
- (30) **Prioritet:** 2019.08.26, DE, 102019212740
- (86) **Int.inndag :** 2020.08.24
- (86) **Int.søknadsnr :** PCT/EP2020/073613
- (73) **Innehaver:**  
Bauerfeind AG, Triebeser Strasse 1607937 Zeulenroda-Triebes, DE-Tyskland
- (72) **Oppfinner:**  
BAUERFEIND, Hans B., Am Oelzsch 507937 Zeulenroda, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
PAD COMPRISING A PRESSURE ELEMENT

(51) **Klasse :** **A61G 5/02 (2006.01)**  
**A61G 5/04 (2013.01)**  
(87) **EP Publ.nr:** EP3970677  
(86) **EP søkn.nr:** 21205601.4  
(86) **EP innl.dag:** 2016.02.23  
(87) **EP publ.dag:** 2022.03.23  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2015.02.24, US, 201514630007  
(73) **Innehaver:**  
Max Mobility, LLC, 300 Duke DrLebanon, TN 37090-8115,  
US-USA  
(72) **Oppfinner:**  
RICHTER, Mark, Nashville, TN 37211, US-USA  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike  
(54) **Benevnelse:**  
ASSISTIVE DRIVING SYSTEM FOR A WHEELCHAIR

(51) **Klasse :** **A61H 19/00 (2006.01)**  
**A61H 9/00 (2006.01)**  
**A61H 23/02 (2006.01)**  
(87) **EP Publ.nr:** EP3267960  
(86) **EP søkn.nr:** 15748202.7  
(86) **EP innl.dag:** 2015.07.24  
(87) **EP publ.dag:** 2018.01.17  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2015.03.13, DE, 102015103694  
(86) **Int.inndag :** 2015.07.24  
(86) **Int.søknadsnr :** PCT/EP2015/067017  
(73) **Innehaver:**  
Novoluto GmbH, Hermann-Blankenstein-Straße 510249  
Berlin, DE-Tyskland  
(72) **Oppfinner:**  
LENKE, Michael, Gamelbertstrasse 1794526 Metten, DE-  
Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
STIMULATION DEVICE HAVING AN EXTENSION

(51) **Klasse :** **A61H 19/00 (2006.01)**  
**A61H 9/00 (2006.01)**  
**A61H 23/02 (2006.01)**  
(87) **EP Publ.nr:** EP3400926  
(86) **EP søkn.nr:** 18175171.0  
(86) **EP innl.dag:** 2015.07.24  
(87) **EP publ.dag:** 2018.11.14  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2015.03.13, DE, 102015103694  
(73) **Innehaver:**  
Novoluto GmbH, Hermann-Blankenstein-Straße 510249  
Berlin, DE-Tyskland  
(72) **Oppfinner:**  
LENKE, Michael, Am Klosterweiher 294526 Metten, DE-  
Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
STIMULATION DEVICE WITH EXTENSION

(51) **Klasse :** **A61K 8/46 (2006.01)**  
**A61K 8/24 (2006.01)**  
**A61K 8/365 (2006.01)**  
**A61K 8/44 (2006.01)**  
**A61K 8/55 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 31/10 (2006.01)**  
**A61K 31/194 (2006.01)**  
**A61K 31/198 (2006.01)**  
**A61K 31/6615 (2006.01)**  
**A61K 31/785 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61K 47/18 (2017.01)**  
**A61K 47/20 (2006.01)**  
**A61L 27/54 (2006.01)**  
**A61L 29/16 (2006.01)**  
**A61L 31/16 (2006.01)**  
**A61P 1/02 (2006.01)**  
**A61Q 17/00 (2006.01)**  
(87) **EP Publ.nr:** EP2941128  
(86) **EP søkn.nr:** 13865220.1  
(86) **EP innl.dag:** 2013.12.20  
(87) **EP publ.dag:** 2015.11.11  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2012.12.20, US, 201261740396 P  
(86) **Int.inndag :** 2013.12.20  
(86) **Int.søknadsnr :** PCT/US2013/077332  
(73) **Innehaver:**  
Bhushan, Rajiv, 325 Sylvan AvenueMountain View,  
California 94041, US-USA  
Gin, Jerry B., 1206 Sargent DriveSunnyvale, California  
94807, US-USA  
Goswamy, Amit, 104 Milani CourtLos Gatos, California  
95030, US-USA  
(72) **Oppfinner:**  
Bhushan, Rajiv, 325 Sylvan AvenueMountain View,  
California 94041, US-USA  
Gin, Jerry B., 1206 Sargent DriveSunnyvale, California  
94807, US-USA  
Goswamy, Amit, 104 Milani CourtLos Gatos, California  
95030, US-USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
ANTIMICROBIAL COMPOSITIONS

(51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 31/11 (2006.01)**  
**A61K 31/4025 (2006.01)**  
**A61M 11/02 (2006.01)**  
**A61M 15/00 (2006.01)**  
**A61M 15/08 (2006.01)**  
(87) **EP Publ.nr:** EP2381923  
(86) **EP søkn.nr:** 09796558.6  
(86) **EP innl.dag:** 2009.12.21  
(87) **EP publ.dag:** 2011.11.02  
(80) **EP meddelt :** 2018.08.01  
(30) **Prioritet:** 2008.12.22, US, 139871 P  
(86) **Int.inndag :** 2009.12.21  
(86) **Int.søknadsnr :** PCT/US2009/068962  
(73) **Innehaver:**  
Acerus Pharmaceuticals USA, LLC, 500 Office Center  
Drive Suite 400Fort Washington, PA 19034, US-USA  
(72) **Oppfinner:**  
FEIN, Seymour, 476 Canoe Hill RoadNew Canaan CT  
06840, US-USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
INTRANASAL DESMOPRESSIN ADMINISTRATION

- (51) **Klasse :** A61K 9/00 (2006.01)  
A61K 9/06 (2006.01)  
A61K 31/40 (2006.01)  
A61K 47/10 (2017.01)  
A61K 47/12 (2006.01)  
A61K 47/14 (2017.01)  
A61K 47/34 (2017.01)  
A61K 47/38 (2006.01)  
A61P 43/00 (2006.01)
- (87) **EP Publ.nr:** EP3487475  
(86) **EP søkn.nr:** 17831882.0  
(86) **EP innl.dag:** 2017.07.20  
(87) **EP publ.dag:** 2019.05.29  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.07.21, US, 201662365037 P  
(86) **Int.inndag :** 2017.07.20  
(86) **Int.søknadsnr :** PCT/US2017/043106  
(73) **Innehaver:**  
Bodor Laboratories, Inc., 4400 Biscayne Boulevard Suite 980Miami, FL 33137, US-USA
- (72) **Oppfinner:**  
BODOR, Nicholas, S., 10225 Collins Avenue Units 1002-1004Bal Harbour FL 33154, US-USA  
KOLENG, John, J., 11113 Alison Park TrailAustin TX 78750, US-USA  
ANGULO, David, 8706 Sorano Villa DriveTampa FL 33647, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
FORMULATION FOR SOFT ANTICHOLINERGIC ANALOGS

- (51) **Klasse :** A61K 9/00 (2006.01)  
A61K 39/00 (2006.01)  
A61K 47/18 (2017.01)  
A61K 47/26 (2006.01)  
C07K 16/28 (2006.01)
- (87) **EP Publ.nr:** EP3606504  
(86) **EP søkn.nr:** 18719338.8  
(86) **EP innl.dag:** 2018.03.23  
(87) **EP publ.dag:** 2020.02.12  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2017.04.06, US, 201762482270 P  
(86) **Int.inndag :** 2018.03.23  
(86) **Int.søknadsnr :** PCT/US2018/024032  
(73) **Innehaver:**  
Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River RoadTarrytown, NY 10591-6707, US-USA
- (72) **Oppfinner:**  
HU, Qingyan, 777 Old Saw Mill River RoadTarrytown, New York 10591, US-USA  
LIU, Dingjiang, 777 Old Saw Mill River RoadTarrytown, New York 10591, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
STABLE ANTIBODY FORMULATION

- (51) **Klasse :** A61K 9/00 (2006.01)  
A61K 9/06 (2006.01)  
A61K 33/26 (2006.01)  
A61K 47/02 (2006.01)  
A61P 7/08 (2006.01)  
A61P 13/12 (2006.01)
- (87) **EP Publ.nr:** EP3930686  
(86) **EP søkn.nr:** 20717359.2  
(86) **EP innl.dag:** 2020.02.28  
(87) **EP publ.dag:** 2022.01.05  
(80) **EP meddelt :** 2023.05.31  
(30) **Prioritet:** 2019.02.28, US, 201962812028 P  
(86) **Int.inndag :** 2020.02.28  
(86) **Int.søknadsnr :** PCT/US2020/020517  
(73) **Innehaver:**  
Renibus Therapeutics, Inc., 206 Grand Avenue, Suite 225Southlake, TX 76092, US-USA
- (72) **Oppfinner:**  
KEYSER, Donald Jeffrey, 1216 Wyndham Hill LaneSouthlake, Texas 76092, US-USA  
GUILLEM, Alvaro F., 727 Lathrop StreetLantana, Texas 76226, US-USA  
ZAGER, Richard A., 1100 Fairview Avenue, J2-302Seattle, Washington 98109, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL IRON COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME

- (51) **Klasse :** A61K 9/08 (2006.01)  
A61K 9/14 (2006.01)  
A61K 31/375 (2006.01)  
A61K 31/519 (2006.01)  
A61K 33/26 (2006.01)  
A61K 47/26 (2006.01)
- (87) **EP Publ.nr:** EP3556351  
(86) **EP søkn.nr:** 19386016.0  
(86) **EP innl.dag:** 2019.03.22  
(87) **EP publ.dag:** 2019.10.23  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2018.04.16, GR, 20180100160  
(73) **Innehaver:**  
Tseti, Ioulia, 13 Pavlou Mela Street145 61 Kifissia Attica, GR-Hellas
- (72) **Oppfinner:**  
Tseti, Ioulia, 13 Pavlou Mela Street145 61 Kifissia Attica, GR-Hellas
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
A PHARMACEUTICAL COMPOSITION FOR ENHANCING IRON LEVELS IN BLOOD, COMPRISING IRON (III) POLYMALTOSE AND ANOTHER ACTIVE SUBSTANCE, SUITABLE FOR IRON ABSORPTION, SELECTED FROM CALCIUM FOLINATE PENTAHYDRATE, VITAMIN C OR A COMBINATION OF BOTH



- (51) **Klasse :** **A61K 9/08 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 38/48 (2006.01)**  
**A61K 47/12 (2006.01)**  
**A61K 47/18 (2017.01)**  
**A61K 47/26 (2006.01)**  
**A61K 47/38 (2006.01)**  
**A61P 21/00 (2006.01)**  
**A61P 25/02 (2006.01)**
- (87) **EP Publ.nr:** EP3570816  
(86) **EP søkn.nr:** 17892821.4  
(86) **EP innl.dag:** 2017.10.17  
(87) **EP publ.dag:** 2019.11.27  
(80) **EP meddelt :** 2023.08.16  
(30) **Prioritet:** 2017.01.20, KR, 20170009727  
(86) **Int.inndag :** 2017.10.17  
(86) **Int.søknadsnr :** PCT/KR2017/011438  
(73) **Innehaver:**  
Daewoong Co., Ltd., 244, Galmachi-ro Jungwon-gu Seongnam-si, Gyeonggi-do 13211, KR-Sør-Korea
- (72) **Oppfinner:**  
YIM, Hyeona, 103-1204 190 Sinheung-ro Bucheon-si Gyeonggi-do 14549, KR-Sør-Korea  
KIM, Cheong-Sei, 1221-903 50 Mokdongdong-ro Yangcheon-gu Seoul 08097, KR-Sør-Korea
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
STABLE LIQUID COMPOSITION COMPRISING BOTULINUM TOXIN

- (51) **Klasse :** **A61K 9/28 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 31/444 (2006.01)**  
**A61K 47/26 (2006.01)**  
**A61K 47/32 (2006.01)**  
**A61K 47/36 (2006.01)**  
**A61K 47/38 (2006.01)**  
**A61P 7/02 (2006.01)**  
**A61P 9/10 (2006.01)**
- (87) **EP Publ.nr:** EP2140867  
(86) **EP søkn.nr:** 08720658.7  
(86) **EP innl.dag:** 2008.03.28  
(87) **EP publ.dag:** 2010.01.06  
(80) **EP meddelt :** 2017.08.30  
(30) **Prioritet:** 2007.03.29, JP, 2007087327  
(86) **Int.inndag :** 2008.03.28  
(86) **Int.søknadsnr :** PCT/JP2008/000791  
(73) **Innehaver:**  
Daiichi Sankyo Company, Limited, 3-5-1, Nihonbashi Honcho Chuo-ku Tokyo 103-8426, JP-Japan
- (72) **Oppfinner:**  
KOJIMA, Masazumi, c/o DAIICHI SANKYO COMPANY LIMITED 1-2-58 Hiromachi Shinagawa-ku Tokyo 140-8710, JP-Japan  
KUNO, Yoshio, c/o DAIICHI SANKYO COMPANY LIMITED 1-2-58 Hiromachi Shinagawa-ku Tokyo 140-8710, JP-Japan  
NAKAGAMI, Hiroaki, c/o DAIICHI SANKYO COMPANY LIMITED 1-2-58 Hiromachi Shinagawa-ku Tokyo 140-8710, JP-Japan  
SAGASAKI, Shinji, c/o DAIICHI SANKYO PROPHARMA CO. LTD 588 Kanayakawara Shimada-shi Shizuoka 428-0021, JP-Japan  
ISHIDOH, Koichi, c/o DAIICHI SANKYO COMPANY LIMITED 1-12-1 Shinomiya Hiratsuka-shi Kanagawa 254-0014, JP-Japan  
SEKIGUCHI, Gaku, c/o DAIICHI SANKYO COMPANY LIMITED 1-12-1 Shinomiya Hiratsuka-shi Kanagawa 254-0014, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PHARMACEUTICAL COMPOSITION

- (51) **Klasse :** **A61K 9/48 (2006.01)**  
**A61K 31/593 (2006.01)**  
**A61K 47/06 (2006.01)**  
**A61K 47/14 (2017.01)**  
**A61K 47/44 (2017.01)**
- (87) **EP Publ.nr:** EP3542792  
(86) **EP søkn.nr:** 19172946.6  
(86) **EP innl.dag:** 2008.04.25  
(87) **EP publ.dag:** 2019.09.25  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2007.04.25, US, 91385307 P  
(73) **Innehaver:**  
EirGen Pharma Ltd., Westside Business Park Old Kilmeaden Road Waterford X91 YV67, IE-Irland  
Opko Renal, LLC, 4400 Biscayne Boulevard Miami, FL 33137, US-USA
- (72) **Oppfinner:**  
Bishop, Charles W., 801 S Miami Avenue Unit 5101-10 Miami, FL 33130, US-USA  
Tabash, Samir P., 131 Toscana Drive Whitby, Ontario L1R 2Z9, CA-Canada  
Agudoawu, Sammy A., 3123 Cabano Crescent Mississauga, Ontario L5M 0C5, CA-Canada  
White, Jay A., 194 Stellick Avenue Newmarket, Ontario L3X 1T3, CA-Canada  
Crawford, Keith H., 610 N Pines Trl. Parker, CO 80138, US-USA  
Messner, Eric J., 1308 Edgewood Road Lake Forest, IL Illinois 60045, US-USA  
Petkovich, P. Martin, 35 Lakeland Point Drive Kingston, Ontario K7M 4E8, CA-Canada
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CONTROLLED RELEASE 25-HYDROXYVITAMIN D

- (51) **Klasse :** **A61K 9/48 (2006.01)**  
**A61K 31/4178 (2006.01)**  
**A61P 11/00 (2006.01)**
- (87) **EP Publ.nr:** EP4138789  
(86) **EP søkn.nr:** 21724011.8  
(86) **EP innl.dag:** 2021.04.23  
(87) **EP publ.dag:** 2023.03.01  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2020.04.24, GB, 202006074  
(86) **Int.inndag :** 2021.04.23  
(86) **Int.søknadsnr :** PCT/GB2021/050993  
(73) **Innehaver:**  
Vicore Pharma AB, Kornhamnstorg 53111 27 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
CAMBER, Ola, Kornhamnstorg 53111 27 Stockholm, SE-Sverige  
JOHANSSON, Christina, Viktor Rydbergsgatan 33 SE41257 Göteborg, SE-Sverige
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
NEW DELAYED RELEASE COMPOSITION FOR PERORAL ADMINISTRATION



- (51) **Klasse :** *A61K 31/19 (2006.01)*  
*A61K 31/197 (2006.01)*  
*A61K 31/403 (2006.01)*  
*A61K 31/4439 (2006.01)*  
*A61K 31/4985 (2006.01)*  
*A61K 31/513 (2006.01)*  
*A61K 31/5513 (2006.01)*  
*A61P 3/10 (2006.01)*
- (87) **EP Publ.nr:** EP3520786  
(86) **EP søkn.nr:** 18182706.4  
(86) **EP innl.dag:** 2018.07.10  
(87) **EP publ.dag:** 2019.08.07  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2018.02.06, RU, 2018104548  
(73) **Innehaver:**  
LEVICURE Ltd., Mania 10/7 b,Rishon LeZiyon 7524166, IL-  
Israel
- (72) **Oppfinner:**  
LEVIT, Shmuel Boris, 17 Hertzelp.O. Box 195, 38101  
Hadera, IL-Israael
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge
- (54) **Benevnelse:**  
A COMBINATION OF SUBSTANCES FOR USE IN  
REGENERATIVE THERAPY IN PATIENTS WITH TYPE 1  
DIABETES MELLITUS

- (51) **Klasse :** *A61K 31/497 (2006.01)*  
*A61K 31/416 (2006.01)*  
*A61K 31/4439 (2006.01)*  
*A61K 31/675 (2006.01)*  
*A61P 1/00 (2006.01)*  
*A61P 29/00 (2006.01)*
- (87) **EP Publ.nr:** EP3621619  
(86) **EP søkn.nr:** 18727546.6  
(86) **EP innl.dag:** 2018.05.08  
(87) **EP publ.dag:** 2020.03.18  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2017.05.08, US, 201762503280 P  
(86) **Int.inndag :** 2018.05.08  
(86) **Int.søknadsnr :** PCT/US2018/031688  
(73) **Innehaver:**  
Arena Pharmaceuticals, Inc., 235 East 42nd StreetNew  
York, NY 10017, US-USA
- (72) **Oppfinner:**  
LASSEN, Cheryl Geraldine, c/o Arena Pharmaceuticals Inc.  
6154 Nancy Ridge DriveSan Diego California 92121, US-  
USA  
PICCIRILLO, Marcelo Fabian, c/o Arena Pharmaceuticals  
Inc. 6154 Nancy Ridge DriveSan Diego California 92121,  
US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMPOUNDS AND METHODS FOR TREATMENT OF  
VISCERAL PAIN

- (51) **Klasse :** *A61K 33/00 (2006.01)*  
*A23L 2/395 (2006.01)*  
*A23L 2/40 (2006.01)*  
*A23L 2/54 (2006.01)*  
*A23L 2/56 (2006.01)*  
*A23L 2/68 (2006.01)*  
*A23L 33/16 (2016.01)*  
*A61K 9/00 (2006.01)*  
*A61K 9/20 (2006.01)*  
*A61K 31/194 (2006.01)*  
*A61K 33/06 (2006.01)*  
*A61K 45/06 (2006.01)*  
*A61K 47/02 (2006.01)*  
*A61K 47/12 (2006.01)*  
*A61K 47/26 (2006.01)*  
*C01B 3/08 (2006.01)*  
*C01F 5/00 (2006.01)*
- (87) **EP Publ.nr:** EP3484486  
(86) **EP søkn.nr:** 17827064.1  
(86) **EP innl.dag:** 2017.07.17  
(87) **EP publ.dag:** 2019.05.22  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.07.15, US, 201662362841 P  
(86) **Int.inndag :** 2017.07.17  
(86) **Int.søknadsnr :** PCT/IB2017/001067  
(73) **Innehaver:**  
H2 Water Technologies Ltd, David Smalley Law Office  
2300- 1066 W Hastings St.Vancouver, BC V6E 3X2, CA-  
Canada
- (72) **Oppfinner:**  
TARNAVA, Alexander, 555 Foster Ave Apt. 106Coquitlam,  
BC V3J 0B6, CA-Canada  
HOLLAND, Richard James, 2828 East 16th  
AvenueVancouver, BC V5M 2M1, CA-Canada
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITION FOR PRODUCING HYDROGEN RICH  
WATER

- (51) **Klasse :** *A61K 33/14 (2006.01)*  
*A01K 61/13 (2017.01)*  
*A01N 59/08 (2006.01)*  
*A61K 9/00 (2006.01)*  
*A61K 35/00 (2006.01)*  
*A61K 35/08 (2015.01)*  
*A61P 33/00 (2006.01)*
- (87) **EP Publ.nr:** EP3422856  
(86) **EP søkn.nr:** 17760372.7  
(86) **EP innl.dag:** 2017.03.02  
(87) **EP publ.dag:** 2019.01.09  
(80) **EP meddelt :** 2023.06.14  
(30) **Prioritet:** 2016.03.04, NO, 20160382  
(86) **Int.inndag :** 2017.03.02  
(86) **Int.søknadsnr :** PCT/NO2017/050059  
(73) **Innehaver:**  
Vestland Pharma AS, Rygg Skule Heggjedalen 86823  
SandaneNorge
- (72) **Oppfinner:**  
KANDAL, Inge Arne, Kvernhusvegen 146770  
NordfjordeidNorge
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
PREPARATION CONTAINING SEA WATER AND AN  
ADDED POTASSIUM COMPOUND

(51) **Klasse :** **A61K 33/36 (2006.01)**  
**A61K 9/48 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 35/02 (2006.01)**

(87) **EP Publ.nr:** EP3250213  
(86) **EP søkn.nr:** 16742586.7  
(86) **EP innl.dag:** 2016.01.29  
(87) **EP publ.dag:** 2017.12.06  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2015.01.29, AU, 2015900258  
(86) **Int.inndag :** 2016.01.29  
(86) **Int.søknadsnr :** PCT/AU2016/050046  
(73) **Innehaver:**  
Eupharma Pty Ltd, 5 The Parapet, Castlecrag New South Wales 2068, AU-Australia

(72) **Oppfinner:**  
EUTICK, Malvin, c/o Eupharma Pty Ltd 5 The Parapet Castlecrag, New South Wales 2068, AU-Australia

(74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge

(54) **Benevnelse:**  
COMPOSITIONS CONTAINING ARSENIC FOR USE IN METHODS OF TREATMENT

(51) **Klasse :** **A61K 35/74 (2015.01)**  
**A61P 25/00 (2006.01)**  
**A61P 25/20 (2006.01)**  
**A61P 25/28 (2006.01)**

(87) **EP Publ.nr:** EP3442547  
(86) **EP søkn.nr:** 17783343.1  
(86) **EP innl.dag:** 2017.04.15  
(87) **EP publ.dag:** 2019.02.20  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.04.15, US, 201662322946 P  
(86) **Int.inndag :** 2017.04.15  
(86) **Int.søknadsnr :** PCT/US2017/027827  
(73) **Innehaver:**  
Baylor College of Medicine, One Baylor Plaza Houston, TX 77030-3411, US-USA

(72) **Oppfinner:**  
COSTA-MATTIOLI, Mauro, 2038 Banks Street Houston, TX 77098, US-USA  
BUFFINGTON, Shelly Alexandra, 4523 Water Elm Ct. Houston, TX 77059, US-USA

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
LACTOBACILLUS REUTERI MM4-1A FOR USE IN THE TREATMENT OR PREVENTION OF AUTISM SPECTRUM DISORDERS

(51) **Klasse :** **A61K 35/76 (2015.01)**  
**C12N 15/68 (2006.01)**

(87) **EP Publ.nr:** EP3740222  
(86) **EP søkn.nr:** 19701080.4  
(86) **EP innl.dag:** 2019.01.17  
(87) **EP publ.dag:** 2020.11.25  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.01.17, EP, 18152133  
(86) **Int.inndag :** 2019.01.17  
(86) **Int.søknadsnr :** PCT/EP2019/051128  
(73) **Innehaver:**  
Meiragtx UK II Limited, 92 Britannia Walk London N1 7NQ, GB-Storbritannia  
Universität Heidelberg, Grabengasse 169117 Heidelberg, DE-Tyskland

(72) **Oppfinner:**  
FINN, Jonathan Douglas, 1059 Franklin Street Melrose, Massachusetts 02176, US-USA  
GRIMM, Dirk, Hauptstrasse 7969117 Heidelberg, DE-Tyskland  
BÖRNER, Kathleen, Lutherische Kirchgasse 1069189 Schriesheim, DE-Tyskland  
SNOEK, Susanne Anna, Zevenhuizerlaan 871851 MT Heiloo, NL-Nederland  
BROEKSTRA, Niels, De Veenderij 282421 HJ Nieuwkoop, NL-Nederland  
VAN DER SANDEN, Sabine Maria Gertrude, Geerdinkhof 2741103 RA Amsterdam, NL-Nederland

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
A MODIFIED RAAV CAPSID PROTEIN FOR GENE THERAPY

(51) **Klasse :** **A61K 35/768 (2015.01)**  
**A61K 39/285 (2006.01)**  
**C12N 15/863 (2006.01)**

(87) **EP Publ.nr:** EP3659614  
(86) **EP søkn.nr:** 19203305.8  
(86) **EP innl.dag:** 2015.04.01  
(87) **EP publ.dag:** 2020.06.03  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2014.04.01, GB, 201405834  
(73) **Innehaver:**  
Queen Mary University of London, Mile End Road London E1 4NS, GB-Storbritannia

(72) **Oppfinner:**  
Wang, Yaohe, Molecular Oncology Barts Cancer Institute Queen Mary University of London Ground Floor John Vane Science Centre London EC1M 6BQ, GB-Storbritannia  
Lemoine, Robert Nicholas, Molecular Oncology Barts Cancer Institute Queen Mary University of London Ground Floor John Vane Science Centre London EC1M 6BQ, GB-Storbritannia  
Yuan, Ming, Molecular Oncology Barts Cancer Institute Queen Mary University of London Ground Floor John Vane Science Centre London EC1M 6BQ, GB-Storbritannia  
Ahmed, Jahangir, Molecular Oncology Barts Cancer Institute Queen Mary University of London Ground Floor John Vane Science Centre London EC1M 6BQ, GB-Storbritannia

(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge

(54) **Benevnelse:**  
ONCOLYTIC VACCINIA VIRUS

- (51) **Klasse :** **A61K 38/08 (2019.01)**  
**A61P 31/10 (2006.01)**
- (87) **EP Publ.nr:** EP3920954  
(86) **EP søkn.nr:** 20706848.7  
(86) **EP innl.dag:** 2020.02.05  
(87) **EP publ.dag:** 2021.12.15  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.02.06, NL, 2022520  
(86) **Int.inndag :** 2020.02.05  
(86) **Int.søknadsnr :** PCT/NL2020/050064  
(73) **Innehaver:**  
CBMR Scientific Nanoscience B.V., Blauwe Hoek 46686  
AE Doornenburg, NL-Nederland
- (72) **Oppfinner:**  
BROUWER, Cornelis Peter Johannes Maria, Neptunus  
633962 KX Wijk bij Duurstede, NL-Nederland  
BROERTJES, Paul, Blauwe Hoek 46686 AE Doornenburg,  
NL-Nederland  
BOEKHOUT, Teunis, Goudsbloemstraat 41015 JR  
Amsterdam, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ANTIMICROBIAL PEPTIDE FOR ONYCHOMYCOSIS

- (51) **Klasse :** **A61K 38/26 (2006.01)**  
**A61K 38/28 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 13/12 (2006.01)**  
**G01N 33/68 (2006.01)**
- (87) **EP Publ.nr:** EP3630164  
(86) **EP søkn.nr:** 18730908.3  
(86) **EP innl.dag:** 2018.05.24  
(87) **EP publ.dag:** 2020.04.08  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2017.06.01, US, 201762513556 P  
(86) **Int.inndag :** 2018.05.24  
(86) **Int.søknadsnr :** PCT/US2018/034278  
(73) **Innehaver:**  
Eli Lilly and Company, Lilly Corporate Center Indianapolis,  
IN 46285, US-USA
- (72) **Oppfinner:**  
BOTROS, Fady Talaat, c/o Eli Lilly and Company P.O. Box  
6288 Indianapolis, Indiana 46206-6288, US-USA  
LAKSHMANAN, Mark Chandrakant, c/o Eli Lilly and  
Company P.O. Box 6288 Indianapolis, Indiana 46206-6288,  
US-USA  
TUTTLE, Katherine Rose, c/o Eli Lilly and Company P.O.  
Box 6288 Indianapolis, Indiana 46206-6288, US-USA  
ZIMMERMANN, Alan George, c/o Eli Lilly and Company  
P.O. Box 6288 Indianapolis, Indiana 46206-6288, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
DULAGLUTIDE FOR THE TREATMENT OF CHRONIC  
KIDNEY DISEASE

- (51) **Klasse :** **A61K 38/29 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/16 (2006.01)**  
**A61K 47/34 (2017.01)**  
**A61P 5/18 (2006.01)**  
**A61P 7/00 (2006.01)**  
**A61P 7/04 (2006.01)**  
**A61P 17/14 (2006.01)**  
**A61P 19/02 (2006.01)**  
**A61P 19/08 (2006.01)**  
**A61P 19/10 (2006.01)**  
**A61P 29/00 (2006.01)**
- (87) **EP Publ.nr:** EP3518960  
(86) **EP søkn.nr:** 17781425.8  
(86) **EP innl.dag:** 2017.09.28  
(87) **EP publ.dag:** 2019.08.07  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2016.09.29, EP, 16191451  
2017.02.13, EP, 17155843
- (86) **Int.inndag :** 2017.09.28  
(86) **Int.søknadsnr :** PCT/EP2017/074592  
(73) **Innehaver:**  
Ascendis Pharma Bone Diseases A/S, Tuborg Boulevard  
122900 Hellerup, DK-Danmark
- (72) **Oppfinner:**  
HOLTEN-ANDERSEN, Lars, 2900 Hellerup, DK-Danmark  
SPROGØE, Kennett, 2900 Hellerup, DK-Danmark  
KARPF, David Brian, Palo Alto, CA 94304, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
DOSAGE REGIMEN FOR A CONTROLLED-RELEASE  
PTH COMPOUND

- (51) **Klasse :** **A61K 39/02 (2006.01)**
- (87) **EP Publ.nr:** EP3528838  
(86) **EP søkn.nr:** 17780280.8  
(86) **EP innl.dag:** 2017.09.22  
(87) **EP publ.dag:** 2019.08.28  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2016.09.23, US, 201662398713 P  
2017.06.30, US, 201762527204 P  
2017.07.10, US, 201762530683 P  
2017.07.31, US, 201762539037 P
- (86) **Int.inndag :** 2017.09.22  
(86) **Int.søknadsnr :** PCT/US2017/052891  
(73) **Innehaver:**  
F. Hoffmann-La Roche AG, Grenzacherstrasse 1244070  
Basel, CH-Sveits
- (72) **Oppfinner:**  
LIN, ChinYu, c/o Genentech, Inc. 1 DNA Way South San  
Francisco, CA 94080, US-USA  
OMACHI, Theodore A., c/o Genentech, Inc. 1 DNA  
Way South San Francisco, CA 94080, US-USA  
OWEN, Ryan P., c/o Genentech, Inc. 1 DNA Way South  
San Francisco, CA 94080, US-USA  
YEN, Karl, c/o Genentech, Inc. 1 DNA Way South San  
Francisco, CA 94080, US-USA  
ZHENG, Yanan, 21870 Lomita Avenue Cupertino, CA  
95014, US-USA  
DEBUSK, Kendra, c/o Genentech, Inc. 1 DNA Way South  
San Francisco, CA 94080, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
USES OF IL-13 ANTAGONISTS FOR TREATING ATOPIC  
DERMATITIS

(51) **Klasse :** **A61K 39/395 (2006.01)**  
 (87) **EP Publ.nr:** EP3284479  
 (86) **EP søkn.nr:** 17001634.9  
 (86) **EP innl.dag:** 2012.08.22  
 (87) **EP publ.dag:** 2018.02.21  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2011.08.25, DE, 102011111631  
 (73) **Innehaver:**  
 Intellexon GmbH, Keltensstraße 2782343 Pöcking, DE-Tyskland  
 (72) **Oppfinner:**  
 WÜRFEL, Wolfgang Prof. Dr. Dr., Waldstrasse 385235 Sixtnitgern, DE-Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 A METHOD OF PRODUCING MEDICAMENTS FOR COMBATTING TUMORS

(51) **Klasse :** **A61K 45/06 (2006.01)**  
**A61K 31/216 (2006.01)**  
**A61K 31/41 (2006.01)**  
**A61K 31/506 (2006.01)**  
**A61K 31/519 (2006.01)**  
**A61P 3/06 (2006.01)**  
**A61P 3/14 (2006.01)**  
**A61P 7/02 (2006.01)**  
**A61P 7/10 (2006.01)**  
**A61P 9/00 (2006.01)**  
**A61P 9/04 (2006.01)**  
**A61P 11/00 (2006.01)**  
**A61P 13/12 (2006.01)**  
**A61P 43/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3325013  
 (86) **EP søkn.nr:** 16739146.5  
 (86) **EP innl.dag:** 2016.07.15  
 (87) **EP publ.dag:** 2018.05.30  
 (80) **EP meddelt :** 2020.09.23  
 (30) **Prioritet:** 2015.07.23, EP, 15178141  
 (86) **Int.inndag :** 2016.07.15  
 (86) **Int.søknadsnr :** PCT/EP2016/066891  
 (73) **Innehaver:**  
 Bayer Pharma Aktiengesellschaft, Müllerstrasse 17813353 Berlin, DE-Tyskland  
 (72) **Oppfinner:**  
 MARQUARDT, Tobias, Viktoriastrasse 8142115 Wuppertal, DE-Tyskland  
 FOLLMANN, Markus, Rosmarinweg 2850859 Köln, DE-Tyskland  
 STASCH, Johannes-Peter, Via Del Fico 74b00046 Grottaferrata (RM), IT-Italia  
 (74) **Fullmektig:**  
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia  
 (54) **Benevnelse:**  
 STIMULATORS / ACTIVATORS OF SOLUBLE GUANYLAT CYCLASE IN COMBINATION WITH A NEP-INHIBITOR AND AN ANGIOTENSIN AII-ANTAGONIST AND THE USE THEREOF

(51) **Klasse :** **A61K 47/69 (2017.01)**  
**A61K 33/34 (2006.01)**  
**A61K 47/54 (2017.01)**  
**A61P 25/28 (2006.01)**  
**B82Y 5/00 (2011.01)**  
 (87) **EP Publ.nr:** EP3886868  
 (86) **EP søkn.nr:** 19909903.7  
 (86) **EP innl.dag:** 2019.06.28  
 (87) **EP publ.dag:** 2021.10.06  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2019.01.16, WO, PCT/CN19/071901  
 (86) **Int.inndag :** 2019.06.28  
 (86) **Int.søknadsnr :** PCT/CN2019/093463  
 (73) **Innehaver:**  
 Wuhan Vast Conduct Science Foundation Co., Ltd., Room 506, Building 1, Optics Valley International Biomedical Enterprise Accelerator No. 388 Gaoxin 2nd Road Donghu New Technology Development ZoneWuhan, Hubei 430070, CN-Kina  
 (72) **Oppfinner:**  
 SUN, Taolei, Wuhan University of Technology No. 122 Luoshi RoadWuhan, Hubei 430070, CN-Kina  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 COPPER NANOCCLUSERS, COMPOSITION COMPRISING THE SAME, AND TREATMENT OF MULTIPLE SCLEROSIS

(51) **Klasse :** **A61M 11/00 (2006.01)**  
**A61M 11/02 (2006.01)**  
**A61M 15/00 (2006.01)**  
**A61M 16/00 (2006.01)**  
**A61M 16/01 (2006.01)**  
 (87) **EP Publ.nr:** EP3917599  
 (86) **EP søkn.nr:** 20747948.6  
 (86) **EP innl.dag:** 2020.01.28  
 (87) **EP publ.dag:** 2021.12.08  
 (80) **EP meddelt :** 2023.07.05  
 (30) **Prioritet:** 2019.01.31, US, 201916263749  
 (86) **Int.inndag :** 2020.01.28  
 (86) **Int.søknadsnr :** PCT/US2020/015301  
 (73) **Innehaver:**  
 Texas Tech University System, Office of Research Commercialization P.O. Box 42007Lubbock, TX 79409-2007, US-USA  
 (72) **Oppfinner:**  
 FUHRMAN, Bradley P., 6361 La Posta DriveEl Paso, TX 79922, US-USA  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 DEVICE TO COMPENSATE FOR AIR LEAK FROM AN ANESTHESIA CIRCLE CIRCUIT

- (51) **Klasse :** **A61M 39/20 (2006.01)**  
**A61M 5/50 (2006.01)**  
**B65D 41/34 (2006.01)**  
**B65D 75/58 (2006.01)**
- (87) **EP Publ.nr:** EP3851394  
(86) **EP søkn.nr:** 21150420.4  
(86) **EP innl.dag:** 2021.01.06  
(87) **EP publ.dag:** 2021.07.21  
(80) **EP meddelt :** 2023.05.31  
(30) **Prioritet:** 2020.01.13, GB, 202000444  
(73) **Innehaver:**  
GBUK Group Limited, Woodland House Blackwood Hall  
Business Park North DuffieldSelby, North Yorkshire YO8  
5DD, GB-Storbritannia
- (72) **Oppfinner:**  
COWAN, Joseph, Blackwood Hall Business Park North  
DuffieldSelby, YO8 5DD, GB-Storbritannia  
ALLSOPP, Ross, Blackwood Hall Business Park North  
DuffieldSelby, YO8 5DD, GB-Storbritannia  
SCARD, Nicholas, Blackwood Hall Business Park North  
DuffieldSelby, YO8 5DD, GB-Storbritannia
- (74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland
- (54) **Benevnelse:**  
TAMPER EVIDENT CAP

- (51) **Klasse :** **A61P 1/14 (2006.01)**  
**A23K 20/111 (2016.01)**  
**A23K 20/132 (2016.01)**  
**A23K 50/10 (2016.01)**  
**A23K 50/40 (2016.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/08 (2006.01)**  
**A61K 31/437 (2006.01)**  
**A61K 38/25 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 43/00 (2006.01)**
- (87) **EP Publ.nr:** EP3524260  
(86) **EP søkn.nr:** 19161662.2  
(86) **EP innl.dag:** 2013.09.27  
(87) **EP publ.dag:** 2019.08.14  
(80) **EP meddelt :** 2023.09.13  
(30) **Prioritet:** 2012.09.27, US, 201261706164 P  
(73) **Innehaver:**  
Elanco Animal Health Incorporated, 2500 Innovation  
WayGreenfield, IN 46140, US-USA
- (72) **Oppfinner:**  
Zollers, Bill, 1901 Olathe BoulevardKansas, KS Kansas  
66103, US-USA  
Rhodes, Linda, 1901 Olathe BoulevardKansas, KS Kansas  
66103, US-USA  
Heinen, Ernst, P.O. Box 66103 1901 Olathe  
BoulevardKansas, KS Kansas, US-USA  
Devaraj, Gopinath, 2 Sterling Avenue ManurewaAuckland,  
NZ-New Zealand
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
PHARMACEUTICAL COMPOSITIONS FOR TREATMENT  
OF INAPPETENCE

- (51) **Klasse :** **A61P 29/00 (2006.01)**  
**A61K 31/69 (2006.01)**  
**A61P 35/00 (2006.01)**  
**C07F 5/02 (2006.01)**
- (87) **EP Publ.nr:** EP3921033  
(86) **EP søkn.nr:** 20709706.4  
(86) **EP innl.dag:** 2020.02.07  
(87) **EP publ.dag:** 2021.12.15  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2019.02.08, US, 201962802765 P  
(86) **Int.inndag :** 2020.02.07  
(86) **Int.søknadsnr :** PCT/IB2020/050982  
(73) **Innehaver:**  
AstraZeneca AB, 151 85 Södertälje, SE-Sverige
- (72) **Oppfinner:**  
MLYNARSKI, Scott Nathan, AstraZeneca Pharmaceuticals  
LP 35 Gatehouse DriveWaltham, Massachusetts 02451,  
US-USA  
GREBE, Tyler, AstraZeneca Pharmaceuticals LP 35  
Gatehouse DriveWaltham, Massachusetts 02451, US-USA  
KAWATKAR, Sameer, AstraZeneca Pharmaceuticals LP  
35 Gatehouse DriveWaltham, Massachusetts 02451, US-  
USA  
FINLAY, Maurice Raymond Verschoyle, AstraZeneca UK  
Limited 1 Francis Crick AvenueCambridge Biomedical  
Campus Cambridge CB2 0AA, GB-Storbritannia  
SIMPSON, Iain, AstraZeneca UK Limited 1 Francis Crick  
AvenueCambridge Biomedical Campus Cambridge CB2  
0AA, GB-Storbritannia
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
ARGINASE INHIBITORS AND METHODS OF USE  
THEREOF

- (51) **Klasse :** **A61P 35/02 (2006.01)**  
**A61K 39/00 (2006.01)**  
**A61K 39/395 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 43/00 (2006.01)**  
**C07K 16/28 (2006.01)**  
**C07K 16/30 (2006.01)**
- (87) **EP Publ.nr:** EP3394103  
(86) **EP søkn.nr:** 16826557.7  
(86) **EP innl.dag:** 2016.12.21  
(87) **EP publ.dag:** 2018.10.31  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2015.12.22, US, 201562270749 P  
(86) **Int.inndag :** 2016.12.21  
(86) **Int.søknadsnr :** PCT/US2016/068030  
(73) **Innehaver:**  
Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River  
RoadTarrytown, NY 10591, US-USA
- (72) **Oppfinner:**  
VARGHESE, Bindu, C/o Regeneron Pharmaceuticals Inc.  
777 Old Saw Mill River RoadTarrytown NY 10591, US-USA  
THURSTON, Gavin, C/o Regeneron Pharmaceuticals Inc.  
777 Old Saw Mill River RoadTarrytown NY 10591, US-USA  
LOWY, Israel, C/o Regeneron Pharmaceuticals Inc. 777  
Old Saw Mill River RoadTarrytown NY 10591, US-USA  
BROWNSTEIN, Carrie, C/o Regeneron Pharmaceuticals  
Inc. 777 Old Saw Mill River RoadTarrytown NY 10591, US-  
USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMBINATION OF ANTI-PD-1 ANTIBODIES AND  
BISPECIFIC ANTI-CD20/ANTI-CD3 ANTIBODIES TO  
TREAT CANCER



(51) **Klasse :** **A62B 35/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3116601  
 (86) **EP søkn.nr:** 15709909.4  
 (86) **EP innl.dag:** 2015.03.12  
 (87) **EP publ.dag:** 2017.01.18  
 (80) **EP meddelt :** 2023.07.19  
 (30) **Prioritet:** 2014.03.13, DE, 102014103451  
 (86) **Int.inndag :** 2015.03.12  
 (86) **Int.søknadsnr :** PCT/EP2015/055125  
 (73) **Innehaver:**  
 Skylotec GmbH, Im Mühlengrund 6-856566 Neuwied, DE-  
 Tyskland  
 (72) **Oppfinner:**  
 RINKLAKE, Kai, Auf der Gasse 1556567 Neuwied, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 ARRANGEMENT FOR PROTECTING A PERSON FROM  
 FALLING

(51) **Klasse :** **A62C 31/02 (2006.01)**  
**A62C 31/00 (2006.01)**  
**A62C 35/68 (2006.01)**  
**B01D 35/02 (2006.01)**  
**B05B 15/00 (2018.01)**  
**B05B 15/40 (2018.01)**  
**F23K 5/18 (2006.01)**  
 (87) **EP Publ.nr:** EP3427799  
 (86) **EP søkn.nr:** 18187857.0  
 (86) **EP innl.dag:** 2015.04.07  
 (87) **EP publ.dag:** 2019.01.16  
 (80) **EP meddelt :** 2023.05.31  
 (30) **Prioritet:** 2014.04.04, GB, 201406174  
 2014.04.30, GB, 201407584  
 (73) **Innehaver:**  
 Rigdeluge Global Limited, Unit 4 Cothill Fintray  
 DyceAberdeen AB21 0JD, GB-Storbritannia  
 (72) **Oppfinner:**  
 Garden, Ian, Rigdeluge Global Limited Unit 4, Cothill  
 Fintray, DyceAberdeen, AB21 0JD, GB-Storbritannia  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (54) **Benevnelse:**  
 NOZZLE APPARATUS COMPRISING A FILTER

(51) **Klasse :** **A63B 21/012 (2006.01)**  
**A63B 21/02 (2006.01)**  
 (87) **EP Publ.nr:** EP3887002  
 (86) **EP søkn.nr:** 19889235.8  
 (86) **EP innl.dag:** 2019.11.27  
 (87) **EP publ.dag:** 2021.10.06  
 (80) **EP meddelt :** 2023.09.06  
 (30) **Prioritet:** 2018.11.28, DK, PA201870784  
 2018.11.28, DK, PA201870785  
 2018.11.28, DK, PA201870786  
 2018.11.28, DK, PA201870787  
 (86) **Int.inndag :** 2019.11.27  
 (86) **Int.søknadsnr :** PCT/DK2019/050365  
 (73) **Innehaver:**  
 Danish Aerospace Company A/S, Hvidkærvej 31 A, st.,  
 Højme5250 Odense SV, DK-Danmark  
 (72) **Oppfinner:**  
 HANSEN, Daniel Hasse Hagen, c/o Hvidkærvej 31 A, st.,  
 Højme5250 Odense SV, DK-Danmark  
 (74) **Fullmektig:**  
 Nordic Patent Service A/S, Bredgade 30, 1260  
 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 A MULTIFUNCTIONAL EXERCISE APPARATUS

(51) **Klasse :** **A63F 13/285 (2014.01)**  
**A61N 1/00 (2006.01)**  
**A63F 13/24 (2014.01)**  
**A63F 13/50 (2014.01)**  
**G06F 1/16 (2006.01)**  
**G06F 3/01 (2006.01)**  
 (87) **EP Publ.nr:** EP3960260  
 (86) **EP søkn.nr:** 21203974.7  
 (86) **EP innl.dag:** 2019.11.04  
 (87) **EP publ.dag:** 2022.03.02  
 (80) **EP meddelt :** 2023.06.07  
 (73) **Innehaver:**  
 Boreal Technology & Investment S.L, Av. Sor Teresa Prat,  
 1529003 Málaga, ES-Spania  
 (72) **Oppfinner:**  
 FUERTES PEÑA, Jose, 29018 Málaga, ES-Spania  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 WEARABLE DEVICE AND METHOD THEREOF

(51) **Klasse :** **B01D 24/00 (2006.01)**  
**B01D 24/10 (2006.01)**  
**B01D 24/14 (2006.01)**  
**B01D 24/40 (2006.01)**  
**B01J 19/30 (2006.01)**  
 (87) **EP Publ.nr:** EP3294432  
 (86) **EP søkn.nr:** 16725881.3  
 (86) **EP innl.dag:** 2016.05.16  
 (87) **EP publ.dag:** 2018.03.21  
 (80) **EP meddelt :** 2023.07.12  
 (30) **Prioritet:** 2015.05.15, GB, 201508392  
 2016.01.11, GB, 201600483  
 (86) **Int.inndag :** 2016.05.16  
 (86) **Int.søknadsnr :** PCT/GB2016/000101  
 (73) **Innehaver:**  
 Evolution Aqua Limited, Evolution House Kellett  
 CloseWigan, Lancashire WN5 0LP, GB-Storbritannia  
 (72) **Oppfinner:**  
 JACKSON, Nicholas John, Needless Inn Farm Lady Alices  
 Drive LathomOrmskirk Lancashire L40 5UD, GB-  
 Storbritannia  
 KUIJPER, Jasper Hendericus Maria, 1 Moss  
 LaneBurscough Lancashire L40 4AL, GB-Storbritannia  
 (74) **Fullmektig:**  
 Pintz and Partners LLC, Pf 245, 1444 BUDAPEST, Ungarn  
 (54) **Benevnelse:**  
 MECHANICAL FILTER ELEMENT, APPARATUS AND  
 METHOD



(51) **Klasse :** **B01D 24/10 (2006.01)**  
**B01D 24/46 (2006.01)**  
**C02F 3/02 (2023.01)**  
**C02F 3/34 (2023.01)**

(87) **EP Publ.nr:** EP3552679  
(86) **EP søkn.nr:** 17878216.5  
(86) **EP innl.dag:** 2017.11.23  
(87) **EP publ.dag:** 2019.10.16  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.12.06, CN, 201611109076  
2016.12.06, CN, 201621328393 U

(86) **Int.inndag :** 2017.11.23  
(86) **Int.søknadsnr :** PCT/CN2017/112605  
(73) **Innehaver:**  
Passavant-Geiger GmbH, Passavant-Geiger-Strasse  
165326 Aarbergen, DE-Tyskland

(72) **Oppfinner:**  
ZHANG, Jiansan, No.8 Chengye Road Binjiang  
DistrictHangzhou Zhejiang 310053, CN-Kina

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
HORIZONTAL-FLOW SAND FILTRATION BASIN AND  
WATER TREATMENT PROCESS THEREOF

(51) **Klasse :** **B01D 29/15 (2006.01)**  
**B01D 29/66 (2006.01)**  
**B01D 29/92 (2006.01)**

(87) **EP Publ.nr:** EP3838371  
(86) **EP søkn.nr:** 19000584.3  
(86) **EP innl.dag:** 2019.12.20  
(87) **EP publ.dag:** 2021.06.23  
(80) **EP meddelt :** 2023.06.07  
(73) **Innehaver:**  
Lehmann, Titus, Jocketa - Poehler Straße 1008543 Pöhl,  
DE-Tyskland

(72) **Oppfinner:**  
Lehmann, Titus, Jocketa - Poehler Straße 1008543 Pöhl,  
DE-Tyskland

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike

(54) **Benevnelse:**  
FLUID FILTER AND METHOD TO CLEAN A FLUID  
FILTER

(51) **Klasse :** **B01D 53/00 (2006.01)**  
**B01D 49/00 (2006.01)**  
**B01D 53/24 (2006.01)**  
**F25J 3/08 (2006.01)**

(87) **EP Publ.nr:** EP3912703  
(86) **EP søkn.nr:** 21151563.0  
(86) **EP innl.dag:** 2021.01.14  
(87) **EP publ.dag:** 2021.11.24  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2020.05.19, RU, 2020117714  
(73) **Innehaver:**  
Aladyev, Sergey I., V. Maslovka 24-45Moscow 127083,  
RU-Russland  
Baklyukova, Ekaterina P., V. Maslovka 24-45Moscow  
127083, RU-Russland  
Aladyev, Ivan S., V. Maslovka 24-45Moscow 127083, RU-  
Russland

(72) **Oppfinner:**  
Aladyev, Sergey I., 127083 Moscow, RU-Russland

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
GAS PURIFICATION METHOD FROM IMPURITIES

(51) **Klasse :** **B01D 53/62 (2006.01)**  
**B01D 9/00 (2006.01)**  
**B01J 19/24 (2006.01)**  
**C01F 11/18 (2006.01)**

(87) **EP Publ.nr:** EP3787774  
(86) **EP søkn.nr:** 19725034.3  
(86) **EP innl.dag:** 2019.05.02  
(87) **EP publ.dag:** 2021.03.10  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2018.05.02, EP, 18170406  
(86) **Int.inndag :** 2019.05.02  
(86) **Int.søknadsnr :** PCT/EP2019/061254  
(73) **Innehaver:**  
Climate Solutions ApS, Bernstorffsvej 193B2920  
Charlottenlund, DK-Danmark

(72) **Oppfinner:**  
TRAMPE, Erik, 2920 Charlottenlund, DK-Danmark

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
PERMANENT STORAGE OF CARBON DIOXIDE

(51) **Klasse :** **B01J 8/02 (2006.01)**  
**C01B 3/12 (2006.01)**  
**C01B 3/34 (2006.01)**  
**C01B 3/58 (2006.01)**

(87) **EP Publ.nr:** EP3319720  
(86) **EP søkn.nr:** 16738512.9  
(86) **EP innl.dag:** 2016.07.07  
(87) **EP publ.dag:** 2018.05.16  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2015.07.07, GB, 201511855  
(86) **Int.inndag :** 2016.07.07  
(86) **Int.søknadsnr :** PCT/GB2016/052044  
(73) **Innehaver:**  
University of Newcastle Upon Tyne, Kings GateNewcastle  
Upon Tyne NE1 7RU, GB-Storbritannia

(72) **Oppfinner:**  
METCALFE, Ian, c/o University of Newcastle upon Tyne  
Kings GateNewcastle upon Tyne NE1 7RU, GB-  
Storbritannia

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
CHEMICAL LOOPING

(51) **Klasse :** **B01J 41/07 (2017.01)**  
**B01J 39/05 (2017.01)**  
**B01J 47/014 (2017.01)**  
**B01J 47/02 (2017.01)**

(87) **EP Publ.nr:** EP4076746  
(86) **EP søkn.nr:** 20825268.4  
(86) **EP innl.dag:** 2020.12.17  
(87) **EP publ.dag:** 2022.10.26  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2019.12.20, IT, 201900024991  
(86) **Int.inndag :** 2020.12.17  
(86) **Int.søknadsnr :** PCT/IB2020/062102  
(73) **Innehaver:**  
Versalis S.p.A., Piazza Boldrini 120097 San Donato  
Milanese (MI), IT-Italia

(72) **Oppfinner:**  
BATTISTEL, Ezio, Via Fauser 428100 Novara, IT-Italia  
BALDASSARRE, Mario, Via Fauser 428100 Novara, IT-  
Italia

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
PROCESS FOR RECOVERING AND RECYCLING ALKYL  
SULFONIC ACID IN THE PRODUCTION OF LIPIDS  
FROM BIOMASS DERIVING FROM GUAYULE PLANTS

- (51) **Klasse :** **B02C 2/04 (2006.01)**  
 (87) **EP Publ.nr:** EP3946740  
 (86) **EP søkn.nr:** 20717292.5  
 (86) **EP innl.dag:** 2020.03.24  
 (87) **EP publ.dag:** 2022.02.09  
 (80) **EP meddelt :** 2023.06.28  
 (30) **Prioritet:** 2019.03.25, US, 201916363477  
 (86) **Int.inndag :** 2020.03.24  
 (86) **Int.søknadsnr :** PCT/IB2020/052753  
 (73) **Innehaver:**  
 Metso Outotec Finland Oy, Lokomonkatu 333900 Tampere, FI-Finland
- (72) **Oppfinner:**  
 BOULAY, Pierrick, 312 rue du Pré du Breuil71680 Vinzelles, FR-Frankrike  
 PELTONEN, Mika, Tornikallionkatu 133340 Tampere, FI-Finland  
 BARSCEVICIUS, Paulo, Av Independencia, 250018087-101 Sorocaba, BR-Brasil  
 LAUTALA, Aki, Haiharankatu 15 G 6533710 Tampere, FI-Finland  
 GALLAY, Nicolas, La Bombie71520 Montagny-sur-Grosne, FR-Frankrike  
 HOOGLAND, Jonathon, 4460 S 131st StreetNew Berlin, Wisconsin 53151, US-USA  
 NIKLEWSKI, Andrzej, Rua Padre Pereira Andrade, 545 apto E-13105469-000 Alto de Pinheiros, BR-Brasil  
 DELAHAYE, Maxime, 855, rue de la Plaine74800 Amancy, FR-Frankrike  
 KUVAJA, Kari, Aarikkalankatu 12 D 1533530 Tampere, FI-Finland
- (74) **Fullmektig:**  
 AWA NORWAY AS, Drammensveien 151, 0277 OSLO, Norge
- (54) **Benevnelse:**  
 CONE CRUSHER

- (51) **Klasse :** **B03C 3/12 (2006.01)**  
**B03C 3/68 (2006.01)**  
**B03C 3/72 (2006.01)**  
 (87) **EP Publ.nr:** EP3558537  
 (86) **EP søkn.nr:** 18700137.5  
 (86) **EP innl.dag:** 2018.01.03  
 (87) **EP publ.dag:** 2019.10.30  
 (80) **EP meddelt :** 2023.08.23  
 (30) **Prioritet:** 2017.01.30, CH, 982017  
 (86) **Int.inndag :** 2018.01.03  
 (86) **Int.søknadsnr :** PCT/EP2018/050093  
 (73) **Innehaver:**  
 Clean Air Enterprise AG, St. Wendelin 16343 Holzhausern ZG, CH-Sveits
- (72) **Oppfinner:**  
 SCHINDLER, Kaspar, Wannenhofstrasse 415726 Unterkulm, CH-Sveits
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
 ELECTROFILTER

- (51) **Klasse :** **B07C 3/00 (2006.01)**  
**B07C 3/02 (2006.01)**  
**B07C 3/08 (2006.01)**  
**B07C 5/38 (2006.01)**  
 (87) **EP Publ.nr:** EP3452234  
 (86) **EP søkn.nr:** 17724972.9  
 (86) **EP innl.dag:** 2017.05.03  
 (87) **EP publ.dag:** 2019.03.13  
 (80) **EP meddelt :** 2023.07.12  
 (30) **Prioritet:** 2016.05.03, US, 201662331020 P  
 (86) **Int.inndag :** 2017.05.03  
 (86) **Int.søknadsnr :** PCT/US2017/030930  
 (73) **Innehaver:**  
 Opex Corporation, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA
- (72) **Oppfinner:**  
 MCVAUGH, Monty, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 RESSLER, David, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 DIETRICH, Douglas, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 STEVENS, Alexander, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 O'MARA, Kerry, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 CHERRY, Kevin, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 HODGE, Robert, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 YORK, Michael, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA  
 DEWITT, Robert, 305 Commerce DriveMoorestown, NJ 08057-4234, US-USA
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
 MATERIAL HANDLING METHOD FOR SORTING ITEMS USING A DYNAMICALLY CONFIGURABLE SORTING ARRAY

- (51) **Klasse :** **B08B 3/02 (2006.01)**  
**B08B 5/02 (2006.01)**  
 (87) **EP Publ.nr:** EP2852470  
 (86) **EP søkn.nr:** 14755767.2  
 (86) **EP innl.dag:** 2014.07.07  
 (87) **EP publ.dag:** 2015.04.01  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2013.07.22, AT, 5882013  
 (86) **Int.inndag :** 2014.07.07  
 (86) **Int.søknadsnr :** PCT/AT2014/000136  
 (73) **Innehaver:**  
 Ruß, Egon, Zeil 199473 Lavamünd, AT-Østerrike  
 Maggale, Anton, Görlitzen 269462 Bad St. Leonhard, AT-Østerrike
- (72) **Oppfinner:**  
 Ruß, Egon, Zeil 199473 Lavamünd, AT-Østerrike  
 Maggale, Anton, Görlitzen 269462 Bad St. Leonhard, AT-Østerrike
- (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
 METHOD AND APPARATUS FOR CLEANING OF SENSORS

(51) **Klasse :** *B23D 61/12 (2006.01)*  
 (87) **EP Publ.nr:** EP3356073  
 (86) **EP søkn.nr:** 16787346.2  
 (86) **EP innl.dag:** 2016.09.30  
 (87) **EP publ.dag:** 2018.08.08  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2015.10.02, DE, 102015116747  
 (86) **Int.inndag :** 2016.09.30  
 (86) **Int.søknadsnr :** PCT/EP2016/073450  
 (73) **Innehaver:**  
 WIKUS-Sägenfabrik Wilhelm H. Kullmann GmbH & Co.  
 KG, Melsunger Strasse 3034286 Spangenberg, DE-  
 Tyskland  
 (72) **Oppfinner:**  
 KULLMANN, Jörg H., Zum Steinbach 234286  
 Spangenberg, DE-Tyskland  
 HEIMEL, Dirk, Sportplatzstrasse 534587 Felsberg, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  
 (54) **Benevnelse:**  
 BAND SAW BLADE HAVING A CHIP-SPLITTING TOOTH

(51) **Klasse :** *B25J 5/00 (2006.01)*  
*B08B 1/00 (2006.01)*  
*B08B 5/04 (2006.01)*  
*B65G 1/04 (2006.01)*  
 (87) **EP Publ.nr:** EP3423241  
 (86) **EP søkn.nr:** 17709608.8  
 (86) **EP innl.dag:** 2017.02.28  
 (87) **EP publ.dag:** 2019.01.09  
 (80) **EP meddelt :** 2023.06.21  
 (30) **Prioritet:** 2016.02.29, GB, 201603520  
 (86) **Int.inndag :** 2017.02.28  
 (86) **Int.søknadsnr :** PCT/EP2017/054633  
 (73) **Innehaver:**  
 Ocado Innovation Limited, The Legal Department 1 Trident  
 Place Mosquito WayHatfield, Herts AL10 9UL, GB-  
 Storbritannia  
 (72) **Oppfinner:**  
 STADIE, Robert, Ocado Innovation Limited Legal  
 Department Titan Court 3 Bishops Square Hatfield  
 Business ParkHatfield Hertfordshire AL10 9NE, GB-  
 Storbritannia  
 INGRAM-TEDD, Andrew, John, Ocado Innovation Limited  
 Titan Court 3 Bishop Square Hatfield Business ParkHatfield  
 Hertfordshire AL10 9NE, GB-Storbritannia  
 WHELAN, Matthew, The Legal Department 1 Trident Place  
 Mosquito WayHatfield Herts AL10 9UL, GB-Storbritannia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 ROBOTIC SERVICE DEVICE AND HANDLING METHOD

(51) **Klasse :** *B25J 9/16 (2006.01)*  
*B23Q 3/06 (2006.01)*  
*B27M 1/08 (2006.01)*  
*G05B 19/19 (2006.01)*  
 (87) **EP Publ.nr:** EP3967469  
 (86) **EP søkn.nr:** 20315408.3  
 (86) **EP innl.dag:** 2020.09.11  
 (87) **EP publ.dag:** 2022.03.16  
 (80) **EP meddelt :** 2023.06.07  
 (73) **Innehaver:**  
 Leko Labs S.A., Rue de l'Industrie Technoport Bâtiment  
 1C3895 Foetz, LU-Luxembourg  
 (72) **Oppfinner:**  
 Cordier, François-Xavier, L-8017 Strassen, LU-  
 Luxembourg  
 Ferrari, Matteo, L-7233 Bereldange, LU-Luxembourg  
 Carvalheiras, Catarina, L-4220 Esch-Sur-Alzette, LU-  
 Luxembourg  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 ASSEMBLING DEVICE FOR MANUFACTURING A PANEL  
 ASSEMBLY

(51) **Klasse :** *B32B 5/02 (2006.01)*  
*B32B 5/20 (2006.01)*  
*B32B 13/14 (2006.01)*  
*D04H 1/4218 (2012.01)*  
*D04H 1/587 (2012.01)*  
 (87) **EP Publ.nr:** EP3898226  
 (86) **EP søkn.nr:** 19848914.8  
 (86) **EP innl.dag:** 2019.12.18  
 (87) **EP publ.dag:** 2021.10.27  
 (80) **EP meddelt :** 2023.08.30  
 (30) **Prioritet:** 2018.12.19, US, 201862781770 P  
 (86) **Int.inndag :** 2019.12.18  
 (86) **Int.søknadsnr :** PCT/US2019/067040  
 (73) **Innehaver:**  
 Owens Corning Intellectual Capital, LLC, One Owens  
 Corning ParkwayToledo, OH 43659, US-USA  
 (72) **Oppfinner:**  
 WANG, Xin, 912 Little Creek Dr.Fort Mill, SC 29715, US-  
 USA  
 GEEL, Paul, Schefferlaan 266869TB Heveadorp, NL-  
 Nederland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 THIN LAYER UV CURING COATING ON NON-WOVEN  
 FACERS

(51) **Klasse :** **B32B 21/14 (2006.01)**  
**B27D 1/06 (2006.01)**  
**B27G 1/00 (2006.01)**  
**B32B 21/02 (2006.01)**  
**B44C 5/04 (2006.01)**

(87) **EP Publ.nr:** EP3092123  
(86) **EP søkn.nr:** 15735032.3  
(86) **EP innl.dag:** 2015.01.09  
(87) **EP publ.dag:** 2016.11.16  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2014.01.10, SE, 1450023  
2014.05.12, SE, 1450552  
2014.09.29, SE, 1451154

(86) **Int.inndag :** 2015.01.09  
(86) **Int.søknadsnr :** PCT/SE2015/050007  
(73) **Innehaver:**  
Vålinge Innovation AB, Prästavägen 513263 64 Viken, SE-Sverige  
(72) **Oppfinner:**  
ZIEGLER, Göran, Hästhovsvägen 11S-263 62 Viken, SE-Sverige  
PERVAN, Darko, Bygatan 30S-263 61 Viken, SE-Sverige  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
(54) **Benevnelse:**  
WOOD FIBRE BASED PANEL WITH A SURFACE LAYER

(51) **Klasse :** **B60B 9/26 (2006.01)**  
**B60B 9/24 (2006.01)**  
**B60B 9/28 (2006.01)**

(87) **EP Publ.nr:** EP3906167  
(86) **EP søkn.nr:** 19842445.9  
(86) **EP innl.dag:** 2019.12.16  
(87) **EP publ.dag:** 2021.11.10  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.12.31, US, 201816237478  
2019.04.12, US, 201916383169  
2019.10.08, US, 201916596302

(86) **Int.inndag :** 2019.12.16  
(86) **Int.søknadsnr :** PCT/US2019/066521  
(73) **Innehaver:**  
GACW Incorporated, 3100 West Ray Road, Suite 201 Chandler, AZ 85226, US-USA  
(72) **Oppfinner:**  
KEMENY, Zoltan, 5661 West Park Avenue Chandler, Arizona 85226, US-USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
WHEEL ASSEMBLY INCLUDING INNER AND OUTER RIM COUPLED HYDRAULIC DAMPERS AND RELATED METHODS

(51) **Klasse :** **B60H 1/22 (2006.01)**  
**B60H 1/00 (2006.01)**  
**B60N 3/04 (2006.01)**  
**B60R 3/02 (2006.01)**  
**B60R 13/02 (2006.01)**  
**B61D 19/02 (2006.01)**  
**B61D 23/00 (2006.01)**  
**B61D 27/00 (2006.01)**

(87) **EP Publ.nr:** EP3946990  
(86) **EP søkn.nr:** 20725446.7  
(86) **EP innl.dag:** 2020.05.04  
(87) **EP publ.dag:** 2022.02.09  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2019.05.29, DE, 102019207923  
(86) **Int.inndag :** 2020.05.04  
(86) **Int.søknadsnr :** PCT/EP2020/062244  
(73) **Innehaver:**  
Siemens Mobility GmbH, Otto-Hahn-Ring 681739 München, DE-Tyskland  
(72) **Oppfinner:**  
HILDEBRANDT, Alexander, Peter-Zadek-Str.144789 Bochum, DE-Tyskland  
KASAP, İrfan, Belgorodstr. 30b44653 Herne, DE-Tyskland  
SCHMITZ, Markus, In der Au 2052379 Langerwehe, DE-Tyskland  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(54) **Benevnelse:**  
PASSENGER VEHICLE WITH A DEVICE FOR HEATING AT LEAST ONE STEP OF AN ENTRY REGION OF THE VEHICLE

(51) **Klasse :** **B60J 11/06 (2006.01)**

(87) **EP Publ.nr:** EP3750727  
(86) **EP søkn.nr:** 19180222.2  
(86) **EP innl.dag:** 2019.06.14  
(87) **EP publ.dag:** 2020.12.16  
(80) **EP meddelt :** 2023.07.05  
(73) **Innehaver:**  
Andersen, Leif Carøe, Julius Posseltsvej 3A, 20.19400 Nørre Sundby, DK-Danmark  
(72) **Oppfinner:**  
Andersen, Leif Carøe, Julius Posseltsvej 3A, 20.19400 Nørre Sundby, DK-Danmark  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
DOOR PROTECTION

(51) **Klasse :** **B60K 35/00 (2006.01)**  
**E02F 9/26 (2006.01)**  
**G02B 27/01 (2006.01)**

(87) **EP Publ.nr:** EP3808588  
(86) **EP søkn.nr:** 20201620.0  
(86) **EP innl.dag:** 2020.10.13  
(87) **EP publ.dag:** 2021.04.21  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2019.10.15, IT, 201900018836  
(73) **Innehaver:**  
Manitou Italia S.r.l., Via Cristoforo Colombo 2 Localita' Cavazzona41013 Castelfranco Emilia (Modena), IT-Italia  
(72) **Oppfinner:**  
IOTTI, Marco, VIA BEDESCHI 3942123 REGGIO EMILIA, IT-Italia  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
IMPROVED SYSTEM FOR DISPLAYING INFORMATION

- (51) **Klasse :** **B60L 58/16 (2019.01)**  
**B60L 3/12 (2006.01)**  
**B60L 58/12 (2019.01)**
- (87) **EP Publ.nr:** EP3919319  
(86) **EP søkn.nr:** 20920763.8  
(86) **EP innl.dag:** 2020.11.30  
(87) **EP publ.dag:** 2021.12.08  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2020.04.23, CN, 202010328925  
(86) **Int.inndag :** 2020.11.30  
(86) **Int.søknadsnr :** PCT/CN2020/132901  
(73) **Innehaver:**  
Contemporary Amperex Technology Co., Limited, No. 2  
Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde  
City Fujian 352100, CN-Kina
- (72) **Oppfinner:**  
DU, Mingshu, No. 2 Xin'gang Road, Zhangwan Town  
Jiaocheng District Ningde City, Fujian 352100, CN-Kina  
LI, Shichao, No. 2 Xin'gang Road, Zhangwan Town  
Jiaocheng District Ningde City, Fujian 352100, CN-Kina  
WU, Weiqing, No. 2 Xin'gang Road, Zhangwan Town  
Jiaocheng District Ningde City, Fujian 352100, CN-Kina  
ZHANG, Wei, No. 2 Xin'gang Road, Zhangwan Town  
Jiaocheng District Ningde City, Fujian 352100, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
BATTERY CHARGING CONTROL METHOD AND  
DEVICE, AND BATTERY MANAGEMENT SYSTEM AND  
MEDIUM

- (51) **Klasse :** **B60L 58/24 (2019.01)**  
**B60L 58/12 (2019.01)**  
**B60L 58/26 (2019.01)**  
**B60L 58/27 (2019.01)**
- (87) **EP Publ.nr:** EP3919320  
(86) **EP søkn.nr:** 20850104.9  
(86) **EP innl.dag:** 2020.07.23  
(87) **EP publ.dag:** 2021.12.08  
(80) **EP meddelt :** 2023.08.30  
(30) **Prioritet:** 2019.08.05, CN, 201910716195  
(86) **Int.inndag :** 2020.07.23  
(86) **Int.søknadsnr :** PCT/CN2020/103845  
(73) **Innehaver:**  
Contemporary Amperex Technology Co., Limited, No. 2  
Xingang Road Zhangwan Town Jiaocheng District Ningde  
City, Fujian 352100, CN-Kina
- (72) **Oppfinner:**  
WU, Xingyuan, No.2 Xin'gang Road, Zhangwan Town,  
Jiaocheng District Ningde, Fujian 352100, CN-Kina  
LI, Yanru, No.2 Xin'gang Road, Zhangwan Town,  
Jiaocheng District Ningde, Fujian 352100, CN-Kina  
SONG, Yurui, No.2 Xin'gang Road, Zhangwan Town,  
Jiaocheng District Ningde, Fujian 352100, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
THERMAL MANAGEMENT METHOD FOR BATTERY  
PACK

- (51) **Klasse :** **B60R 9/055 (2006.01)**  
**B25B 13/04 (2006.01)**  
**B25B 13/46 (2006.01)**  
**B25B 23/14 (2006.01)**  
**B25B 23/142 (2006.01)**  
**B60R 9/058 (2006.01)**
- (87) **EP Publ.nr:** EP4094993  
(86) **EP søkn.nr:** 21176358.6  
(86) **EP innl.dag:** 2021.05.27  
(87) **EP publ.dag:** 2022.11.30  
(80) **EP meddelt :** 2023.08.02  
(73) **Innehaver:**  
Thule Sweden AB, Box 69335 04 Hillerstorp, SE-Sverige
- (72) **Oppfinner:**  
NILVIUS, Anders, 33135 Värnamo, SE-Sverige  
RINMAN, Johan, 331 36 Värnamo, SE-Sverige  
GISELSON, Mathias, 33130 Värnamo, SE-Sverige
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
TIGHTENING MEMBER, CLAMP MEMBER AND CLAMP  
ASSEMBLY

- (51) **Klasse :** **B60R 21/015 (2006.01)**  
**A62B 3/00 (2006.01)**  
**B60R 21/01 (2006.01)**  
**G08B 7/06 (2006.01)**  
**H05B 45/10 (2020.01)**  
**H05B 47/105 (2020.01)**
- (87) **EP Publ.nr:** EP3222328  
(86) **EP søkn.nr:** 17170844.9  
(86) **EP innl.dag:** 2009.06.04  
(87) **EP publ.dag:** 2017.09.27  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2008.06.19, FI, 20085621  
(73) **Innehaver:**  
MariMils Oy, Pohjantähdentie 1701450 Vantaa, FI-Finland
- (72) **Oppfinner:**  
SUNDHOLM, Göran, Ilmari Kiannon kuja 304310 Tuusula,  
FI-Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND SYSTEM FOR SIGNALING, GUIDING  
AND ALERTING

- (51) **Klasse :** **B60T 7/04 (2006.01)**  
**B60T 15/04 (2006.01)**
- (87) **EP Publ.nr:** EP3956187  
(86) **EP søkn.nr:** 20724346.0  
(86) **EP innl.dag:** 2020.04.17  
(87) **EP publ.dag:** 2022.02.23  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2019.04.17, US, 201962835215 P  
(86) **Int.inndag :** 2020.04.17  
(86) **Int.søknadsnr :** PCT/US2020/028683  
(73) **Innehaver:**  
ZF Off-Highway Solutions Minnesota Inc., 1911 Lee  
Boulevard North Mankato, MN 56003-2507, US-USA
- (72) **Oppfinner:**  
TOMHAVE, Derek, 625 S. Front Street Mankato, Minnesota  
56001, US-USA
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
ELECTRO-HYDRAULIC MODULATING VALVE PEDAL  
ASSEMBLY



(51) **Klasse :** **B60T 7/04 (2006.01)**  
**B60T 7/10 (2006.01)**  
**B60T 13/74 (2006.01)**  
**F16D 55/226 (2006.01)**

(87) **EP Publ.nr:** EP3974265  
(86) **EP søkn.nr:** 20198946.4  
(86) **EP innl.dag:** 2020.09.29  
(87) **EP publ.dag:** 2022.03.30  
(80) **EP meddelt :** 2023.08.30  
(73) **Innehaver:**  
Kema Enterprise Co., Ltd., No. 171-2, Nanbei 6th Rd. Da-an Dist.Taichung 43964, TW-Taiwan

(72) **Oppfinner:**  
Chen, Chung Hao, 43964 Taichung, TW-Taiwan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
MOTOR TRANSMISSION UNIT FOR ELECTRONIC PARKING BRAKE DEVICE

(51) **Klasse :** **B61L 23/04 (2006.01)**  
**B61L 15/00 (2006.01)**

(87) **EP Publ.nr:** EP3740411  
(86) **EP søkn.nr:** 19706392.8  
(86) **EP innl.dag:** 2019.01.31  
(87) **EP publ.dag:** 2020.11.25  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.02.06, FR, 1850960  
2018.02.06, FR, 1850961  
2018.02.06, FR, 1850962

(86) **Int.inndag :** 2019.01.31  
(86) **Int.søknadsnr :** PCT/EP2019/052444  
(73) **Innehaver:**  
Matisa Matériel Industriel S.A., Boulevard de l'Arc-en-Ciel 251023 Crissier, CH-Sveits

(72) **Oppfinner:**  
STUPAR, Milan, Rte de broye 431008 PRILLY, CH-Sveits  
CHINOUNE, Youcef, Rue 60 rue des Chaumes01170 GEX, FR-Frankrike

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike

(54) **Benevnelse:**  
METHOD OF IDENTIFICATION OF POINTS OR LINES OF INTEREST ON A RAILWAY

(51) **Klasse :** **B62B 5/04 (2006.01)**  
**B60L 7/24 (2006.01)**  
**B60L 15/20 (2006.01)**  
**B60L 50/50 (2019.01)**  
**B60L 50/51 (2019.01)**  
**B62B 5/00 (2006.01)**  
**B62B 7/04 (2006.01)**  
**B62B 9/08 (2006.01)**  
**B62B 9/22 (2006.01)**  
**H02K 7/10 (2006.01)**

(87) **EP Publ.nr:** EP3863907  
(86) **EP søkn.nr:** 19870807.5  
(86) **EP innl.dag:** 2019.10.08  
(87) **EP publ.dag:** 2021.08.18  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.10.10, SE, 1851237  
(86) **Int.inndag :** 2019.10.08  
(86) **Int.søknadsnr :** PCT/SE2019/050980  
(73) **Innehaver:**  
Electro Mobility Europe AB, c/o Anders Nordzell Skogsbacken 42163 54 Spånga, SE-Sverige

(72) **Oppfinner:**  
ANDERSSON, Roland, Kräftvägen 3181 29 LIDINGÖ, SE-Sverige

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike

(54) **Benevnelse:**  
WHEEL ASSEMBLY FOR A TROLLEY COMPRISING A MECHANICAL BRAKE ALLOWING FOR A SAFE ROCKING PATTERN

(51) **Klasse :** **B63B 35/44 (2006.01)**  
**B63B 3/06 (2006.01)**  
**E04H 1/12 (2006.01)**

(87) **EP Publ.nr:** EP3031710  
(86) **EP søkn.nr:** 15199783.0  
(86) **EP innl.dag:** 2015.12.14  
(87) **EP publ.dag:** 2016.06.15  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2014.12.12, DK, 201400722  
(73) **Innehaver:**  
Udvikling Danmark A/S, Bygmestervej 572400 Copenhagen, DK-Danmark

(72) **Oppfinner:**  
LOUDRUP, Kim, UDVIKLING DANMARK A/S Strandvejen 337, 1.2930 Klampenborg, DK-Danmark

(74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark

(54) **Benevnelse:**  
HOUSING UNIT



- (51) **Klasse :** **B63H 23/24 (2006.01)**  
**B60L 58/10 (2019.01)**  
**B63H 21/17 (2006.01)**  
**H01M 10/48 (2006.01)**  
**H02H 7/18 (2006.01)**
- (87) **EP Publ.nr:** EP3530560  
(86) **EP søkn.nr:** 19158811.0  
(86) **EP innl.dag:** 2019.02.22  
(87) **EP publ.dag:** 2019.08.28  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.02.22, DE, 102018104068  
(73) **Innehaver:**  
Torqeedo GmbH, Claude-Dornier-Strasse 1 Gebäude  
90182234 Weßling, DE-Tyskland
- (72) **Oppfinner:**  
Basler, Hendrik, Hirschbergstraße 16A80634 München,  
DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DEVICE FOR MONITORING A BOAT DRIVE

- (51) **Klasse :** **B65B 5/10 (2006.01)**  
**B65B 35/30 (2006.01)**  
**B65B 43/26 (2006.01)**  
**B65B 43/42 (2006.01)**  
**B65B 43/54 (2006.01)**  
**B65B 43/56 (2006.01)**
- (87) **EP Publ.nr:** EP3757023  
(86) **EP søkn.nr:** 18906795.2  
(86) **EP innl.dag:** 2018.11.01  
(87) **EP publ.dag:** 2020.12.30  
(80) **EP meddelt :** 2023.05.31  
(30) **Prioritet:** 2018.02.22, JP, 2018029351  
(86) **Int.inndag :** 2018.11.01  
(86) **Int.søknadsnr :** PCT/JP2018/040738  
(73) **Innehaver:**  
Ishida Co., Ltd., 44, Sanno-cho Shogoin Sakyo-ku Kyoto-  
shiKyoto 606-8392, JP-Japan
- (72) **Oppfinner:**  
YOKOTA, Yuji, c/o Ishida Co., Ltd. Shiga Integrated  
Facility, 959-1, ShimomagariRitto-shi Shiga 520-3026, JP-  
Japan  
ARIMATSU, Tatsuya, c/o Ishida Co., Ltd. Shiga Integrated  
Facility, 959-1, ShimomagariRitto-shi Shiga 520-3026, JP-  
Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
BOX PACKING DEVICE

- (51) **Klasse :** **B65D 5/50 (2006.01)**  
**B65D 81/07 (2006.01)**
- (87) **EP Publ.nr:** EP3892556  
(86) **EP søkn.nr:** 20168196.2  
(86) **EP innl.dag:** 2020.04.06  
(87) **EP publ.dag:** 2021.10.13  
(80) **EP meddelt :** 2023.07.12  
(73) **Innehaver:**  
Emba-Protec GmbH & Co. KG, Alter Postweg 6832549  
Bad Oeynhausen, DE-Tyskland
- (72) **Oppfinner:**  
Frankowski, Boris, Wokers Feld 45DE-32549 Bad  
Oeynhausen, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
PACKAGING ELEMENT AND PACKAGING THEREWITH

- (51) **Klasse :** **B65D 19/40 (2006.01)**
- (87) **EP Publ.nr:** EP3722220  
(86) **EP søkn.nr:** 17833026.2  
(86) **EP innl.dag:** 2017.12.06  
(87) **EP publ.dag:** 2020.10.14  
(80) **EP meddelt :** 2023.06.07  
(86) **Int.inndag :** 2017.12.06  
(86) **Int.søknadsnr :** PCT/PT2017/000020  
(73) **Innehaver:**  
Madeca - Madeiras De Caxarias, S.A., Rua 9 de Junho  
19/212436-051 Caxarias, PT-Portugal
- (72) **Oppfinner:**  
DE ALMEIDA VERDASCA PEREIRA, Paulo Manuel, Rua  
da Olaria Nº 2 - 5º E2490-540 Ourém, PT-Portugal
- (74) **Fullmektig:**  
Attorney György Pintz, c/o Pintz & Partners LLC, P.O. Box  
245, 1444 BUDAPEST, Ungarn
- (54) **Benevnelse:**  
PALLET BLOCK, PALLET COMPRISING PALLET  
BLOCKS AND PROCESS FOR OBTAINING A PALLET  
BLOCK AND A PALLET

- (51) **Klasse :** **B65D 47/20 (2006.01)**  
**A61J 1/20 (2006.01)**
- (87) **EP Publ.nr:** EP3656694  
(86) **EP søkn.nr:** 19216871.4  
(86) **EP innl.dag:** 2016.06.14  
(87) **EP publ.dag:** 2020.05.27  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2015.06.16, EP, 15020095  
2015.06.16, EP, 15020096
- (73) **Innehaver:**  
Boehringer Ingelheim Vetmedica GmbH, Binger Strasse  
17355216 Ingelheim am Rhein, DE-Tyskland
- (72) **Oppfinner:**  
RAHMEL, Marcus Rainer, Boehringer Ingelheim  
International GmbH, Corporate Patents Binger Strasse  
17355216 Ingelheim am Rhein, DE-Tyskland  
ENDERT, Guido, DESIGNquadrat GbR Schmiedhofsweg  
150769 Koeln, DE-Tyskland  
WERGEN, Horst, DESIGNquadrat GbR Schmiedhofsweg  
150769 Koeln, DE-Tyskland  
RUF, Jonas, DESIGNquadrat GbR Schmiedhofsweg  
150769 Köln, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CONNECTING AND CONTAINER SYSTEM WITH  
INCLINED FRANGIBLE LINE

- (51) **Klasse :** **B65D 81/00 (2006.01)**  
**A61B 5/00 (2006.01)**
- (87) **EP Publ.nr.:** EP3988471  
(86) **EP søkn.nr.:** 21209431.2  
(86) **EP innl.dag:** 2010.08.30  
(87) **EP publ.dag:** 2022.04.27  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2009.08.31, US, 238657 P  
2009.08.31, US, 23867209 P  
2009.09.30, US, 247541 P  
2010.01.22, US, 297625 P
- (73) **Innehaver:**  
Abbott Diabetes Care, Inc., 1360 South Loop  
RoadAlameda, CA 94502, US-USA
- (72) **Oppfinner:**  
HARPER, Wesley Scott, California, 94502, US-USA  
TAN, Annie, California, 94065, US-USA  
DUNN, Timothy Christian, California, 94117, US-USA  
SLOAN, Mark Kent, California, 94065, US-USA  
DONIGER, Kenneth, California, 94025, US-USA  
MCGARRAUGH, Geoffrey, California, 94105, US-USA  
LOVE, Michael, California, 94566, US-USA  
YEE, Phillip, California, 94122, US-USA  
HAYTER, Gary Alan, California, 94618, US-USA  
TAUB, Marc Barry, California, 94040, US-USA  
PEYSER, Thomas, California, 94025, US-USA  
PANI, Michael, 64372 Ober-Ramstadt, DE-Tyskland  
JENNEWINE, Curtis, California, 94111, US-USA  
BERMAN, Glenn Howard, California, 94502, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
DISPLAYS FOR A MEDICAL DEVICE

- (51) **Klasse :** **B65G 21/20 (2006.01)**  
**B03C 1/23 (2006.01)**  
**B03C 1/247 (2006.01)**
- (87) **EP Publ.nr.:** EP3820795  
(86) **EP søkn.nr.:** 19745466.3  
(86) **EP innl.dag:** 2019.07.08  
(87) **EP publ.dag:** 2021.05.19  
(80) **EP meddelt :** 2023.09.13  
(30) **Prioritet:** 2018.07.09, US, 201862695254 P  
(86) **Int.inndag :** 2019.07.08  
(86) **Int.søknadsnr :** PCT/US2019/040774
- (73) **Innehaver:**  
Novelis Inc., 3560 Lenox Road, Suite 2000Atlanta, GA  
30326, US-USA
- (72) **Oppfinner:**  
KOSMICKI, Michael R., 9321 E. Holman Rd.Spokane  
Valley, Washington 99206, US-USA  
THAKUR, Adwait A., 16004 E. Euclid Ave.Spokane Valley,  
Washington 99216, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
SYSTEMS AND METHODS FOR IMPROVING THE  
STABILITY OF NON-FERROUS METALS ON A  
CONVEYOR

- (51) **Klasse :** **B65G 53/46 (2006.01)**  
**B65G 65/48 (2006.01)**
- (87) **EP Publ.nr.:** EP3628611  
(86) **EP søkn.nr.:** 19194524.5  
(86) **EP innl.dag:** 2019.08.30  
(87) **EP publ.dag:** 2020.04.01  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2018.09.27, DE, 102018216654
- (73) **Innehaver:**  
Coperion GmbH, Theodorstrasse 1070469 Stuttgart, DE-  
Tyskland
- (72) **Oppfinner:**  
Adomeit, Holger, Alberskircherstraße 1588213  
Ravensburg-Dürnast, DE-Tyskland  
Walter, Michael, Willi-Burth-Str. 1188348 Bad Saulgau, DE-  
Tyskland  
Zinser, Bruno, Milanweg 388289 Waldburg, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
CELLULAR WHEEL LOCK FOR GRANULAR BULK  
MATERIAL

- (51) **Klasse :** **B66B 5/04 (2006.01)**  
**B66D 5/04 (2006.01)**  
**B66D 5/14 (2006.01)**  
**F16D 49/00 (2006.01)**  
**F16D 51/00 (2006.01)**  
**F16D 59/02 (2006.01)**
- (87) **EP Publ.nr.:** EP3678971  
(86) **EP søkn.nr.:** 18854047.0  
(86) **EP innl.dag:** 2018.08.16  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.09.07, SE, 1751083
- (86) **Int.inndag :** 2018.08.16  
(86) **Int.søknadsnr :** PCT/SE2018/050832
- (73) **Innehaver:**  
Alimak Group Sweden AB, Box 720931 27 Skellefteå, SE-  
Sverige
- (72) **Oppfinner:**  
LINDSTRÖM, Henrik, Hemvägen 6A932 50 Bureå, SE-  
Sverige
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
A SAFETY BRAKE FOR AN ELEVATOR

- (51) **Klasse :** **B66B 7/12 (2006.01)**
- (87) **EP Publ.nr.:** EP3947234  
(86) **EP søkn.nr.:** 20757699.2  
(86) **EP innl.dag:** 2020.06.12  
(87) **EP publ.dag:** 2022.02.09  
(80) **EP meddelt :** 2023.06.07  
(86) **Int.inndag :** 2020.06.12  
(86) **Int.søknadsnr :** PCT/US2020/037475
- (73) **Innehaver:**  
Tankbots, Inc., 6363 Woodway, Suite 1000Houston, TX  
77057, US-USA
- (72) **Oppfinner:**  
MEYERS, Julian W., Houston, TX 77057, US-USA
- (74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge
- (54) **Benevnelse:**  
METHOD FOR RETRIEVING A MOBILE PLATFORM  
FROM A TANK HAVING ENERGETIC SUBSTANCES

- (51) **Klasse :** **B66C 13/06 (2006.01)**  
**B66C 1/10 (2006.01)**  
**B66C 13/08 (2006.01)**  
**G06Q 10/06 (2023.01)**
- (87) **EP Publ.nr:** EP3359480  
(86) **EP søkn.nr:** 16852903.0  
(86) **EP innl.dag:** 2016.10.07  
(87) **EP publ.dag:** 2018.08.15  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2015.10.08, AU, 2015904106  
2015.12.17, AU, 2015905245
- (86) **Int.inndag :** 2016.10.07  
(86) **Int.søknadsnr :** PCT/AU2016/050941  
(73) **Innehaver:**  
Verton IP Pty Ltd, Level 1 5, Gardner CloseMilton QLD  
4064, AU-Australia
- (72) **Oppfinner:**  
THOMSON, Stanley, C/- Level 6 175 Eagle StreetBrisbane,  
Queensland 4000, AU-Australia  
MILLER, Andrew, C/- Level 6 175 Eagle StreetBrisbane,  
Queensland 4000, AU-Australia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
MATERIALS MANAGEMENT SYSTEMS AND METHODS

- (51) **Klasse :** **B66C 19/00 (2006.01)**  
**A62B 1/20 (2006.01)**  
**B63B 27/10 (2006.01)**  
**B63B 27/30 (2006.01)**  
**B66C 23/48 (2006.01)**
- (87) **EP Publ.nr:** EP3442895  
(86) **EP søkn.nr:** 17718359.7  
(86) **EP innl.dag:** 2017.04.18  
(87) **EP publ.dag:** 2019.02.20  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2016.04.15, NO, 20160633  
(86) **Int.inndag :** 2017.04.18  
(86) **Int.søknadsnr :** PCT/EP2017/059201  
(73) **Innehaver:**  
Kværner AS, Postboks 741325 LysakerNorge
- (72) **Oppfinner:**  
ENGINE, Knut, Olav Nygards Veg 23B7023  
TrondheimNorge  
STUEDAL, Odd Inge, Haakon Odd Christiansens Veg  
387048 TrondheimNorge
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge
- (54) **Benevnelse:**  
DECK HOIST TRACTOR, RESCUE CHUTE AND TOTE  
TANK

- (51) **Klasse :** **B66D 1/74 (2006.01)**  
**B66D 1/76 (2006.01)**
- (87) **EP Publ.nr:** EP3988495  
(86) **EP søkn.nr:** 21202043.2  
(86) **EP innl.dag:** 2021.10.12  
(87) **EP publ.dag:** 2022.04.27  
(80) **EP meddelt :** 2023.09.06  
(30) **Prioritet:** 2020.10.26, FR, 2010940  
(73) **Innehaver:**  
REEL, 69 rue de la Chaux69450 Saint-Cyr au Mont d'Or,  
FR-Frankrike
- (72) **Oppfinner:**  
DEBEVERE, Ronny, 13250 SAINT-CHAMAS, FR-  
Frankrike  
DECREUSEFOND, Sébastien, 13300 PELISSANNE, FR-  
Frankrike  
THUBET, Thomas, 13270 FOS-SUR-MER, FR-Frankrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR CONTROLLING THE OPERATION OF A  
CAPSTAN WINCH AND CAPSTAN WINCH  
IMPLEMENTING SUCH A METHOD

- (51) **Klasse :** **C01B 3/06 (2006.01)**  
**C01B 6/17 (2006.01)**
- (87) **EP Publ.nr:** EP3617136  
(86) **EP søkn.nr:** 19205087.0  
(86) **EP innl.dag:** 2016.11.07  
(87) **EP publ.dag:** 2020.03.04  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2015.11.06, NL, 2015742  
2016.03.07, NL, 2016374
- (73) **Innehaver:**  
H2Fuel Cascade B.V., Rouwkooplaan 52251 AP  
Voorschoten, NL-Nederland
- (72) **Oppfinner:**  
Lugtigheid, Gerardus Wilhelmus, Dilledonknoord 233206  
BW Spijkenisse, NL-Nederland
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
METHOD FOR PRODUCING METAL BOROHYDRIDE  
AND MOLECULAR HYDROGEN

- (51) **Klasse :** *C01B 32/21 (2017.01)*  
*C01B 32/205 (2017.01)*  
*H01M 4/04 (2006.01)*  
*H01M 4/1393 (2010.01)*  
*H01M 4/36 (2006.01)*  
*H01M 4/587 (2010.01)*  
*H01M 4/62 (2006.01)*
- (87) **EP Publ.nr:** EP3896758  
(86) **EP søkn.nr:** 20883678.3  
(86) **EP innl.dag:** 2020.12.01  
(87) **EP publ.dag:** 2021.10.20  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2020.02.19, JP, 2020026174  
(86) **Int.inndag :** 2020.12.01  
(86) **Int.søknadsnr :** PCT/JP2020/044614  
(73) **Innehaver:**  
JFE Chemical Corporation, 17-4, Kuramae 2-chome Taito-kuTokyo 111-0051, JP-Japan
- (72) **Oppfinner:**  
HAGA Ryuta, c/o JFE CHEMICAL CORPORATION 17-4 Kuramae 2-chome Taito-kuTokyo 1110051, JP-Japan  
SHIODE Tetsuo, c/o JFE CHEMICAL CORPORATION 17-4 Kuramae 2-chome Taito-kuTokyo 1110051, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
NEGATIVE ELECTRODE CARBON MATERIAL FOR LITHIUM ION SECONDARY BATTERY, PRODUCTION METHOD THEREFOR, AND NEGATIVE ELECTRODE AND LITHIUM ION SECONDARY BATTERY USING SAME

- (51) **Klasse :** *C02F 1/28 (2023.01)*  
*B01J 20/02 (2006.01)*  
*B01J 20/20 (2006.01)*  
*B01J 20/28 (2006.01)*  
*C01B 32/384 (2017.01)*
- (87) **EP Publ.nr:** EP3539930  
(86) **EP søkn.nr:** 18763671.7  
(86) **EP innl.dag:** 2018.01.22  
(87) **EP publ.dag:** 2019.09.18  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2017.03.07, JP, 2017043169  
(86) **Int.inndag :** 2018.01.22  
(86) **Int.søknadsnr :** PCT/JP2018/001808  
(73) **Innehaver:**  
Metawater Co., Ltd., 1-25, Kanda-sudacho Chiyoda-kuTokyo 101-0041, JP-Japan
- (72) **Oppfinner:**  
MIMA, Satoru, c/o METAWATER Co., Ltd. 1-25 Kanda-Sudacho Chiyoda-kuTokyo 101-0041, JP-Japan  
SHIODE, Sadamitsu, c/o METAWATER Co., Ltd. 1-25 Kanda-Sudacho Chiyoda-kuTokyo 101-0041, JP-Japan  
OYACHI, Hiroyuki, c/o METAWATER Co., Ltd. 1-25 Kanda-Sudacho Chiyoda-kuTokyo 101-0041, JP-Japan  
SUGIURA, Kiyotaka, c/o METAWATER Co., Ltd. 1-25 Kanda-Sudacho Chiyoda-kuTokyo 101-0041, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR SUPPLYING ACTIVATED CARBON SLURRY

- (51) **Klasse :** *C02F 1/28 (2023.01)*  
*C02F 1/52 (2023.01)*  
*C02F 1/54 (2023.01)*  
*C02F 101/30 (2006.01)*  
*C02F 103/00 (2006.01)*  
*C02F 103/06 (2006.01)*  
*C02F 103/08 (2006.01)*  
*C07F 7/12 (2006.01)*  
*C07F 7/21 (2006.01)*  
*C08F 299/00 (2006.01)*  
*C08G 77/04 (2006.01)*  
*C08L 83/06 (2006.01)*
- (87) **EP Publ.nr:** EP3759052  
(86) **EP søkn.nr:** 19708982.4  
(86) **EP innl.dag:** 2019.02.26  
(87) **EP publ.dag:** 2021.01.06  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2018.03.02, DE, 102018203185  
(86) **Int.inndag :** 2019.02.26  
(86) **Int.søknadsnr :** PCT/EP2019/054756  
(73) **Innehaver:**  
ABCR GmbH, Im Schlebert 1076187 Karlsruhe, DE-Tyskland
- (72) **Oppfinner:**  
HERBORT, Adrian Frank, Weißer Weg 3237339 Leinefelde-Worbis OT Kirchohmfeld, DE-Tyskland  
SCHUHEN, Katrin, Neufeldstr. 17a-19a76187 Karlsruhe, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
USE OF ALKYL-TRICHLOROSILANES FOR THE REMOVAL OF MICROPLASTIC PARTICLES FROM WATER AND/OR A BODY OF WATER

- (51) **Klasse :** *C02F 3/00 (2023.01)*  
*E03F 7/00 (2006.01)*
- (87) **EP Publ.nr:** EP3504163  
(86) **EP søkn.nr:** 17757763.2  
(86) **EP innl.dag:** 2017.08.25  
(87) **EP publ.dag:** 2019.07.03  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.08.26, EP, 16185878  
(86) **Int.inndag :** 2017.08.25  
(86) **Int.søknadsnr :** PCT/EP2017/071445  
(73) **Innehaver:**  
Krüger A/S, Gladsaxevej 3632860 Søborg, DK-Danmark
- (72) **Oppfinner:**  
MUNK-NIELSEN, Thomas, 4300 Holbaek, DK-Danmark  
GRUM, Morten, Fjenneslevvej 23, st2700 Brønshøj, DK-Danmark  
TYCHSEN, Peter, Folevadsvej 182400 Copenhagen NV, DK-Danmark  
THOMSEN, Henrik, Andreas, Rønnow, Jagtvej 183, 2 tv.2100 Copenhagen Ø, DK-Danmark  
MADSEN, Henrik, C/O Anker Engelundsvej 101 A2800 Kgs. Lyngby, DK-Danmark  
JØRGENSEN, John, Bagterp, C/O Anker Engelundsvej 101 A2800 Kgs. Lyngby, DK-Danmark  
HALVGAARD, Rasmus, Fogtmann, 2800 Kongens Lyngby, DK-Danmark
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
TREATMENT OF WASTEWATER

(51) **Klasse :** C02F 3/08 (2023.01)  
C02F 3/00 (2023.01)  
C02F 3/20 (2023.01)

(87) **EP Publ.nr:** EP3003994  
(86) **EP søkn.nr:** 14731150.0  
(86) **EP innl.dag:** 2014.06.04  
(87) **EP publ.dag:** 2016.04.13  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2013.06.04, EP, 13170459  
(86) **Int.inndag :** 2014.06.04  
(86) **Int.søknadsnr :** PCT/DK2014/050162  
(73) **Innehaver:**  
Nordic Aquafarms Europe AS, Øraveien 21630 Gamle  
FredrikstadNorge

(72) **Oppfinner:**  
OLESEN, Jens Ole, Smuglerstien 9 DDK-8400 Ebeltoft,  
DK-Danmark

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
A CONTAINER, SERIES OF CONTAINERS AND  
METHOD FOR TREATING LIQUIDS

(51) **Klasse :** C02F 3/20 (2023.01)

(87) **EP Publ.nr:** EP3625178  
(86) **EP søkn.nr:** 17725486.9  
(86) **EP innl.dag:** 2017.05.15  
(87) **EP publ.dag:** 2020.03.25  
(80) **EP meddelt :** 2023.07.12  
(86) **Int.inndag :** 2017.05.15  
(86) **Int.søknadsnr :** PCT/US2017/032681  
(73) **Innehaver:**  
BL Technologies, Inc., 5951 Clearwater DriveMinnetonka  
MN 55343, US-USA

(72) **Oppfinner:**  
DAGNEW, Martha, 3239 Dundas Street WestOakville,  
Ontario L6M 4B2, CA-Canada  
WALDNER, Kyle Robert, 867 Lakeshore RoadBurlington,  
Ontario L7T 3M3, CA-Canada

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
PROCESS FOR MANAGING WORMS IN MEMBRANE  
AERATED BIOFILM

(51) **Klasse :** C07C 1/04 (2006.01)  
C07C 2/84 (2006.01)  
C07C 5/48 (2006.01)

(87) **EP Publ.nr:** EP3847143  
(86) **EP søkn.nr:** 19759302.3  
(86) **EP innl.dag:** 2019.08.09  
(87) **EP publ.dag:** 2021.07.14  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.09.04, IT, 201800008335  
(86) **Int.inndag :** 2019.08.09  
(86) **Int.søknadsnr :** PCT/EP2019/071415  
(73) **Innehaver:**  
NEXTCHEM TECH S.p.A., Via di Vannina 88/9400156  
Rome, IT-Italia

(72) **Oppfinner:**  
MICHELETTI, Francesco, Via Alfieri, 3/136071 Arzignano  
(VI), IT-Italia  
COPPINI, Valerio, Via Enrico Cialdini, 7520821 Meda (MB),  
IT-Italia

(74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge

(54) **Benevnelse:**  
PROCESS FOR THE CONVERSION OF PLASTICS INTO  
OLEFINS

(51) **Klasse :** C07C 17/08 (2006.01)  
C07C 17/25 (2006.01)  
C07C 21/06 (2006.01)

(87) **EP Publ.nr:** EP3303271  
(86) **EP søkn.nr:** 16726393.8  
(86) **EP innl.dag:** 2016.05.26  
(87) **EP publ.dag:** 2018.04.11  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2015.05.27, GB, 201509019  
(86) **Int.inndag :** 2016.05.26  
(86) **Int.søknadsnr :** PCT/GB2016/051533  
(73) **Innehaver:**  
Johnson Matthey Public Limited Company, 5th Floor 25,  
Farringdon StreetLondon EC4A 4AB, GB-Storbritannia

(72) **Oppfinner:**  
CARTHEY, Nicholas Andrew, Johnson Matthey  
Technology Centre Blount's Court Sonning  
CommonReading Berkshire RG4 9NH, GB-Storbritannia  
HILES, Andrew George, Monaitrie, Chilton  
RoadAmersham, Buckinghamshire, HP6 5PH, GB-  
Storbritannia  
SMIT, Joost Johannes, 10 Eastbourne TerraceLondon  
Greater London W2 6LG, GB-Storbritannia

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike

(54) **Benevnelse:**  
PROCESS FOR THE PREPARATION OF VINYL  
CHLORIDE



- (51) **Klasse :** *C07C 29/48 (2006.01)*  
*B01J 29/04 (2006.01)*  
*B01J 29/06 (2006.01)*  
*B01J 29/08 (2006.01)*  
*B01J 29/66 (2006.01)*  
*B01J 29/68 (2006.01)*  
*B01J 29/69 (2006.01)*  
*B01J 29/70 (2006.01)*  
*B01J 29/72 (2006.01)*  
*B01J 29/74 (2006.01)*  
*B01J 29/76 (2006.01)*  
*B01J 29/78 (2006.01)*  
*B01J 29/88 (2006.01)*  
*B01J 35/00 (2006.01)*  
*C07C 29/50 (2006.01)*  
*C07C 31/04 (2006.01)*
- (87) **EP Publ.nr:** EP3947332  
(86) **EP søkn.nr:** 20727137.0  
(86) **EP innl.dag:** 2020.04.02  
(87) **EP publ.dag:** 2022.02.09  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.04.03, CZ, 20190210  
(86) **Int.inndag :** 2020.04.02  
(86) **Int.søknadsnr :** PCT/CZ2020/050018  
(73) **Innehaver:**  
Ustav Fyzikalni Chemie J. Heyrovskeho AV CR, v.v.i,  
Dolejskova 2155/3182 23 Praha 8, CZ-Den tsjekkiske republikk
- (72) **Oppfinner:**  
DEDECEK, Jiri, Libisska 1742182 00 Praha 8, CZ-Den tsjekkiske republikk  
TABOR, Edyta, Za lidovym domem 86190 00 Praha 9, CZ-Den tsjekkiske republikk  
SOBALIK, Zdenek, Na Rozdilu 516/2a160 00 Praha 6, CZ-Den tsjekkiske republikk  
SKLENAK, Stepan, Nad Okrouhlikem 2372/1218200 Praha 8, CZ-Den tsjekkiske republikk  
MLEKODAJ, Kinga, Bystra 7a34-700 Rabka-Zdroj, PL-Polen
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
USE OF A CATALYST FOR PRODUCTION OF METHANOL FROM METHANE, A METHOD OF PRODUCTION OF METHANOL FROM METHANE
- 
- (51) **Klasse :** *C07C 241/00 (2006.01)*  
*C07C 243/02 (2006.01)*
- (87) **EP Publ.nr:** EP3765440  
(86) **EP søkn.nr:** 19709964.1  
(86) **EP innl.dag:** 2019.03.14  
(87) **EP publ.dag:** 2021.01.20  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2018.03.15, EP, 18162059  
(86) **Int.inndag :** 2019.03.14  
(86) **Int.søknadsnr :** PCT/EP2019/056379  
(73) **Innehaver:**  
Nitrochemie Aschau GmbH, Liebigstrasse 1784544 Aschau am Inn, DE-Tyskland
- (72) **Oppfinner:**  
NIEDER, Anian, Philippstrasse 284453 Muehldorf am Inn, DE-Tyskland  
WUENSCH, Tobias, Hans-Gollwitzerstrasse 1984453 Muehldorf am Inn, DE-Tyskland  
FRIEDRICH, Anne Theresa, Bodenseestrasse 2381241 Munich, DE-Tyskland  
KAINZ, Johannes, Muenchener Strasse 3384453 Muehldorf am Inn, DE-Tyskland  
HUBER, Alexander, Pfaelzerstrasse 75 b83109 Grosskarolinenfeld, DE-Tyskland
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
PROCESS FOR THE PREPARATION OF N-ALKYL-NITRATOETHYLNITRAMINES
- 
- (51) **Klasse :** *C07D 231/38 (2006.01)*  
*A61K 31/44 (2006.01)*  
*A61K 31/505 (2006.01)*  
*A61K 31/506 (2006.01)*  
*A61P 7/06 (2006.01)*  
*A61P 35/02 (2006.01)*  
*C07D 239/48 (2006.01)*  
*C07D 401/12 (2006.01)*
- (87) **EP Publ.nr:** EP3442947  
(86) **EP søkn.nr:** 17720921.0  
(86) **EP innl.dag:** 2017.04.17  
(87) **EP publ.dag:** 2019.02.20  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.04.15, US, 201662323602 P  
2016.06.10, US, 201662348837 P  
2016.09.30, US, 201662402997 P
- (86) **Int.inndag :** 2017.04.17  
(86) **Int.søknadsnr :** PCT/US2017/027918  
(73) **Innehaver:**  
Epizyme, Inc., 400 Technology Square, 4th FloorCambridge, MA 02139, US-USA
- (72) **Oppfinner:**  
CAMPBELL, John Emmerson, 581 Mt. Auburn Street Unit 1Cambridge Massachusetts 02138, US-USA  
DUNCAN, Kenneth William, 132 Roosevelt AvenueNorwood Massachusetts 02062, US-USA  
FOLEY, Megan Alene, 34 Alpine StreetSomerville Massachusetts 02144, US-USA  
HARVEY, Darren Martin, 3 Barker RoadActon Massachusetts 01720, US-USA  
KUNTZ, Kevin Wayne, 8 New Village RoadWoburn Massachusetts 01801, US-USA  
MILLS, James Edward John, Holly End The StreetWorth Deal Kent CT14 0DF, GB-Storbritannia  
MUNCHHOF, Michael John, 355 Frost LaneCorvallis MT 59828, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
AMINE-SUBSTITUTED ARYL OR HETEROARYL COMPOUNDS AS EHMT1 AND EHMT2 INHIBITORS

- (51) **Klasse :** **C07D 233/64 (2006.01)**  
**A61P 31/00 (2006.01)**  
**C08G 12/06 (2006.01)**  
**C08G 73/06 (2006.01)**
- (87) **EP Publ.nr:** EP3490976  
(86) **EP søkn.nr:** 17835398.3  
(86) **EP innl.dag:** 2017.07.29  
(87) **EP publ.dag:** 2019.06.05  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.07.29, US, 201662368667 P  
(86) **Int.inndag :** 2017.07.29  
(86) **Int.søknadsnr :** PCT/US2017/044554  
(73) **Innehaver:**  
Simon Fraser University, Innovation Office Discovery 2  
8888 University Drive Burnaby, British Columbia V5A 1S6,  
CA-Canada
- (72) **Oppfinner:**  
WRIGHT, Andrew, 1950 Elkhorn Ct. Apt. 422 San Mateo,  
CA 94403, US-USA  
BRITTON, Benjamin, 118 2780 Acadia Rd. Vancouver  
British Columbia V6T 2L3, CA-Canada  
HOLDCROFT, Steven, 18865-120th Avenue Pitt Meadows  
British Columbia V3Y 1W5, CA-Canada  
FAN, Jiantao, 3747 Frances Street Burnaby British  
Columbia V5C 2N9, CA-Canada  
WEISSBACH, Thomas, 4227 Eton Street Burnaby British  
Columbia V5C 1K2, CA-Canada  
PECKHAM, Timothy James, 1166 West 11th Avenue Apt.  
602 Vancouver British Columbia V6H 1K3, CA-Canada  
WARD, Jonathan William, 7175 Pandora Street Burnaby  
British Columbia V5A 1B6, CA-Canada
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
STABLE POLY(IMIDAZOLIUM) HYDROXIDES

- (51) **Klasse :** **C07D 401/14 (2006.01)**  
**A61K 31/537 (2006.01)**  
**A61P 31/18 (2006.01)**
- (87) **EP Publ.nr:** EP3597646  
(86) **EP søkn.nr:** 19178148.3  
(86) **EP innl.dag:** 2017.08.17  
(87) **EP publ.dag:** 2020.01.22  
(80) **EP meddelt :** 2023.06.21  
(30) **Prioritet:** 2016.08.19, US, 201662377312 P  
2017.02.10, US, 201762457555 P
- (73) **Innehaver:**  
Gilead Sciences, Inc., 333 Lakeside Drive Foster City, CA  
94404, US-USA
- (72) **Oppfinner:**  
GRAUPE, Michael, c/o Gilead Sciences Inc. 333 Lakeside  
Drive Foster City, CA 94404, US-USA  
HENRY, Steven J., c/o Gilead Sciences Inc. 333 Lakeside  
Drive Foster City, CA 94404, US-USA  
LINK, John O., c/o Gilead Sciences Inc. 333 Lakeside  
Drive Foster City, CA 94404, US-USA  
ROWE, Charles William, c/o Gilead Sciences Inc. 333  
Lakeside Drive Foster City, CA 94404, US-USA  
SAITO, Roland D., c/o Gilead Sciences Inc. 333 Lakeside  
Drive Foster City, CA 94404, US-USA  
SCHROEDER, Scott D., c/o Gilead Sciences Inc. 333  
Lakeside Drive Foster City, CA 94404, US-USA  
STEFANIDIS, Dimitrios, c/o Gilead Sciences Inc. 333  
Lakeside Drive Foster City, CA 94404, US-USA  
TSE, Winston C., c/o Gilead Sciences Inc. 333 Lakeside  
Drive Foster City, CA 94404, US-USA  
ZHANG, Jennifer R., c/o Gilead Sciences Inc. 333 Lakeside  
Drive Foster City, CA 94404, US-USA
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
THERAPEUTIC COMPOUNDS USEFUL FOR THE  
PROPHYLACTIC OR THERAPEUTIC TREATMENT OF  
AN HIV VIRUS INFECTION

- (51) **Klasse :** **C07D 401/14 (2006.01)**  
**A61K 31/513 (2006.01)**  
**A61P 3/10 (2006.01)**  
**A61P 11/06 (2006.01)**  
**A61P 17/06 (2006.01)**  
**A61P 29/00 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 35/02 (2006.01)**  
**A61P 37/00 (2006.01)**  
**A61P 37/06 (2006.01)**  
**C07D 401/12 (2006.01)**
- (87) **EP Publ.nr:** EP3781554  
(86) **EP søkn.nr:** 19720082.7  
(86) **EP innl.dag:** 2019.04.17  
(87) **EP publ.dag:** 2021.02.24  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.04.18, GB, 201806349  
(86) **Int.inndag :** 2019.04.17  
(86) **Int.søknadsnr :** PCT/EP2019/059919  
(73) **Innehaver:**  
Thomas Helledays stiftelse för medicinsk forskning, c/o  
Oxcia AB Norrbackagatan 70 C113 34 Stockholm, SE-  
Sverige
- (72) **Oppfinner:**  
BENGTSSON, Christoffer, Bäckbornas väg 21168 60  
BROMMA, SE-Sverige  
BORHADE, Sanjay, Skarpskyttevägen 2F226 42 LUND,  
SE-Sverige  
HARALDSSON, Martin, Runmästarvägen 8187 72 TÄBY,  
SE-Sverige  
HELLEDAY, Thomas, Vårvägen 15182 74 STOCKSUND,  
SE-Sverige  
HENRIKSSON, Martin, Bergslagsvägen 238168 55  
BROMMA, SE-Sverige  
HOMAN, Evert, Kantorsgränd 11192 72 SOLLENTUNA,  
SE-Sverige  
PAULIN, Cynthia, Stjärnsundsgatan 11124 72  
BANDHAGEN, SE-Sverige  
SANDBERG, Lars, Vivstavavsvägen 243122 64  
ENSKEDE, SE-Sverige  
SCOBIE, Martin, Betgatan 16754 49 UPPSALA, SE-  
Sverige  
STENMARK, Pål, Sergeantgränd 16177 43 JÄRFÄLLA,  
SE-Sverige  
VALLIN, Karl, Ormbergsvägen 11117 67 STOCKHOLM,  
SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
2,6-DIAMINO-3,4-DIHYDROPYRIMIDIN-4-ONE  
DERIVATIVES AND USE THEREOF IN THERAPY

- (51) **Klasse :** C07D 403/14 (2006.01)  
A61K 31/506 (2006.01)  
A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3353168  
(86) **EP søkn.nr:** 16770031.9  
(86) **EP innl.dag:** 2016.09.22  
(87) **EP publ.dag:** 2018.08.01  
(80) **EP meddelt :** 2023.08.30  
(30) **Prioritet:** 2015.09.25, US, 201562232629 P  
(86) **Int.inndag :** 2016.09.22  
(86) **Int.søknadsnr :** PCT/EP2016/072616  
(73) **Innehaver:**  
Dizal (Jiangsu) Pharmaceutical Co., Limited, No. 199  
Liangjiang Road Zhangjiang Hi-Tech Park Shanghai 201203,  
CN-Kina
- (72) **Oppfinner:**  
ÅSTRAND, Annika, Birgitta, Margareta, AstraZeneca  
Sweden SE-431 83 Mölndal, SE-Sverige  
GRIMSTER, Neil, Patrick, AstraZeneca 35 Gatehouse  
Drive Waltham, MA 02451, US-USA  
KAWATKAR, Sameer, AstraZeneca 35 Gatehouse  
Drive Waltham, MA 02451, US-USA  
KETTLE, Jason, Grant, AstraZeneca Alderley  
Park Macclesfield Cheshire SK10 4TG, GB-Storbritannia  
NILSSON, Magnus, K., AstraZeneca SE-431 83 Mölndal,  
SE-Sverige  
RUSTON, Linette, Lys, AstraZeneca Charter  
Way Macclesfield Cheshire SK10 2NA, GB-Storbritannia  
SU, Qibin, AstraZeneca 35 Gatehouse Drive Waltham, MA  
02451, US-USA  
VASBINDER, Melissa, Marie, c/o AstraZeneca Intellectual  
Property AstraZeneca 35 Gatehouse Drive Waltham MA  
02451, US-USA  
WINTER-HOLT, Jon, James, AstraZeneca Darwin Building  
Cambridge Science Park Milton Road Cambridge CB4  
0WG, GB-Storbritannia  
WU, Dedong, AstraZeneca 35 Gatehouse Drive Waltham,  
MA 02451, US-USA  
YANG, Wenzhan, AstraZeneca 35 Gatehouse  
Drive Waltham MA 02451, US-USA  
GRECU, Tudor, AstraZeneca Charter Way Macclesfield  
Cheshire SK10 2NA, GB-Storbritannia  
MCCABE, James, AstraZeneca Charter Way Macclesfield  
Cheshire SK10 2NA, GB-Storbritannia  
WOESSNER, Richard, Donald, AstraZeneca 35 Gatehouse  
Drive Waltham, MA 02451, US-USA  
CHUAQUI, Claudio, Edmundo, c/o AstraZeneca Intellectual  
Property AstraZeneca 35 Gatehouse Drive Waltham, MA  
02451, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMPOUNDS AND METHODS FOR INHIBITING JAK

- (51) **Klasse :** C07D 471/04 (2006.01)  
A61K 31/437 (2006.01)  
A61P 37/00 (2006.01)  
C07D 519/00 (2006.01)
- (87) **EP Publ.nr:** EP3728252  
(86) **EP søkn.nr:** 18830648.4  
(86) **EP innl.dag:** 2018.12.17  
(87) **EP publ.dag:** 2020.10.28  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2017.12.18, US, 201762599875 P  
(86) **Int.inndag :** 2018.12.17  
(86) **Int.søknadsnr :** PCT/US2018/065908  
(73) **Innehaver:**  
Bristol-Myers Squibb Company, Route 206 and Province  
Line Road Princeton, NJ 08543, US-USA
- (72) **Oppfinner:**  
DYCKMAN, Alaric J., c/o Bristol-Myers Squibb Company  
Route 206 and Province Line Road Princeton, New Jersey  
08543, US-USA  
DODD, Dharmpal S., c/o Bristol-Myers Squibb Company  
Route 206 and Province Line Road Princeton, New Jersey  
08543, US-USA  
MUSSARI, Christopher P., c/o Bristol-Myers Squibb  
Company Route 206 and Province Line Road Princeton,  
New Jersey 08543, US-USA  
SHERWOOD, Trevor C., c/o Bristol-Myers Squibb  
Company Route 206 and Province Line Road Princeton,  
New Jersey 08543, US-USA  
WHITELEY, Brian K., 1404 US HWY 22 West Lebanon, NJ  
08833, US-USA  
GILMORE, John L., c/o Bristol-Myers Squibb Company  
Route 206 and Province Line Road Princeton, New Jersey  
08543, US-USA  
KUMAR, Sreekantha Ratna, c/o Syngene International  
Limited Biocon Special Economic Zone Biocon Park, Plot  
No. 2&3 Bommasandra Industrial Area IV Phase Jigani  
Link Road, Bommasandra Bangalore 560 099, Karnataka,  
IN-India  
PASUNOORI, Laxman, c/o Syngene International Limited  
Biocon Special Economic Zone Biocon Park, Plot No. 2&3  
Bommasandra Industrial Area IV Phase Jigani Link Road,  
Bommasandra Bangalore 560 099, Karnataka, IN-India  
SRINIVAS, Pitani Veera Venkata, c/o Syngene  
International Limited Biocon Special Economic Zone  
Biocon Park, Plot No. 2&3 Bommasandra Industrial Area IV  
Phase Jigani Link Road, Bommasandra Bangalore 560 099,  
Karnataka, IN-India  
DURAISAMY, Srinivasan Kunchithapatham, c/o Syngene  
International Limited Biocon Special Economic Zone  
Biocon Park, Plot No. 2&3 Bommasandra Industrial Area IV  
Phase Jigani Link Road, Bommasandra Bangalore 560 099,  
Karnataka, IN-India  
HEGDE, Subramanya, c/o Syngene International Limited  
Biocon Special Economic Zone Biocon Park, Plot No. 2&3  
Bommasandra Industrial Area IV Phase Jigani Link Road,  
Bommasandra Bangalore 560 099, Karnataka, IN-India  
ANUMULA, Rushith Kumar, c/o Syngene International  
Limited Biocon Special Economic Zone Biocon Park, Plot  
No. 2&3 Bommasandra Industrial Area IV Phase Jigani  
Link Road, Bommasandra Bangalore 560 099, Karnataka,  
IN-India
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
4-AZAINDOLE COMPOUNDS

- (51) **Klasse :** **C07D 471/04 (2006.01)**  
**A61K 31/496 (2006.01)**  
**A61P 35/00 (2006.01)**
- (87) **EP Publ.nr:** EP3814348  
(86) **EP søkn.nr:** 19744923.4  
(86) **EP innl.dag:** 2019.06.26  
(87) **EP publ.dag:** 2021.05.05  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2018.06.27, US, 201862690439 P  
2019.04.30, US, 201962840459 P
- (86) **Int.inndag :** 2019.06.26  
(86) **Int.søknadsnr :** PCT/US2019/039135  
(73) **Innehaver:**  
Bristol-Myers Squibb Company, Route 206 and Province Line Road Princeton, NJ 08543, US-USA
- (72) **Oppfinner:**  
VELAPARTHI, Upender, c/o Bristol-Myers Squibb Company Route 206 and Province Line Road Princeton, New Jersey 08543, US-USA  
CHUPAK, Louis S., c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
DARNE, Chetan Padmakar, c/o Bristol-Myers Squibb Company Route 206 and Province Line Road Princeton, New Jersey 08543, US-USA  
DING, Min, c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
GENTLES, Robert G., c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
HUANG, Yazhong, c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
KAMBLE, Manjunatha Narayana Rao, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
MARTIN, Scott W., 121 Hickory Circle Middletown, Connecticut 06457, US-USA  
MANNOORI, Raju, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
MCDONALD, Ivar M., c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
OLSON, Richard E., c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
RAHAMAN, Hasibur, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
JALAGAM, Prasada Rao, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
ROY, Saumya, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
TONUKUNURU, Gopikishan, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
VELAIAH, Sivasudar, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
WARRIER, Jayakumar Sankara, c/o Syngene International Limited Biocon Special Economic Zone Biocon Park, Plot No.2 & 3 Bommasandra Industrial Area IV Phase Jigani Link Road, Bommasandra Bangalore 560 099 Karnataka, IN-India  
ZHENG, Xiaofan, c/o Bristol-Myers Squibb Company 100 Binney Street Cambridge, Massachusetts 02142, US-USA  
TOKARSKI, John S., c/o Bristol-Myers Squibb Company Route 206 and Province Line Road Princeton, New Jersey 08543, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
SUBSTITUTED NAPHTHYRIDINONE COMPOUNDS USEFUL AS T CELL ACTIVATORS
- 
- (51) **Klasse :** **C07D 471/04 (2006.01)**  
**A61K 31/4196 (2006.01)**  
**A61K 31/437 (2006.01)**  
**A61K 31/444 (2006.01)**  
**A61P 35/00 (2006.01)**
- (87) **EP Publ.nr:** EP3880676  
(86) **EP søkn.nr:** 19813943.8  
(86) **EP innl.dag:** 2019.11.12  
(87) **EP publ.dag:** 2021.09.22  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2018.11.15, US, 201862767602 P  
2019.10.03, US, 201962909970 P
- (86) **Int.inndag :** 2019.11.12  
(86) **Int.søknadsnr :** PCT/IB2019/059702  
(73) **Innehaver:**  
Pfizer Inc., 66 Hudson Boulevard East New York, NY 10001-2192, US-USA
- (72) **Oppfinner:**  
GALLEGO, Rebecca Anne, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
NAIR, Sajiv Krishnan, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
KANIA, Robert Steven, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
AHMAD, Omar Khaled, 160 Cambridgepark Drive, Apt. 371 Cambridge, Massachusetts 02140, US-USA  
JOHNSON, Ted William, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
TUTTLE, Jamison Bryce, c/o Pfizer Inc., 610 Main Street Cambridge, Massachusetts 02139, US-USA  
JALAI, Mehran, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
MCTIGUE, Michele Ann, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
ZHOU, Dahui, c/o Pfizer Inc., 445 Eastern Point Road, Bldg. 98 Groton, Connecticut 06340, US-USA  
DEL BEL, Matthew L., c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
ZHOU, Ru, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
HE, Mingying, c/o Pfizer Inc., 10777 Science Center Drive San Diego, California 92121, US-USA  
SCHMITT, Anne-Marie Dechert, c/o Pfizer Inc. 445 Eastern Point Road, Bldg. 98 Groton, CT 06340, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
2,3-DIHYDRO-1H-PYRROLO[3,4-C]PYRIDIN-1-ONE DERIVATIVES AS HPK1 INHIBITORS FOR THE TREATMENT OF CANCER



- (51) **Klasse :** C07D 471/04 (2006.01)  
A61K 31/555 (2006.01)  
A61K 51/04 (2006.01)  
A61P 9/00 (2006.01)  
A61P 35/00 (2006.01)  
C07D 213/73 (2006.01)  
C07D 213/75 (2006.01)  
C07D 401/12 (2006.01)  
C07D 401/14 (2006.01)  
C07D 519/00 (2006.01)  
C07K 5/062 (2006.01)
- (87) **EP Publ.nr:** EP3929196  
(86) **EP søkn.nr:** 21187649.5  
(86) **EP innl.dag:** 2014.09.24  
(87) **EP publ.dag:** 2021.12.29  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2013.09.24, JP, 2013196712  
(73) **Innehaver:**  
FUJIFILM Corporation, 26-30, Nishiazabu 2-chome Minato-kuTokyo 106-8620, JP-Japan  
PDRadiopharma Inc., 14-1, Kyobashi 2-chome, Chuo-kuTokyo 104-0031, JP-Japan
- (72) **Oppfinner:**  
Fukunaga, Hirofumi, Kanagawa, 258-8577, JP-Japan  
Dozono, Hiroyuki, Chiba, 289-1592, JP-Japan  
Hino, Akihiro, Chiba, 289-1592, JP-Japan  
Oshikiri, Shinobu, Chiba, 289-1592, JP-Japan  
Nagano, Akio, Chiba, 289-1592, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PHARMACEUTICAL COMPOSITION OF A NITROGEN-CONTAINING COMPOUND OR SALT THEREOF, OR METAL COMPLEX THEREOF

- (51) **Klasse :** C07K 7/06 (2006.01)
- (87) **EP Publ.nr:** EP3841107  
(86) **EP søkn.nr:** 19753112.2  
(86) **EP innl.dag:** 2019.08.19  
(87) **EP publ.dag:** 2021.06.30  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.08.20, EP, 18189699  
(86) **Int.inndag :** 2019.08.19  
(86) **Int.søknadsnr :** PCT/EP2019/072122  
(73) **Innehaver:**  
Wntresearch AB, ER Redovisning Järnåkravägen 3222 25 Malmö, SE-Sverige
- (72) **Oppfinner:**  
HENRIKSEN, Dennis, c/o Wntresearch AB Medeon Science Park20512 Malmö, SE-Sverige
- (74) **Fullmektig:**  
AWA NORWAY AS, Drammensveien 151, 0277 OSLO, Norge
- (54) **Benevnelse:**  
SOLUTION PHASE ROUTES FOR WNT HEXAPEPTIDES

- (51) **Klasse :** C07K 14/705 (2006.01)  
C07K 14/725 (2006.01)  
C07K 19/00 (2006.01)  
A61K 39/00 (2006.01)  
C07K 16/28 (2006.01)  
C07K 16/30 (2006.01)  
C12N 5/0783 (2010.01)
- (87) **EP Publ.nr:** EP3298033  
(86) **EP søkn.nr:** 16797244.7  
(86) **EP innl.dag:** 2016.05.18  
(87) **EP publ.dag:** 2018.03.28  
(80) **EP meddelt :** 2020.08.05  
(30) **Prioritet:** 2015.05.18, US, 201562163342 P  
(86) **Int.inndag :** 2016.05.18  
(86) **Int.søknadsnr :** PCT/US2016/033146  
(73) **Innehaver:**  
TCR2 Therapeutics Inc., 100 Binney Street, 7th FloorCambridge, Massachusetts 02142, US-USA
- (72) **Oppfinner:**  
BAEUERLE, Patrick, 100 Binney Street, 7th FloorCambridge, Massachusetts 02142, US-USA  
SIECZKIEWICZ, Gregory, 100 Binney Street, 7th FloorCambridge, Massachusetts 02142, US-USA  
HOFMEISTER, Robert, 4 Jasons LaneScituate, Massachusetts 02066, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS AND MEDICAL USES FOR TCR REPROGRAMMING USING FUSION PROTEINS

- (51) **Klasse :** C07K 14/755 (2006.01)
- (87) **EP Publ.nr:** EP3889173  
(86) **EP søkn.nr:** 20204866.6  
(86) **EP innl.dag:** 2014.02.14  
(87) **EP publ.dag:** 2021.10.06  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2013.02.15, US, 201361765626 P  
(73) **Innehaver:**  
Bioerativ Therapeutics Inc., 225 Second AvenueWaltham MA 02451, US-USA
- (72) **Oppfinner:**  
TAN, Siyuan, 53 Buckman DriveLexington, MA 02421, US-USA  
PETERS, Robert, T., 53 Parkinson StreetNeedham, MA 02492, US-USA
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
OPTIMIZED FACTOR VIII GENE



- (51) **Klasse :** C07K 16/28 (2006.01)  
A61K 31/475 (2006.01)  
A61K 39/00 (2006.01)  
A61P 35/02 (2006.01)  
A61P 43/00 (2006.01)
- (87) **EP Publ.nr:** EP3110440  
(86) **EP søkn.nr:** 15755939.4  
(86) **EP innl.dag:** 2015.02.25  
(87) **EP publ.dag:** 2017.01.04  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2014.02.28, US, 201461946008 P  
2014.05.29, US, 201462004540 P
- (86) **Int.inndag :** 2015.02.25  
(86) **Int.søknadsnr :** PCT/US2015/017425  
(73) **Innehaver:**  
Janssen Biotech, Inc., 800/850 Ridgeview DriveHorsham,  
PA 19044, US-USA
- (72) **Oppfinner:**  
DOSHI, Parul, 1400 McKean RoadSpring House,  
Pennsylvania 19477, US-USA
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
ANTI-CD38 ANTIBODIES FOR TREATMENT OF ACUTE  
LYMPHOBLASTIC LEUKEMIA

- (51) **Klasse :** C07K 16/28 (2006.01)  
A61K 39/00 (2006.01)  
A61K 39/395 (2006.01)  
C07K 16/32 (2006.01)  
C07K 16/46 (2006.01)  
C12N 5/16 (2006.01)  
C12P 21/04 (2006.01)  
C12P 21/08 (2006.01)
- (87) **EP Publ.nr:** EP3582806  
(86) **EP søkn.nr:** 18754782.3  
(86) **EP innl.dag:** 2018.02.20  
(87) **EP publ.dag:** 2019.12.25  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2017.02.20, US, 201762461146 P
- (86) **Int.inndag :** 2018.02.20  
(86) **Int.søknadsnr :** PCT/US2018/018771  
(73) **Innehaver:**  
Dragonfly Therapeutics, Inc., 35 Gatehouse DriveWaltham,  
MA 02451, US-USA
- (72) **Oppfinner:**  
CHANG, Gregory, P., 143 Saunders StreetMedford, MA  
02155, US-USA  
CHEUNG, Ann, F., 25 Morningside LaneLincoln, MA  
01773, US-USA  
HANEY, William, 61 Lincoln RoadWayland, MA 01778, US-  
USA  
LUNDE, Bradley, M., 7 Lucent DriveLebanon, NH 03766,  
US-USA  
PRINZ, Bianca, 7 Lucent DriveLebanon, NH 03766, US-  
USA
- (74) **Fullmektig:**  
Kolster Oy Ab, PL 204, 00181 HELSINGFORS, Finland
- (54) **Benevnelse:**  
PROTEINS BINDING HER2, NKG2D AND CD16

- (51) **Klasse :** C07K 16/28 (2006.01)  
A61K 39/00 (2006.01)  
A61K 39/395 (2006.01)  
A61K 47/68 (2017.01)  
A61K 51/10 (2006.01)  
A61P 35/00 (2006.01)  
A61P 43/00 (2006.01)
- (87) **EP Publ.nr:** EP3736291  
(86) **EP søkn.nr:** 20169942.8  
(86) **EP innl.dag:** 2014.06.24  
(87) **EP publ.dag:** 2020.11.11  
(80) **EP meddelt :** 2023.08.16  
(30) **Prioritet:** 2013.06.24, US, 201361838534 P
- (73) **Innehaver:**  
Genentech, Inc., 1 DNA WaySouth San Francisco, CA  
94080, US-USA
- (72) **Oppfinner:**  
EBENS, Allen J., Jr., Genentech, Inc. 1 DNA WaySouth  
San Francisco, CA 94080, US-USA  
HAZEN, Meredith C., Genentech, Inc. 1 DNA WaySouth  
San Francisco, CA 94080, US-USA  
HONGO, Jo-Anne, Genentech, Inc. 1 DNA WaySouth San  
Francisco, CA 94080, US-USA  
JOHNSTON, Jennifer W., Genentech, Inc. 1 DNA  
WaySouth San Francisco, CA 94080, US-USA  
JUNTTILA, Teemu T., Genentech, Inc. 1 DNA WaySouth  
San Francisco, CA 94080, US-USA  
LI, Ji, Genentech, Inc. 1 DNA WaySouth San Francisco,  
CA 94080, US-USA  
POLSON, Andrew G., Genentech, Inc. 1 DNA WaySouth  
San Francisco, CA 94080, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ANTI-FCRH5 ANTIBODIES

- (51) **Klasse :** C08F 10/00 (2006.01)
- (87) **EP Publ.nr:** EP3098244  
(86) **EP søkn.nr:** 16178908.6  
(86) **EP innl.dag:** 2010.11.03  
(87) **EP publ.dag:** 2016.11.30  
(80) **EP meddelt :** 2019.01.02  
(30) **Prioritet:** 2009.11.11, EP, 09175688
- (73) **Innehaver:**  
Borealis AG, Trabrennstrasse 6-81020 Vienna, AT-  
Østerrike
- (72) **Oppfinner:**  
SMEDBERG, Annika, Slupgränd 5471 61 Myggenäs, SE-  
Sverige  
KÅLLSTRAND, Birgitta, Svanågatan 27727 22 Västerås,  
SE-Sverige  
NILSSON, Ulf, Bankhagen 141444 95 Ödsmål, SE-Sverige  
HAGSTRAND, Per-Ola, Trollsländevägen 7444 46  
Stenungsund, SE-Sverige  
ENGLUND, Villgot, Lagerströmsplatsen416 64 Göteborg,  
SE-Sverige  
DOMINGUEZ, Gustavo, Klockartorpsgatan 22 B723 44  
Västerås, SE-Sverige  
OLSSON, Carl-Olof, Karlsgatan 32 B722 14 Västerås, SE-  
Sverige  
RONGSHENG, Liu, Mastvägen 40723 48 Västerås, SE-  
Sverige  
JEROENSE, Marc, Persiljevägen 9371 52 Karlskrona, SE-  
Sverige  
FARKAS, Andreas Antal, Soldatvägen 644441  
Stenungsund, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CROSSLINKABLE POLYMER COMPOSITION AND  
CABLE WITH ADVANTAGEOUS ELECTRICAL  
PROPERTIES

- (51) **Klasse :** *C08G 18/42 (2006.01)*  
*C08G 18/08 (2006.01)*  
*C08G 18/62 (2006.01)*  
*C08G 18/79 (2006.01)*  
*C08G 71/04 (2006.01)*  
*C09D 175/04 (2006.01)*  
*C09D 175/06 (2006.01)*  
*C09D 179/08 (2006.01)*
- (87) **EP Publ.nr:** EP3575337  
(86) **EP søkn.nr:** 19177121.1  
(86) **EP innl.dag:** 2019.05.28  
(87) **EP publ.dag:** 2019.12.04  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2018.05.28, CN, 201810523040  
(73) **Innehaver:**  
Guangdong Huarun Paints Co., Ltd., Shunde High-Tech Industrial Development Zone Foshan City, Guangdong 528306, CN-Kina
- (72) **Oppfinner:**  
ZHOU, Aihua, No. 3 Chaogui Road, Ronggui High-Tech Industrial Development Zone, Shunde District Foshan City, Guangdong 528306, CN-Kina  
NIU, Song, No. 3 Chaogui Road, Ronggui High-Tech Industrial Development Zone, Shunde District Foshan City, Guangdong 528306, CN-Kina  
FAN, Shigang, No. 3 Chaogui Road, Ronggui High-Tech Industrial Development Zone, Shunde District Foshan City, Guangdong 528306, CN-Kina  
ZHAO, Xi, No. 3 Chaogui Road, Ronggui High-Tech Industrial Development Zone, Shunde District Foshan City, Guangdong 528306, CN-Kina
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
SOLVENT BORNE NON-ISOCYANATE CURABLE TWO-COMPONENTS COATING COMPOSITION

- (51) **Klasse :** *C08J 11/08 (2006.01)*
- (87) **EP Publ.nr:** EP3997162  
(86) **EP søkn.nr:** 19759432.8  
(86) **EP innl.dag:** 2019.07.10  
(87) **EP publ.dag:** 2022.05.18  
(80) **EP meddelt :** 2023.06.28  
(86) **Int.inndag :** 2019.07.10  
(86) **Int.søknadsnr :** PCT/IB2019/055874  
(73) **Innehaver:**  
Redantea S.r.l., Via Lorenzo Mascheroni 2920145 Milano, IT-Italia
- (72) **Oppfinner:**  
BROCCATELLI, Massimo, Via F. Petrarca, 606083 Bastia Umbra (PG), IT-Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS COMPRISING CYCLIC ALKYLENE CARBONATES AND POLYAMIDES, PROCESSES FOR THEIR PREPARATION AND THEIR USES

- (51) **Klasse :** *C08J 11/14 (2006.01)*  
*C08J 11/12 (2006.01)*  
*C10B 1/02 (2006.01)*  
*C10B 1/04 (2006.01)*
- (87) **EP Publ.nr:** EP3491052  
(86) **EP søkn.nr:** 17835113.6  
(86) **EP innl.dag:** 2017.07.25  
(87) **EP publ.dag:** 2019.06.05  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.07.26, US, 201662366827 P  
(86) **Int.inndag :** 2017.07.25  
(86) **Int.søknadsnr :** PCT/US2017/043704  
(73) **Innehaver:**  
PRTI Global Management LLC, 2105 US 1 Hwy. Franklinton, NC 27525, US-USA
- (72) **Oppfinner:**  
MACHON, Wayne, 8012 Sandybrook Lane Wake Forest, North Carolina 27587, US-USA  
WILLIAMS, Jason, 5016 Wynneford Way Raleigh, North Carolina 27614, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
APPARATUS AND METHOD FOR THERMALLY DE-MANUFACTURING TIRES AND OTHER WASTE PRODUCTS

- (51) **Klasse :** *C08K 3/00 (2018.01)*  
*C08K 3/01 (2018.01)*  
*C08L 9/06 (2006.01)*  
*C08L 21/00 (2006.01)*  
*C08L 23/16 (2006.01)*  
*C08L 23/28 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 43/10 (2006.01)*
- (87) **EP Publ.nr:** EP2764042  
(86) **EP søkn.nr:** 12780310.4  
(86) **EP innl.dag:** 2012.10.04  
(87) **EP publ.dag:** 2014.08.13  
(80) **EP meddelt :** 2023.08.16  
(30) **Prioritet:** 2011.10.04, NL, 2007533  
(86) **Int.inndag :** 2012.10.04  
(86) **Int.søknadsnr :** PCT/NL2012/050695  
(73) **Innehaver:**  
Ruma Products B.V., Lindberghstraat 497903 BM Hoogeveen, NL-Nederland
- (72) **Oppfinner:**  
SEYGER, Roger Martin, c/o Harres B.V. Lindberghstraat 497903 BM Hoogeveen, NL-Nederland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
SWELLABLE ELASTOMERIC POLYMER MATERIALS

- (51) **Klasse :** *C08L 95/00 (2006.01)*  
*C08L 97/00 (2006.01)*
- (87) **EP Publ.nr:** EP3710534
- (86) **EP søkn.nr:** 18803639.6
- (86) **EP innl.dag:** 2018.11.13
- (87) **EP publ.dag:** 2020.09.23
- (80) **EP meddelt :** 2023.06.07
- (30) **Prioritet:** 2017.11.13, EP, 17201291
- (86) **Int.inndag :** 2018.11.13
- (86) **Int.søknadsnr :** PCT/EP2018/081097
- (73) **Innehaver:**  
Stichting Wageningen Research, Droevendaalsesteeg  
46708 PB Wageningen, NL-Nederland  
Asfalt Kennis Centrum B.V., Olivier van Noortweg 105928  
LX Venlo, NL-Nederland
- (72) **Oppfinner:**  
LANDA, Paul Adrianus, Haamstraat 144851 TL Ulvenhout,  
NL-Nederland  
GOSSELINK, Richard Johannes Antonius, Verzet 357021  
ER Zelhem, NL-Nederland
- (74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
LIGNIN-BASED BIO-ASPHALT

- (51) **Klasse :** *C09D 5/00 (2006.01)*
- (87) **EP Publ.nr:** EP3170872
- (86) **EP søkn.nr:** 16002497.2
- (86) **EP innl.dag:** 2016.11.23
- (87) **EP publ.dag:** 2017.05.24
- (80) **EP meddelt :** 2023.06.07
- (30) **Prioritet:** 2015.11.23, GR, 20150100507
- (73) **Innehaver:**  
NCSR DEMOKRITOS, Terma Patriarchou Grigoriou, Aghia  
Paraskevi153 10 Athens, GR-Hellas  
Katsaros, Fotios, 15b Pellis street153 44 Gerakas Attikis,  
GR-Hellas  
Papageorgiou, Sergios, 6 Pipinou street112 57 Kipseli  
Athens, GR-Hellas  
Sideratou, Oreozili, 15b Pellis street153 44 Gerakas Attikis,  
GR-Hellas  
Sapalidis, Andreas, 47 Pelloponisou Street Aghia  
Paraskevi153 41 Athens, GR-Hellas
- (72) **Oppfinner:**  
Sideratou, Oreozili, 15b Pellis str.153 44 Gerakas Attikis,  
GR-Hellas  
Katsaros, Fotios, 15b Pellis str.153 44 Gerakas Attikis, GR-  
Hellas  
Papageorgiou, Sergios, 6 Pipinou str.112 57 Kipseli  
Athens, GR-Hellas  
Sapalidis, Andreas, 47 Pelloponisou str., Aghia  
Paraskevi153 41 Athens, GR-Hellas  
Baybogan Isilak, Zeynep Burcu, Cumhuriyet Mahallesi,  
Goksu Sokak, No:7, BuyukcekmeceIstanbul, TR-Tyrkia  
Akcali, Ali, Merdivenkoy Mah. Kume Sokak. Yildiz Apt No:  
1/6 KadikoyIstanbul, TR-Tyrkia
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
NOVEL NANOCOMPOSITES

- (51) **Klasse :** *C09D 7/65 (2018.01)*  
*B29C 37/00 (2006.01)*  
*B29C 70/00 (2006.01)*  
*B29C 70/30 (2006.01)*  
*B29C 70/58 (2006.01)*  
*C08J 3/205 (2006.01)*  
*C08J 3/26 (2006.01)*  
*C08K 3/36 (2006.01)*
- (87) **EP Publ.nr:** EP3265518
- (86) **EP søkn.nr:** 16756349.3
- (86) **EP innl.dag:** 2016.02.25
- (87) **EP publ.dag:** 2018.01.10
- (80) **EP meddelt :** 2023.06.14
- (30) **Prioritet:** 2015.02.26, US, 201514631984
- (86) **Int.inndag :** 2016.02.25
- (86) **Int.søknadsnr :** PCT/US2016/019526
- (73) **Innehaver:**  
Polynt Composites USA Inc., 100 East Cottage  
AvenueCarpentersville, IL 60110, US-USA
- (72) **Oppfinner:**  
KIRBY, Kurt, 6326 NE 44th TerraceKansas City, MO  
64117, US-USA  
DECKER, Owen, H., 5905 NW Hwy 92Smithville, MD  
64089, US-USA  
DUNCAN, Pamela, 1605 NE Rosewood DriveGladstone,  
MD 64118, US-USA  
LAVEN, Jeffrey, J., 1600 Logan CircleLiberty, MO 64068,  
US-USA
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
FILLERS

- (51) **Klasse :** *C09J 197/00 (2006.01)*  
*C08L 97/00 (2006.01)*  
*C08L 97/02 (2006.01)*
- (87) **EP Publ.nr:** EP3867325
- (86) **EP søkn.nr:** 19773132.6
- (86) **EP innl.dag:** 2019.09.26
- (87) **EP publ.dag:** 2021.08.25
- (80) **EP meddelt :** 2023.08.09
- (30) **Prioritet:** 2018.10.05, EP, 18198995
- (86) **Int.inndag :** 2019.09.26
- (86) **Int.søknadsnr :** PCT/EP2019/076123
- (73) **Innehaver:**  
ROCKWOOL A/S, Hovedgaden 5842640 Hedehusene,  
DK-Danmark
- (72) **Oppfinner:**  
JOHANNSEN, Ib, Sletterhage 23, 2th8240 Risskov, DK-  
Danmark  
KILSGAARD, Bjørn, Sjøgren, Fynsgade 11 kl tv8000  
Aarhus C, DK-Danmark  
NIKOLIC, Miroslav, Tøndergade 88, 2tv8000 Aarhus C,  
DK-Danmark
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
AN AQUEOUS ADHESIVE COMPOSITION FOR  
LIGNOCELLULOSIC MATERIALS SUCH AS WOOD AND  
A METHOD OF PRODUCTION

- (51) **Klasse :** **C09K 3/18 (2006.01)**  
**G01N 33/18 (2006.01)**
- (87) **EP Publ.nr:** EP2864436
- (86) **EP søkn.nr:** 13731476.1
- (86) **EP innl.dag:** 2013.06.24
- (87) **EP publ.dag:** 2015.04.29
- (80) **EP meddelt :** 2023.08.23
- (30) **Prioritet:** 2012.06.22, GB, 201211059
- (86) **Int.inndag :** 2013.06.24
- (86) **Int.søknadsnr :** PCT/GB2013/051646
- (73) **Innehaver:**  
Esseco Uk Limited, Calder Vale RoadWakefield WF1 5PH, GB-Storbritannia
- (72) **Oppfinner:**  
MCCONNELL, Alistair, Esseco UK Limited Calder Vale RoadWakefield Yorkshire WF1 5PH, GB-Storbritannia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
COMPOSITION AND METHOD FOR PREVENTING THE FORMATION OF OR MELTING FROZEN WATER

- (51) **Klasse :** **C09K 8/40 (2006.01)**  
**C08J 3/02 (2006.01)**  
**C09K 8/42 (2006.01)**
- (87) **EP Publ.nr:** EP3405546
- (86) **EP søkn.nr:** 17703264.6
- (86) **EP innl.dag:** 2017.01.13
- (87) **EP publ.dag:** 2018.11.28
- (80) **EP meddelt :** 2023.08.02
- (30) **Prioritet:** 2016.01.19, US, 201615000892
- (86) **Int.inndag :** 2017.01.13
- (86) **Int.søknadsnr :** PCT/US2017/013516
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine WestfieldHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
DOAN, Angela Anh, 1823 Roanwood DriveHouston Texas 77090, US-USA  
KELLUM, Matthew Grady, 7614 Langley RoadSpring Texas 77389, US-USA  
LI, Li, 5103 Ridge Beam LaneSpring Texas 77389, US-USA  
DIGHE, Shailesh S., 2831 Manor Ridge CourtKaty Texas 77494, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
METHOD OF USING A SPACER FLUID HAVING SIZED PARTICULATES

- (51) **Klasse :** **C10H 1/00 (2006.01)**
- (87) **EP Publ.nr:** EP4107235
- (86) **EP søkn.nr:** 21705517.7
- (86) **EP innl.dag:** 2021.02.16
- (87) **EP publ.dag:** 2022.12.28
- (80) **EP meddelt :** 2023.08.02
- (30) **Prioritet:** 2020.02.20, EP, 20158505
- (86) **Int.inndag :** 2021.02.16
- (86) **Int.søknadsnr :** PCT/EP2021/053703
- (73) **Innehaver:**  
Shell Internationale Research Maatschappij B.V., Carel van Bylandtlaan 302596 HR The Hague, NL-Nederland
- (72) **Oppfinner:**  
KUMAR, Dharmesh, Education City, Qatar Science and Technology Park Tech 1 Building, First Floor Al Luqta StreetDoha, QA-Qatar  
URADE, Vikrant Nanasahab, Plot No. 7, Bangalore Hardware Park Devanahalli Industrial Park Mahadeva KodigehalliBangalore North 562149, IN-India  
VAN BAVEL, Alexander Petrus, Grasweg 311031 HW Amsterdam, NL-Nederland  
VAN DER MADE, Alexander Willem, Grasweg 311031 HW Amsterdam, NL-Nederland
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
METHOD OF PREPARING ACETYLENE

- (51) **Klasse :** **C10L 1/14 (2006.01)**
- (87) **EP Publ.nr:** EP3529338
- (86) **EP søkn.nr:** 17794021.0
- (86) **EP innl.dag:** 2017.10.20
- (87) **EP publ.dag:** 2019.08.28
- (80) **EP meddelt :** 2023.07.19
- (30) **Prioritet:** 2016.10.21, FR, 1660208  
2016.10.21, RU, 2016141391
- (86) **Int.inndag :** 2017.10.20
- (86) **Int.søknadsnr :** PCT/FR2017/052882
- (73) **Innehaver:**  
TotalEnergies OneTech, La Défense 6 2 Place Jean Millier92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
DEQUENNE, Bernard, 13 Route de Champagne69130 Ecully, FR-Frankrike  
DUBOIS, Thomas, 6 rue Jacqueline Auriol69009 Lyon, FR-Frankrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge
- (54) **Benevnelse:**  
COMBINATION OF ADDITIVES FOR FUEL

- (51) **Klasse :** C10M 145/38 (2006.01)  
A61K 8/85 (2006.01)  
A61Q 17/00 (2006.01)  
A61Q 19/00 (2006.01)  
C10M 173/00 (2006.01)  
C10N 30/00 (2006.01)  
C10N 30/12 (2006.01)  
C10N 40/20 (2006.01)  
C10N 40/22 (2006.01)  
C10N 50/00 (2006.01)
- (87) **EP Publ.nr:** EP4063471  
(86) **EP søkn.nr:** 21164845.6  
(86) **EP innl.dag:** 2021.03.25  
(87) **EP publ.dag:** 2022.09.28  
(80) **EP meddelt :** 2023.08.23  
(73) **Innehaver:**  
Lehmann&Voss&Co. KG, Alsterufer 1920354 Hamburg, DE-Tyskland
- (72) **Oppfinner:**  
LANGE, Karsten, 42115 Wuppertal, DE-Tyskland  
KLING, Hans Willi, 42277 Wuppertal, DE-Tyskland  
DANKERT, Susanne, 21684 Stade, DE-Tyskland  
VUKADINOVIC-TENTER, Dalibor, 22393 Hamburg, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CITRIC ACID-MODIFIED POLYPROPYLENE GLYCOLS

- (51) **Klasse :** C10M 159/08 (2006.01)  
C10L 1/18 (2006.01)  
C10L 1/19 (2006.01)  
C10L 10/08 (2006.01)  
C10L 10/18 (2006.01)  
C10M 129/70 (2006.01)  
C10N 30/02 (2006.01)  
C10N 30/04 (2006.01)  
C10N 30/06 (2006.01)
- (87) **EP Publ.nr:** EP3746530  
(86) **EP søkn.nr:** 19714236.7  
(86) **EP innl.dag:** 2019.02.01  
(87) **EP publ.dag:** 2020.12.09  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.02.01, FR, 1850850  
(86) **Int.inndag :** 2019.02.01  
(86) **Int.søknadsnr :** PCT/IB2019/000153  
(73) **Innehaver:**  
Bioboön Limited, Unit 1002, Unicom Trade Center 127-131 Des Voeux Road Central, Hong-Kong, CN-Kina
- (72) **Oppfinner:**  
KHOO MENG CHUAN, Jeffrey, 1951, Kampung Jawi, Sungai Bakap, SPS14200 Pulau Penang, MY-Malaysia  
DUMORTIER, Laurent, Jalan Seri Tanjung Pinang 1 Straits quay Condos 3A-3-12 Penang 10470, MY-Malaysia
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
MIXTURES OF ALKYLESTERS FROM VEGETABLE OIL

- (51) **Klasse :** C12M 1/107 (2006.01)  
B01D 53/14 (2006.01)  
B01D 53/52 (2006.01)  
C10L 3/10 (2006.01)  
C12M 1/00 (2006.01)
- (87) **EP Publ.nr:** EP3985094  
(86) **EP søkn.nr:** 21192420.4  
(86) **EP innl.dag:** 2021.08.20  
(87) **EP publ.dag:** 2022.04.20  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2020.10.14, BE, 202005718  
(73) **Innehaver:**  
B.A.T. SERVICES bvba, Adelaarstraat 269051 Sint-Denijs-Westrem, BE-Belgia
- (72) **Oppfinner:**  
De Lathauwer, Bart, 9051 Sint-Denijs-Westrem, BE-Belgia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SYSTEM AND PROCESS FOR BIOGAS UPGRADING

- (51) **Klasse :** C12N 5/0793 (2010.01)  
A61K 35/545 (2015.01)  
A61P 27/02 (2006.01)
- (87) **EP Publ.nr:** EP3810758  
(86) **EP søkn.nr:** 19733709.0  
(86) **EP innl.dag:** 2019.06.19  
(87) **EP publ.dag:** 2021.04.28  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2018.06.20, US, 201862687416 P  
(86) **Int.inndag :** 2019.06.19  
(86) **Int.søknadsnr :** PCT/EP2019/066285  
(73) **Innehaver:**  
BioLamina AB, Löfströms Allé 5172 66 Sundbyberg, SE-Sverige
- (72) **Oppfinner:**  
LANNER, Fredrik, Kärrvägen 215533 Nykvarn, SE-Sverige  
PLAZA REYES, Alvaro, Las Tejas, 411510 Puerto Real (Cádiz), ES-Spania  
PETRUS REURER, Sandra, Fatburstrappan 12 Igh 14011826 Stockholm, SE-Sverige  
SÁNCHEZ, Sara, Padrell, Armégatan 32A17171 Solna, SE-Sverige
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
METHODS AND COMPOSITIONS FOR PRODUCING RETINAL PIGMENT EPITHELIUM CELLS



(51) **Klasse :** C12N 5/10 (2006.01)  
 (87) **EP Publ.nr.:** EP3132025  
 (86) **EP søkn.nr.:** 15780038.4  
 (86) **EP innl.dag:** 2015.04.13  
 (87) **EP publ.dag:** 2017.02.22  
 (80) **EP meddelt :** 2023.08.30  
 (30) **Prioritet:** 2014.04.14, US, 201461979178 P  
 2014.11.12, US, 201462078706 P  
 (86) **Int.inndag :** 2015.04.13  
 (86) **Int.søknadsnr :** PCT/US2015/025523  
 (73) **Innehaver:**  
 Maxcyte, Inc., 9713 Key West Ave. Suite 400Rockville, MD  
 20850, US-USA  
 (72) **Oppfinner:**  
 LI, Linhong, c/o Maxcyte Inc. 22 Firstfield Road Suite  
 250Gaithersburg, MD 20878, US-USA  
 PESHWA, Madhusudan, c/o Maxcyte Inc. 22 Firstfield  
 Road Suite 250Gaithersburg, MD 20878, US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 METHODS AND COMPOSITIONS FOR MODIFYING  
 GENOMIC DNA

(51) **Klasse :** C12N 15/10 (2006.01)  
 C12Q 1/6855 (2018.01)  
 (87) **EP Publ.nr.:** EP3947675  
 (86) **EP søkn.nr.:** 20838999.9  
 (86) **EP innl.dag:** 2020.12.21  
 (87) **EP publ.dag:** 2022.02.09  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2019.12.23, EP, 19219326  
 2020.02.21, EP, 20158810  
 (86) **Int.inndag :** 2020.12.21  
 (86) **Int.søknadsnr :** PCT/EP2020/087393  
 (73) **Innehaver:**  
 baseclick GmbH, Floriansbogen 2-482061 Neuried, DE-  
 Tyskland  
 (72) **Oppfinner:**  
 FRISCHMUTH, Thomas, 12247 Berlin, DE-Tyskland  
 SERDJUKOW, Sascha, Kiefersfelden 83088, DE-Tyskland  
 FERL, Jessica, 80336 München, DE-Tyskland  
 GRAF, Birgit, 80469 München, DE-Tyskland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD OF AMPLIFYING MRNAS AND FOR  
 PREPARING FULL LENGTH MRNA LIBRARIES

(51) **Klasse :** C12N 15/113 (2010.01)  
 A61K 31/713 (2006.01)  
 (87) **EP Publ.nr.:** EP3679141  
 (86) **EP søkn.nr.:** 18867097.0  
 (86) **EP innl.dag:** 2018.10.12  
 (87) **EP publ.dag:** 2020.07.15  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2017.10.13, US, 201762572398 P  
 2017.10.13, US, 201762572403 P  
 2018.09.04, US, 201862726950 P  
 2018.10.12  
 (86) **Int.inndag :** 2018.10.12  
 (86) **Int.søknadsnr :** PCT/US2018/055735  
 (73) **Innehaver:**  
 Novo Nordisk Health Care AG, The Circle 32/38 8058  
 Zürich, CH-Sveits  
 (72) **Oppfinner:**  
 BROWN, Bob, D., c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 DUDEK, Henryk, T., c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 SAXENA, Utsav, c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 PURSELL, Natalie, c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 LAI, Cheng, c/o Dicerna Pharmaceuticals, Inc. 33, Hayden  
 AvenueLexington, MA 02421, US-USA  
 WANG, Weimin, c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 STORR, Rachel, c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 NAZEF, Naim, c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 KIM, Boyoung, c/o Dicerna Pharmaceuticals, Inc. 33,  
 Hayden AvenueLexington, MA 02421, US-USA  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 METHODS AND COMPOSITIONS FOR INHIBITING  
 EXPRESSION OF LDHA

(51) **Klasse :** C25B 1/04 (2021.01)  
 C12M 1/00 (2006.01)  
 C12P 7/06 (2006.01)  
 C12P 7/16 (2006.01)  
 C12P 7/18 (2006.01)  
 C12P 7/54 (2006.01)  
 C25B 1/23 (2021.01)  
 C25B 15/08 (2006.01)  
 (87) **EP Publ.nr.:** EP3411489  
 (86) **EP søkn.nr.:** 17748099.3  
 (86) **EP innl.dag:** 2017.02.01  
 (87) **EP publ.dag:** 2018.12.12  
 (80) **EP meddelt :** 2023.07.26  
 (30) **Prioritet:** 2016.02.01, US, 201662289900 P  
 (86) **Int.inndag :** 2017.02.01  
 (86) **Int.søknadsnr :** PCT/US2017/016097  
 (73) **Innehaver:**  
 LanzaTech NZ, Inc., Corporation Trust Center 1209  
 Orange StreetWilmington, New Castle Delaware 19801,  
 US-USA  
 (72) **Oppfinner:**  
 SIMPSON, Sean Dennis, 8045 Lamon Avenue Suite  
 400Skokie Illinois 60077, US-USA  
 CONRADO, Robert John, 8045 Lamon Avenue Suite  
 400Skokie Illinois 60077, US-USA  
 MIHALCEA, Christophe Daniel, 8045 Lamon Avenue Suite  
 400Skokie Illinois 60077, US-USA  
 MARTIN, Michael Emerson, 8045 Lamon Avenue Suite  
 400Skokie, IL 60077, US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 INTEGRATED FERMENTATION AND ELECTROLYSIS  
 PROCESS

- (51) **Klasse :** C25D 7/00 (2006.01)  
C25D 3/56 (2006.01)  
C25D 5/00 (2006.01)  
C25D 7/04 (2006.01)  
F16L 15/04 (2006.01)  
F16L 58/08 (2006.01)
- (87) **EP Publ.nr:** EP3680534  
(86) **EP søkn.nr:** 18851553.0  
(86) **EP innl.dag:** 2018.08.30  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2017.09.04, JP, 2017169097  
(86) **Int.inndag :** 2018.08.30  
(86) **Int.søknadsnr :** PCT/JP2018/032090
- (73) **Innehaver:**  
Nippon Steel Corporation, 6-1, Marunouchi 2-chome  
Chiyoda-kuTokyo 100-8071, JP-Japan  
Vallourec Oil and Gas France, 54 rue Anatole France59620  
Aulnoye-Aymeries, FR-Frankrike
- (72) **Oppfinner:**  
KIMOTO, Masanari, c/o NIPPON STEEL&SUMIKIN  
TECHNOLOGY Co. Ltd. 7-1 Yurakucho 1-chome Chiyoda-  
kuTokyo 100-0006, JP-Japan  
OSHIMA, Masahiro, c/o NIPPON STEEL&SUMITOMO  
METAL CORPORATION 6-1 Marunouchi 2-chome  
Chiyoda-kuTokyo 100-8071, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
THREADED CONNECTION FOR PIPES AND METHOD  
FOR PRODUCING THREADED CONNECTION FOR  
PIPES

- (51) **Klasse :** D01D 5/06 (2006.01)  
D01F 2/00 (2006.01)
- (87) **EP Publ.nr:** EP3844328  
(86) **EP søkn.nr:** 19758989.8  
(86) **EP innl.dag:** 2019.08.30  
(87) **EP publ.dag:** 2021.07.07  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.08.30, EP, 18191628  
(86) **Int.inndag :** 2019.08.30  
(86) **Int.søknadsnr :** PCT/EP2019/073163
- (73) **Innehaver:**  
Aurotec GmbH, Seestraße 114844 Regau, AT-Østerrike
- (72) **Oppfinner:**  
ZIKELI, Stefan, Himmelreichstraße 304844 Regau, AT-  
Østerrike  
ECKER, Friedrich, St. Anna Straße 104850 Timelkam, AT-  
Østerrike
- (74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND DEVICE FOR FILAMENT SPINNING WITH  
DEFLECTION

- (51) **Klasse :** D04H 3/013 (2012.01)  
D01D 5/06 (2006.01)  
D04H 3/02 (2006.01)  
D01D 7/00 (2006.01)  
D01F 2/00 (2006.01)
- (87) **EP Publ.nr:** EP3824128  
(86) **EP søkn.nr:** 19739307.7  
(86) **EP innl.dag:** 2019.07.17  
(87) **EP publ.dag:** 2021.05.26  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2018.07.17, EP, 18183887  
(86) **Int.inndag :** 2019.07.17  
(86) **Int.søknadsnr :** PCT/EP2019/069239
- (73) **Innehaver:**  
Lenzing Aktiengesellschaft, Werkstrasse 24860 Lenzing,  
AT-Østerrike
- (72) **Oppfinner:**  
SAGERER-FORIC, Ibrahim, Prinz Eugen-Straße 514840  
Vöcklabruck, AT-Østerrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR RECOVERING  
SOLVENT FROM PROCESS AIR DURING THE  
PRODUCTION OF A SPUNBOND

- (51) **Klasse :** E01B 27/16 (2006.01)  
B61K 9/08 (2006.01)  
B61L 25/02 (2006.01)  
E01B 35/00 (2006.01)  
G01C 1/02 (2006.01)  
G01C 7/04 (2006.01)  
G01C 15/00 (2006.01)  
G01D 18/00 (2006.01)
- (87) **EP Publ.nr:** EP3631090  
(86) **EP søkn.nr:** 18726773.7  
(86) **EP innl.dag:** 2018.05.18  
(87) **EP publ.dag:** 2020.04.08  
(80) **EP meddelt :** 2023.06.21  
(30) **Prioritet:** 2017.05.29, FR, 1754679  
(86) **Int.inndag :** 2018.05.18  
(86) **Int.søknadsnr :** PCT/EP2018/063172
- (73) **Innehaver:**  
Matisa Matériel Industriel S.A., Boulevard de l'Arc-en-Ciel  
251023 Crissier, CH-Sveits
- (72) **Oppfinner:**  
KORBER, Nicolas, Chemin des Hauts-Tierdoz, 11683  
Brenles, CH-Sveits  
DEMARCO, Nicolino, Sur la Croix 661020 Renens, CH-  
Sveits  
WENGER, Serge, Place du Château 21040 Echallens, CH-  
Sveits
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
METHOD FOR CONTROLLING A MEASURING SYSTEM,  
METHOD FOR GUIDING A RAILWAY CONSTRUCTION  
MACHINE, AND ASSOCIATED GUIDE SYSTEM

(51) **Klasse :** *E01C 9/00 (2006.01)*  
*E01C 5/00 (2006.01)*  
*E01C 11/00 (2006.01)*  
(87) **EP Publ.nr:** EP3377700  
(86) **EP søkn.nr:** 16865356.6  
(86) **EP innl.dag:** 2016.11.17  
(87) **EP publ.dag:** 2018.09.26  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2015.11.17, US, 201562256471 P  
2016.09.01, US, 201662382758 P  
(86) **Int.inndag :** 2016.11.17  
(86) **Int.søknadsnr :** PCT/CA2016/051345  
(73) **Innehaver:**  
F. Von Langsdorff Licensing Limited, 14145 Kennedy  
RoadCaledon, Ontario L7C 2H4, CA-Canada  
(72) **Oppfinner:**  
VON LANGSDORFF, Harald, 14145 Kennedy  
RoadCaledon, Ontario L7C 2H4, CA-Canada  
JAMES, William, 36 Stuart StreetGuelph, Ontario N1E 4S5,  
CA-Canada  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
PAVING ELEMENT HAVING DRAINAGE CHANNELS  
AND PAVEMENT SYSTEM INCORPORATING SAME

(51) **Klasse :** *E01C 23/06 (2006.01)*  
*E01C 23/14 (2006.01)*  
(87) **EP Publ.nr:** EP3420136  
(86) **EP søkn.nr:** 17713371.7  
(86) **EP innl.dag:** 2017.02.24  
(87) **EP publ.dag:** 2019.01.02  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.02.25, GB, 201603249  
(86) **Int.inndag :** 2017.02.24  
(86) **Int.søknadsnr :** PCT/GB2017/050495  
(73) **Innehaver:**  
Rejuvetech Ltd, Kroto Innovation Centre North Campus  
Borak LaneSheffield S3 7HQ, GB-Storbritannia  
(72) **Oppfinner:**  
HOGG, David, Rejuvetech Ltd The Sheffield Bioincubator  
40 Leavy Greave RoadSheffield South Yorkshire S3 7RD,  
GB-Storbritannia  
HOGG, Susan, Porthamel 10A Orchard CroftSheffield S26  
5UA, GB-Storbritannia  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
ASPHALT HEATER SYSTEM AND METHOD FOR  
REPAIRING DEFECTS IN AN ASPHALT SURFACE

(51) **Klasse :** *E01F 9/529 (2016.01)*  
(87) **EP Publ.nr:** EP3775385  
(86) **EP søkn.nr:** 19775515.0  
(86) **EP innl.dag:** 2019.03.29  
(87) **EP publ.dag:** 2021.02.17  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.03.30, US, 201862650958 P  
2019.01.28, US, 201962797894 P  
2019.01.30, US, 201962799024 P  
2019.03.29  
(86) **Int.inndag :**  
(86) **Int.søknadsnr :** PCT/US2019/025035  
(73) **Innehaver:**  
Traffix Devices, Inc., 160 Avenida La PataSan Clemente,  
CA 92673, US-USA  
(72) **Oppfinner:**  
MAUS, Geoffrey B., 160 Avenida La PataSan Clemente,  
CA 92673, US-USA  
ALMANZA, Felipe, 160 Avenida La PataSan Clemente, CA  
92673, US-USA  
JAIME, Christopher A., 160 Avenida La PataSan Clemente,  
CA 92673, US-USA  
KULP, Jack H., 160 Avenida La PataSan Clemente, CA  
92673, US-USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
MODULAR TRAVEL WARNING STRIP SYSTEM

(51) **Klasse :** *E02D 5/52 (2006.01)*  
*E04B 1/21 (2006.01)*  
(87) **EP Publ.nr:** EP3997273  
(86) **EP søkn.nr:** 20742796.4  
(86) **EP innl.dag:** 2020.06.29  
(87) **EP publ.dag:** 2022.05.18  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2019.07.12, FI, 20195632  
(86) **Int.inndag :** 2020.06.29  
(86) **Int.søknadsnr :** PCT/FI2020/050473  
(73) **Innehaver:**  
Peikko Group Oy, Voimakatu 315170 Lahti, FI-Finland  
(72) **Oppfinner:**  
KINNUNEN, Jorma, c/o Peikko Group Oy Voimakatu  
315170 Lahti, FI-Finland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
COLUMN SHOE FOR FASTENING REINFORCED  
CONCRETE COLUMNS TO A BASE

(51) **Klasse :** *E02F 3/36 (2006.01)*  
(87) **EP Publ.nr:** EP3536861  
(86) **EP søkn.nr:** 18207938.4  
(86) **EP innl.dag:** 2018.11.23  
(87) **EP publ.dag:** 2019.09.11  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2018.03.06, DE, 102018105049  
(73) **Innehaver:**  
OilQuick Deutschland KG, Bürgermeister-Schauer-Straße  
182297 Steindorf, DE-Tyskland  
(72) **Oppfinner:**  
Fälschle, Florian, St. Martinstr. 286504 Merching, DE-  
Tyskland  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike  
(54) **Benevnelse:**  
QUICK CHANGER

- (51) **Klasse :** *E02F 9/02 (2006.01)*  
*B60F 1/02 (2006.01)*  
*B60F 1/04 (2006.01)*
- (87) **EP Publ.nr:** EP3942116  
(86) **EP søkn.nr:** 20718401.1  
(86) **EP innl.dag:** 2020.03.19  
(87) **EP publ.dag:** 2022.01.26  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.03.19, NL, 2022762  
(86) **Int.inndag :** 2020.03.19  
(86) **Int.søknadsnr :** PCT/NL2020/050186  
(73) **Innehaver:**  
P. Berende Holding B.V., Hoeveneind 614847 NE  
Teteringen, NL-Nederland  
Nijhuis Engineering Dronten B.V., Pioniersweg 808251 KR  
Dronten, NL-Nederland
- (72) **Oppfinner:**  
BERENDE, Petrus Cornelis Adrianus Maria, Vaartweg  
134905 BK OOSTERHOUT, NL-Nederland  
STEE, Daniel P.J., Appelvinkweg 23897 LD ZEEWOLDE,  
NL-Nederland
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
VEHICLE COMPRISING A STABILIZER, AND  
STABILIZER FOR SUCH A VEHICLE

- (51) **Klasse :** *E02F 9/22 (2006.01)*
- (87) **EP Publ.nr:** EP3976891  
(86) **EP søkn.nr:** 20740707.3  
(86) **EP innl.dag:** 2020.05.12  
(87) **EP publ.dag:** 2022.04.06  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2019.06.03, FR, 1905870  
(86) **Int.inndag :** 2020.05.12  
(86) **Int.søknadsnr :** PCT/FR2020/050785  
(73) **Innehaver:**  
MANITOU BF, 430 Rue de l'Aubinière44150 Ancenis, FR-  
Frankrike
- (72) **Oppfinner:**  
CHAILLOU, Vincent, C/O MANITOU BF 430 rue de  
l'Aubinière44150 ANCENIS, FR-Frankrike
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
LOAD-HANDLING VEHICLE

- (51) **Klasse :** *E04B 1/04 (2006.01)*  
*E04B 1/21 (2006.01)*  
*E04B 1/41 (2006.01)*
- (87) **EP Publ.nr:** EP3983618  
(86) **EP søkn.nr:** 20731524.3  
(86) **EP innl.dag:** 2020.05.29  
(87) **EP publ.dag:** 2022.04.20  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2019.06.14, FI, 20195517  
(86) **Int.inndag :** 2020.05.29  
(86) **Int.søknadsnr :** PCT/FI2020/050363  
(73) **Innehaver:**  
Peikko Group Oy, Voimakatu 315170 Lahti, FI-Finland
- (72) **Oppfinner:**  
YRJÖLÄ, Jaakko, c/o Peikko Group Oy Voimakatu 315170  
Lahti, FI-Finland  
BUJNAK, Jan, c/o Peikko Slovakia sro Kralova nad Vahom  
66092591 Králová nad Váhom, SK-Slovakia  
GREISEN, Johannes, c/o Peikko Danmark ApS  
Hestehaven 21 N, 1 sal5260 Odense S, DK-Danmark
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR MOUNTING A PREFABRICATED  
CONSTRUCTION ELEMENT TO ANOTHER  
CONSTRUCTION ELEMENT AND CONNECTION  
ARRANGEMENT

- (51) **Klasse :** *E04B 1/66 (2006.01)*  
*G01M 3/16 (2006.01)*
- (87) **EP Publ.nr:** EP3628788  
(86) **EP søkn.nr:** 19199973.9  
(86) **EP innl.dag:** 2019.09.26  
(87) **EP publ.dag:** 2020.04.01  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.09.27, DE, 102018123902  
(73) **Innehaver:**  
Sopro Bauchemie GmbH, Biebricher Strasse 7465203  
Wiesbaden, DE-Tyskland
- (72) **Oppfinner:**  
ROSENAU, Björn, Roßbachhöhe 3865232 Taunusstein,  
DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LIQUID-TIGHT LAYER STRUCTURE AND METHOD FOR  
PRODUCING THE SAME

- (51) **Klasse :** *E04B 5/38 (2006.01)*  
*E04B 1/06 (2006.01)*  
*E04B 5/04 (2006.01)*  
*E04B 5/29 (2006.01)*  
*E04F 15/02 (2006.01)*
- (87) **EP Publ.nr:** EP3144439  
(86) **EP søkn.nr:** 16189872.1  
(86) **EP innl.dag:** 2016.09.21  
(87) **EP publ.dag:** 2017.03.22  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2015.09.21, AT, 6172015  
(73) **Innehaver:**  
SDO ZT GmbH, Goritschach 199184 St. Jakob im  
Rosental, AT-Østerrike
- (72) **Oppfinner:**  
OLIPITZ, Michael, Goritschach 19/19184 St. Jakob im  
Rosental, AT-Østerrike
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
PANEL, ESPECIALLY FLOOR- OR CEILING PANEL FOR  
A BUILDING STRUCTURE

(51) **Klasse :** *E04F 13/08 (2006.01)*  
 (87) **EP Publ.nr:** EP3931409  
 (86) **EP søkn.nr:** 20715682.9  
 (86) **EP innl.dag:** 2020.02.28  
 (87) **EP publ.dag:** 2022.01.05  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2019.03.01, DK, PA201970149  
 (86) **Int.inndag :** 2020.02.28  
 (86) **Int.søknadsnr :** PCT/DK2020/050056  
 (73) **Innehaver:**  
 Komproment Holding AF 2007 APS, Jellingvej 119230  
 Svenstrup J, DK-Danmark  
 (72) **Oppfinner:**  
 ANDERSEN, Simon Duus, Garvergade 69400  
 Nørresundby, DK-Danmark  
 HEIDTMANN, Niels, Byvænget 26000 Kolding, DK-  
 Danmark  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 SYSTEM FOR CLADDING A BUILDING FACADE

(51) **Klasse :** *E04F 13/08 (2006.01)*  
 (87) **EP Publ.nr:** EP3959393  
 (86) **EP søkn.nr:** 21700167.6  
 (86) **EP innl.dag:** 2021.01.05  
 (87) **EP publ.dag:** 2022.03.02  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2020.05.04, EP, 20172661  
 (86) **Int.inndag :** 2021.01.05  
 (86) **Int.søknadsnr :** PCT/EP2021/050068  
 (73) **Innehaver:**  
 Swisspearl Group AG, Eternitstrasse 38867 Niederurnen,  
 CH-Sveits  
 (72) **Oppfinner:**  
 GERVASONI, Aristide, 8880 Walenstadt, CH-Sveits  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 PANEL FASTENING SYSTEM

(51) **Klasse :** *E04F 15/02 (2006.01)*  
*E04B 9/04 (2006.01)*  
*E04F 13/08 (2006.01)*  
*E04F 13/12 (2006.01)*  
*E04F 15/06 (2006.01)*  
 (87) **EP Publ.nr:** EP3757312  
 (86) **EP søkn.nr:** 19756746.4  
 (86) **EP innl.dag:** 2019.02.21  
 (87) **EP publ.dag:** 2020.12.30  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2018.02.22, KR, 20180021336  
 (86) **Int.inndag :** 2019.02.21  
 (86) **Int.søknadsnr :** PCT/KR2019/002128  
 (73) **Innehaver:**  
 Samwon Act Co., Ltd., 28 Daedong-ro Sasang-guBusan  
 47035, KR-Sør-Korea  
 (72) **Oppfinner:**  
 LEE, Kyung Wook, 110-601, 22 Jungbo-ro Sangnok-  
 guAnsan-si, Gyeonggi-do 15500, KR-Sør-Korea  
 LEE, Kyung Yul, 102-2004, 284 Angok-roBucheon-si,  
 Gyeonggi-do 14665, KR-Sør-Korea  
 HAN, Hong Suk, 214-1001, 399 Okgucheondong-  
 roSiheung-si, Gyeonggi-do 15028, KR-Sør-Korea  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 METAL INTERIOR MATERIAL AND INTERIOR MATERIAL  
 ATTACHMENT STRUCTURE

(51) **Klasse :** *E04F 21/18 (2006.01)*  
*E04G 1/18 (2006.01)*  
*F16B 7/14 (2006.01)*  
*F16B 7/16 (2006.01)*  
 (87) **EP Publ.nr:** EP3402944  
 (86) **EP søkn.nr:** 16829247.2  
 (86) **EP innl.dag:** 2016.12.27  
 (87) **EP publ.dag:** 2018.11.21  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2016.01.13, DE, 102016100487  
 (86) **Int.inndag :** 2016.12.27  
 (86) **Int.søknadsnr :** PCT/EP2016/082700  
 (73) **Innehaver:**  
 BESSEY Tool GmbH & Co. KG, Mühlwiesenstrasse  
 4074321 Bietigheim-Bissingen, DE-Tyskland  
 (72) **Oppfinner:**  
 KLÖPFER, Gerhard, Bachgartenstrasse 5074385  
 Pleidelsheim, DE-Tyskland  
 KLEIN, Thomas, Ilselfelderstrasse 4174354 Besigheim, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 SUPPORT

(51) **Klasse :** *E05B 19/00 (2006.01)*  
*E05B 27/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3867468  
 (86) **EP søkn.nr:** 19790160.6  
 (86) **EP innl.dag:** 2019.10.14  
 (87) **EP publ.dag:** 2021.08.25  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2018.10.18, US, 201816164212  
 (86) **Int.inndag :** 2019.10.14  
 (86) **Int.søknadsnr :** PCT/EP2019/077782  
 (73) **Innehaver:**  
 Winloc AG, P.O. Box 42336304 Zug, CH-Sveits  
 (72) **Oppfinner:**  
 WIDÉN, Bo, Björkvägen 16B644 36 Torshälla, SE-Sverige  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 A CYLINDER LOCK AND KEY COMBINATION  
 PROVIDING EXTRA CODE COMBINATIONS

(51) **Klasse :** *E06B 5/16 (2006.01)*  
*E06B 3/16 (2006.01)*  
*E06B 3/263 (2006.01)*  
*E06B 3/54 (2006.01)*  
 (87) **EP Publ.nr:** EP3633131  
 (86) **EP søkn.nr:** 19000441.6  
 (86) **EP innl.dag:** 2019.10.01  
 (87) **EP publ.dag:** 2020.04.08  
 (80) **EP meddelt :** 2023.06.14  
 (30) **Prioritet:** 2018.10.06, DE, 102018007897  
 (73) **Innehaver:**  
 Hydro Extruded Solutions AS, Drammensveien 2640283  
 OsloNorge  
 (72) **Oppfinner:**  
 Götz, Peter, Johannes-Widmann-Straße 889335  
 Ichenhausen, DE-Tyskland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 FRAME ELEMENT



- (51) **Klasse :** *E06C 9/02 (2006.01)*  
*E06C 1/10 (2006.01)*  
*E06C 7/00 (2006.01)*  
*E06C 7/50 (2006.01)*
- (87) **EP Publ.nr:** EP3392448  
(86) **EP søkn.nr:** 17166906.2  
(86) **EP innl.dag:** 2017.04.18  
(87) **EP publ.dag:** 2018.10.24  
(80) **EP meddelt :** 2023.06.07
- (73) **Innehaver:**  
Port-Safety ApS, Penselstrøget 244000 Roskilde, DK-Danmark
- (72) **Oppfinner:**  
Kaplan, Stefan Bjørn Urup, Madvigs Allé 13, 3. tv.1829 Frederiksberg C, DK-Danmark  
Myrhøj, Lars Techt, Kronprinsensvej 33, 2.2000 Frederiksberg, DK-Danmark
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
MODULAR SAFETY LADDER

- (51) **Klasse :** *E21B 3/02 (2006.01)*  
*E21B 17/03 (2006.01)*  
*E21B 17/04 (2006.01)*  
*E21B 19/08 (2006.01)*  
*E21B 19/16 (2006.01)*  
*E21B 41/00 (2006.01)*  
*F16D 1/09 (2006.01)*  
*F16D 1/092 (2006.01)*  
*F16D 1/10 (2006.01)*  
*F16D 1/112 (2006.01)*
- (87) **EP Publ.nr:** EP3779115  
(86) **EP søkn.nr:** 20197429.2  
(86) **EP innl.dag:** 2018.03.12  
(87) **EP publ.dag:** 2021.02.17  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2017.03.13, US, 201715457572
- (73) **Innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James PlaceHouston, TX 77056, US-USA
- (72) **Oppfinner:**  
Amezaga, Federico, 17334 Morgans Secret DrCypress, TX 77433, US-USA  
Stankovic, Igor, Cheruskerweg 630989 Gehrden, DE-Tyskland  
Liess, Martin, Stoeckener Str. 12 B30926 Seelze, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
TOOL COUPLER WITH THREADED CONNECTION FOR TOP DRIVE

- (51) **Klasse :** *E21B 17/042 (2006.01)*
- (87) **EP Publ.nr:** EP3298228  
(86) **EP søkn.nr:** 16723383.2  
(86) **EP innl.dag:** 2016.05.19  
(87) **EP publ.dag:** 2018.03.28  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2015.05.22, EP, 15168925  
(86) **Int.inndag :** 2016.05.19  
(86) **Int.søknadsnr :** PCT/EP2016/061292
- (73) **Innehaver:**  
Sandvik Intellectual Property AB, 811 81 Sandviken, SE-Sverige
- (72) **Oppfinner:**  
WICKSTRÖM, David, Hyttgatan 16A811 30 Sandviken, SE-Sverige  
NORMAN, Andreas, Hantverkarbacken 40A811 61 Sandviken, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
THREADED COUPLING END FOR A PERCUSSION DRILL STRING COMPONENT

- (51) **Klasse :** *E21B 17/10 (2006.01)*
- (87) **EP Publ.nr:** EP2815059  
(86) **EP søkn.nr:** 13705553.9  
(86) **EP innl.dag:** 2013.02.18  
(87) **EP publ.dag:** 2014.12.24  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2012.02.16, GB, 201202640  
(86) **Int.inndag :** 2013.02.18  
(86) **Int.søknadsnr :** PCT/GB2013/050390
- (73) **Innehaver:**  
PARADIGM DRILLING SERVICES LIMITED, Camiestone Road Thainstone, InverurieAberdeenshire AB51 5GT, GB-Storbritannia
- (72) **Oppfinner:**  
SIMPSON, Neil Andrew Abercrombie, Burn of Daff Farm, Downies, PortlethenAberdeen AB12 4QX, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
DOWNHOLE TOOL AND METHOD

- (51) **Klasse :** *E21B 19/09 (2006.01)*
- (87) **EP Publ.nr:** EP3938274  
(86) **EP søkn.nr:** 20713397.6  
(86) **EP innl.dag:** 2020.03.11  
(87) **EP publ.dag:** 2022.01.19  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.03.12, NL, 2022729  
(86) **Int.inndag :** 2020.03.11  
(86) **Int.søknadsnr :** PCT/NL2020/050162
- (73) **Innehaver:**  
Itrec B.V., Admiraal Trompstraat 23115 HH Schiedam, NL-Nederland
- (72) **Oppfinner:**  
WIJNING, Diederick Bernardus, c/o 2, Admiraal Trompstraat3115 HH SCHIEDAM, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
OFFSHORE SYSTEM, VESSEL AND METHOD FOR PERFORMING SUBSEA WELLBORE RELATED ACTIVITIES

(51) **Klasse :** *E21B 21/06 (2006.01)*  
*E21B 21/08 (2006.01)*  
*E21B 21/16 (2006.01)*  
*E21B 33/06 (2006.01)*  
*E21B 34/06 (2006.01)*  
*E21B 43/34 (2006.01)*  
*E21B 47/10 (2012.01)*  
*F23G 7/08 (2006.01)*  
*G01N 33/28 (2006.01)*

(87) **EP Publ.nr:** EP3698010  
(86) **EP søkn.nr:** 18867823.9  
(86) **EP innl.dag:** 2018.09.20  
(87) **EP publ.dag:** 2020.08.26  
(80) **EP meddelt :** 2023.06.14  
(30) **Prioritet:** 2017.10.19, US, 201715788703  
(86) **Int.inndag :** 2018.09.20  
(86) **Int.søknadsnr :** PCT/US2018/051836  
(73) **Innehaver:**  
Safekick Americas LLC, 1350 Ravello Drive Katy, Texas 77449, US-USA

(72) **Oppfinner:**  
SANTOS, Helio, 1350 Ravello Drive Katy, Texas 77449, US-USA

(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge

(54) **Benevnelse:**  
METHOD AND SYSTEM FOR CONTROLLED DELIVERY OF UNKNOWN FLUIDS

(51) **Klasse :** *E21B 29/02 (2006.01)*  
*F42C 9/10 (2006.01)*  
*F42D 1/06 (2006.01)*

(87) **EP Publ.nr:** EP3405646  
(86) **EP søkn.nr:** 17705692.6  
(86) **EP innl.dag:** 2017.01.19  
(87) **EP publ.dag:** 2018.11.28  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2016.01.19, GB, 201601009  
(86) **Int.inndag :** 2017.01.19  
(86) **Int.søknadsnr :** PCT/GB2017/050129  
(73) **Innehaver:**  
SPEX Corporate Holdings Ltd, Blackwood House Union Grove Lane Aberdeen AB10 6XU, GB-Storbritannia

(72) **Oppfinner:**  
MAHJOUR, Nadir, 11 Deeside Brae Aberdeen Aberdeenshire AB12 5UE, GB-Storbritannia  
OAG, Jamie, South Kirton Dunecht Estate Westhill Aberdeenshire AB32 7DD, GB-Storbritannia  
YOUNGER, Rae, Nether Ardgrain Ellon Aberdeenshire AB41 8RA, GB-Storbritannia  
JOHNSTON, Sidney Dantuma, 66 Polmuir Road Ferryhill Aberdeen Aberdeenshire AB11 7TH, GB-Storbritannia

(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland

(54) **Benevnelse:**  
TOOL WITH PROPELLANT SECTIONS

(51) **Klasse :** *E21B 33/037 (2006.01)*  
*E21B 41/08 (2006.01)*

(87) **EP Publ.nr:** EP3784874  
(86) **EP søkn.nr:** 19725283.6  
(86) **EP innl.dag:** 2019.04.26  
(87) **EP publ.dag:** 2021.03.03  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.04.26, GB, 201806823  
(86) **Int.inndag :** 2019.04.26  
(86) **Int.søknadsnr :** PCT/EP2019/060754  
(73) **Innehaver:**  
Subsea 7 Norway AS, Kanalsletta 94033 Stavanger Norge

(72) **Oppfinner:**  
HANEFERD, Rasmus, Colin Archers vei 174077 Hundvåg Norge  
SUPHELLEN, Karl Erik, Einerveien 34330 Ålgård Norge  
RASMUSSEN, Arne, Mellemyra 94353 Klepp Stasjon Norge  
LENDE, Knut Sigmund, Stangelandsvegen 1014354 Voll Norge

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
IMPROVING ACCESS INTO SUBSEA STRUCTURES

(51) **Klasse :** *E21B 33/038 (2006.01)*  
*E21B 33/035 (2006.01)*

(87) **EP Publ.nr:** EP3927927  
(86) **EP søkn.nr:** 20712167.4  
(86) **EP innl.dag:** 2020.02.21  
(87) **EP publ.dag:** 2021.12.29  
(80) **EP meddelt :** 2023.08.16  
(30) **Prioritet:** 2019.02.21, US, 201962808640 P  
2019.12.05, GB, 201962944044 P

(86) **Int.inndag :** 2020.02.21  
(86) **Int.søknadsnr :** PCT/US2020/019169  
(73) **Innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James Place Houston Texas 77056, US-USA

(72) **Oppfinner:**  
ZIEGLER, Robert, 8903 Sunny Ridge Dr Houston, Texas 77095, US-USA  
TORALDE, Julmar Shaun S., 2000 St James Pl Houston, Texas 77056, US-USA

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
APPARATUS FOR CONNECTING DRILLING COMPONENTS BETWEEN RIG AND RISER

- (51) **Klasse :** **E21B 33/04 (2006.01)**  
**E21B 19/10 (2006.01)**
- (87) **EP Publ.nr:** EP3784877
- (86) **EP søkn.nr:** 19792186.9
- (86) **EP innl.dag:** 2019.04.22
- (87) **EP publ.dag:** 2021.03.03
- (80) **EP meddelt :** 2023.06.14
- (30) **Prioritet:** 2018.04.23, US, 201815960036
- (86) **Int.inndag :** 2019.04.22
- (86) **Int.søknadsnr :** PCT/US2019/028463
- (73) **Innehaver:**  
Baker Hughes Pressure Control LP, 4424 West Sam  
Houston Parkway North, Suite 100Houston, TX 77041, US-  
USA
- (72) **Oppfinner:**  
LIEW, Joseph Shu Yian, 4424 West Sam Houston Parkway  
North Suite 100Houston, TX 77041, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR AN EXPANDABLE  
LANDING LOCKING SHOULDER

- (51) **Klasse :** **E21B 33/06 (2006.01)**
- (87) **EP Publ.nr:** EP3619393
- (86) **EP søkn.nr:** 18794922.7
- (86) **EP innl.dag:** 2018.04.27
- (87) **EP publ.dag:** 2020.03.11
- (80) **EP meddelt :** 2023.08.02
- (30) **Prioritet:** 2017.05.04, US, 201762501606 P
- (86) **Int.inndag :** 2018.04.27
- (86) **Int.søknadsnr :** PCT/US2018/029969
- (73) **Innehaver:**  
National Oilwell Varco, L.P., 7909 Parkwood Circle  
DriveHouston, Texas 77036, US-USA
- (72) **Oppfinner:**  
PICKETT, Geoffrey A., 7719 New Forest LaneSugar Land,  
Texas 77479-4857, US-USA  
FRANCHEK, Matthew Albert, 303 Parker StreetHouston,  
Texas 77077-7437, US-USA  
PARVASI, Seyed Mohammad, 6102 Winsome  
LaneHouston, Texas 77057-5575, US-USA
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
VALVE HAVING PROTECTED, MOVEABLE SEAL AND  
SEAL ASSEMBLY THEREFOR

- (51) **Klasse :** **E21B 33/068 (2006.01)**
- (87) **EP Publ.nr:** EP3770377
- (86) **EP søkn.nr:** 20190889.4
- (86) **EP innl.dag:** 2017.01.25
- (87) **EP publ.dag:** 2021.01.27
- (80) **EP meddelt :** 2023.06.21
- (30) **Prioritet:** 2016.01.25, GB, 201601321
- (73) **Innehaver:**  
Quality Intervention Technology AS, Sognefjordvegen  
106899 BalestrandNorge
- (72) **Oppfinner:**  
SØRENSEN, Bjørn Bro, Ravnveien 33128 NotteroyNorge
- (74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge
- (54) **Benevnelse:**  
WELL ACCESS TOOL

- (51) **Klasse :** **E21B 33/14 (2006.01)**  
**E21B 34/06 (2006.01)**  
**E21B 43/10 (2006.01)**
- (87) **EP Publ.nr:** EP2984279
- (86) **EP søkn.nr:** 14723648.3
- (86) **EP innl.dag:** 2014.04.11
- (87) **EP publ.dag:** 2016.02.17
- (80) **EP meddelt :** 2023.07.26
- (30) **Prioritet:** 2013.04.11, US, 201361811007 P  
2013.06.28, US, 201361841058 P  
2014.03.10, US, 201461950421 P  
2014.04.10, US, 201414250162
- (86) **Int.inndag :** 2014.04.11
- (86) **Int.søknadsnr :** PCT/US2014/033722
- (73) **Innehaver:**  
Weatherford Technology Holdings, LLC, 2000, St. James  
PlaceHouston, TX 77056, US-USA
- (72) **Oppfinner:**  
GIROUX, Richard Lee, P.O. Box 570Cypress, Texas  
77410, US-USA  
PURKIS, Daniel, 10 WhinnyfoldCruden Bay Aberdeenshire  
AB42 8QH, GB-Storbritannia  
DALZELL, Richard, 19 Caddam Crescent  
NorthmuirKirriemuir, Angus DD8 4PX, GB-Storbritannia  
DUTHIE, Jason, Weatherford House Lawson Drive  
DyceAberdeen Aberdeenshire AB21 0DR, GB-Storbritannia  
JAFFREY, Ian, 14 Greenhall AvenueInsch, Aberdeenshire  
AB52 6HG, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
TELEMETRY OPERATED TOOLS FOR CEMENTING A  
LINER STRING

- (51) **Klasse :** **E21B 41/00 (2006.01)**
- (87) **EP Publ.nr:** EP3177806
- (86) **EP søkn.nr:** 15829079.1
- (86) **EP innl.dag:** 2015.07.28
- (87) **EP publ.dag:** 2017.06.14
- (80) **EP meddelt :** 2023.07.26
- (30) **Prioritet:** 2014.08.04, US, 201462032845 P
- (86) **Int.inndag :** 2015.07.28
- (86) **Int.søknadsnr :** PCT/US2015/042463
- (73) **Innehaver:**  
Landmark Graphics Corporation, 10200 Bellaire  
BoulevardHouston, Texas 77072, US-USA
- (72) **Oppfinner:**  
SAMUEL, Robello, 11306 Dawnheath DriveCypress, Texas  
77433, US-USA  
MITTAL, Manish Kumar, 8450 Cambridge StreetHouston,  
Texas 77054, US-USA  
ANIKET, (None), 3003 Seagler Road Apt. 1220Houston,  
Texas 77042, US-USA
- (74) **Fullmektig:**  
AA Thornton IP LLP, 8 th Floor, 125 Old Broad Street,  
EC2N1AR LONDON, Storbritannia
- (54) **Benevnelse:**  
MODELING CASING/RISER WEAR AND FRICTION  
FACTOR USING DISCRETE INVERSION TECHNIQUES

(51) **Klasse :** *E21B 43/013 (2006.01)*  
*F16L 1/26 (2006.01)*

(87) **EP Publ.nr:** EP3631159  
(86) **EP søkn.nr:** 18805161.9  
(86) **EP innl.dag:** 2018.05.24  
(87) **EP publ.dag:** 2020.04.08  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.05.24, NO, 20170854  
(86) **Int.inndag :** 2018.05.24  
(86) **Int.søknadsnr :** PCT/NO2018/050137  
(73) **Innehaver:**  
Nautilus Subsea AS, Postboks 2151324 LysakerNorge

(72) **Oppfinner:**  
LILLEJORDET, Per, Tømmerbakke vei 41453  
BjørnemyrNorge  
MILLS, Simon Nicholas, Trondheimsveien 430560  
OsloNorge  
OLSVIK, Erik, Konghellegata 100570 OsloNorge  
TVEITEN, Paul Fredrik, Dælenenggata 14B0567  
OsloNorge

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
HORIZONTAL SUBSEA TIE-IN SYSTEM

(51) **Klasse :** *E21B 43/013 (2006.01)*  
*E21B 43/017 (2006.01)*

(87) **EP Publ.nr:** EP3894658  
(86) **EP søkn.nr:** 19839115.3  
(86) **EP innl.dag:** 2019.12.11  
(87) **EP publ.dag:** 2021.10.20  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.12.11, GB, 201820186  
2018.12.12, GB, 201820278

(86) **Int.inndag :** 2019.12.11  
(86) **Int.søknadsnr :** PCT/GB2019/053512  
(73) **Innehaver:**  
Enpro Subsea Limited, 15 Abercrombie CourtWesthill  
Aberdeen AB32 6FE, GB-Storbritannia

(72) **Oppfinner:**  
MCDONALD, Craig, c/o Enpro Subsea Limited 15  
Abercrombie Court WesthillAberdeen Aberdeenshire AB32  
6FE, GB-Storbritannia

(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge

(54) **Benevnelse:**  
APPARATUS, SYSTEMS AND METHODS FOR OIL AND  
GAS OPERATIONS

(51) **Klasse :** *E21B 43/11 (2006.01)*  
*E21B 43/26 (2006.01)*

(87) **EP Publ.nr:** EP3966426  
(86) **EP søkn.nr:** 19779134.6  
(86) **EP innl.dag:** 2019.08.08  
(87) **EP publ.dag:** 2022.03.16  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.06.12, US, 201916439391  
(86) **Int.inndag :** 2019.08.08  
(86) **Int.søknadsnr :** PCT/IB2019/056775  
(73) **Innehaver:**  
Saudi Arabian Oil Company, 1 Eastern AvenueDhahran  
31311, SA-Saudi Arabia

(72) **Oppfinner:**  
AL OBAID, Omar Mohammed, P.O. Box 20489 Al-Midra  
BuildingDhahran, 31311, SA-Saudi Arabia  
BATARSEH, Sameeh Issa, P.O. Box 9522Dhahran, 31311,  
SA-Saudi Arabia

(74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge

(54) **Benevnelse:**  
HIGH-POWER LASER DRILLING SYSTEM

(51) **Klasse :** *E21B 43/1185 (2006.01)*  
*F41A 19/58 (2006.01)*  
*F42D 1/05 (2006.01)*

(87) **EP Publ.nr:** EP3631160  
(86) **EP søkn.nr:** 18810801.3  
(86) **EP innl.dag:** 2018.06.01  
(87) **EP publ.dag:** 2020.04.08  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2017.06.01, US, 201762513909 P  
(86) **Int.inndag :** 2018.06.01  
(86) **Int.søknadsnr :** PCT/US2018/035679  
(73) **Innehaver:**  
GeoDynamics, Inc., 10400 West Interstate 20Millsap, TX  
76066, US-USA

(72) **Oppfinner:**  
HARDESTY, John T., c/o GeoDynamics, Inc. 10500 W.  
Interstate 20Millsap, TX 76066, US-USA  
ROESSLER, Dennis E., c/o GeoDynamics, Inc. 10500 W.  
Interstate 20Millsap, TX 76066, US-USA  
CHURCH, Paul Andrew, 3 FairviewManorDanestone,  
Aberdeen AB22 8ZY, GB-Storbritannia  
MACLEOD, Iain Morrison, 10 Marshall Mackenzie Road  
KingseatNewmachar, Aberdeenshire AB21 0AB, GB-  
Storbritannia  
ELRICK, Andrew John, Pitfour House Stables  
MintlawPeterhead, Aberdeenshire AB42 4JQ, GB-  
Storbritannia  
JOINER, Peter Alan, 15 Fairview CrescentDanestone,  
Aberdeen AB22 8ZB, GB-Storbritannia

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
ELECTRONIC TIME DELAY APPARATUS AND METHOD

(51) **Klasse :** *E21B 43/1185 (2006.01)*  
 (87) **EP Publ.nr:** EP3739165  
 (86) **EP søkn.nr:** 20168544.3  
 (86) **EP innl.dag:** 2020.04.07  
 (87) **EP publ.dag:** 2020.11.18  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2019.05.14, GB, 201906801  
 (73) **Innehaver:**  
 Weatherford U.K. Limited, Gotham Road East Leake  
 LoughboroughLeicestershire LE12 6JX, GB-Storbritannia  
 (72) **Oppfinner:**  
 RONSON, Michael, c/o Weatherford U.K. Limited, Science  
 and Energy Park Exploration Drive Bridge of DonAberdeen,  
 AB23 8GX, GB-Storbritannia  
 ANDERSON, Neil, c/o Weatherford U.K. Limited, Science  
 and Energy Park Exploration Drive Bridge of DonAberdeen,  
 AB23 6GX, GB-Storbritannia  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 PERFORATING APPARATUS

(51) **Klasse :** *E21B 43/34 (2006.01)*  
*B07B 13/16 (2006.01)*  
*E21B 21/06 (2006.01)*  
*E21B 43/38 (2006.01)*  
 (87) **EP Publ.nr:** EP2404030  
 (86) **EP søkn.nr:** 10749405.6  
 (86) **EP innl.dag:** 2010.03.05  
 (87) **EP publ.dag:** 2012.01.11  
 (80) **EP meddelt :** 2023.06.14  
 (30) **Prioritet:** 2009.03.06, US, 158217 P  
 (86) **Int.inndag :** 2010.03.05  
 (86) **Int.søknadsnr :** PCT/US2010/026398  
 (73) **Innehaver:**  
 M-I L.L.C., 5950 North Course DriveHouston, TX 77072,  
 US-USA  
 (72) **Oppfinner:**  
 TIMMERMAN, Michael, A., 4984 Western Hills  
 Ave.Cincinnati, OH 45238, US-USA  
 CARR, Brian, S., 4664 Catalpa Ct.Burlington, KY 41005,  
 US-USA  
 MARSHALL, James, A., 2139 Natchez TraceUnion, KY  
 41091, US-USA  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 WELLBORE STRENGTHENING MATERIAL RECOVERY

(51) **Klasse :** *E21B 44/00 (2006.01)*  
*E21B 47/007 (2012.01)*  
 (87) **EP Publ.nr:** EP3420184  
 (86) **EP søkn.nr:** 17757073.6  
 (86) **EP innl.dag:** 2017.02.21  
 (87) **EP publ.dag:** 2019.01.02  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2016.02.26, US, 201662300280 P  
 (86) **Int.inndag :** 2017.02.21  
 (86) **Int.søknadsnr :** PCT/US2017/018736  
 (73) **Innehaver:**  
 Baker Hughes Holdings LLC, 17021 Aldine  
 WestfieldHouston, TX 77073, US-USA  
 (72) **Oppfinner:**  
 GARNER, Louis, D., 59 Bridlecreek Park SWCalgary,  
 Alberta T2Y 3N6, CA-Canada  
 VACIK, Lubos, 16134 Shawbrooke RoadCalgary, Alberta  
 T2Y 3B2, CA-Canada  
 LIVESCU, Silviu, N203-111 25th Ave SWCalgary, Alberta  
 T2S 3G4, CA-Canada  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 REAL-TIME TENSION, COMPRESSION AND TORQUE  
 DATA MONITORING SYSTEM

(51) **Klasse :** *E21B 49/08 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 43/17 (2006.01)*  
*E21B 43/26 (2006.01)*  
 (87) **EP Publ.nr:** EP3452699  
 (86) **EP søkn.nr:** 17793202.7  
 (86) **EP innl.dag:** 2017.05.03  
 (87) **EP publ.dag:** 2019.03.13  
 (80) **EP meddelt :** 2023.05.31  
 (30) **Prioritet:** 2016.05.03, US, 201615145396  
 (86) **Int.inndag :** 2017.05.03  
 (86) **Int.søknadsnr :** PCT/US2017/030721  
 (73) **Innehaver:**  
 Schlumberger Technology B.V., Parkstraat 832514 JG The  
 Hague, NL-Nederland  
 (72) **Oppfinner:**  
 ENKABABIAN, Philippe, 21814 Redbud knoll  
 courtRichmond, Texas 77469, US-USA  
 POTAPENKO, Dmitriy Ivanovich, 3310 Vista Lake  
 DriveSugar Land, Texas 77478, US-USA  
 WILLBERG, Dean Michael, 10548 East Cerulean  
 WayTucson, Arizona 85747, US-USA  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 METHOD AND SYSTEM FOR ESTABLISHING WELL  
 PERFORMANCE DURING PLUG MILL-OUT OR  
 CLEANOUT/WORKOVER OPERATIONS



(51) **Klasse :** *F01D 15/00 (2006.01)*  
*F01D 25/16 (2006.01)*  
*F01D 25/22 (2006.01)*  
*F04D 29/058 (2006.01)*

(87) **EP Publ.nr:** EP3358146  
(86) **EP søkn.nr:** 18154961.9  
(86) **EP innl.dag:** 2018.02.02  
(87) **EP publ.dag:** 2018.08.08  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2017.02.06, IT, 201700012500  
(73) **Innehaver:**  
Nuovo Pignone Tecnologie - S.r.l., Via Felice Matteucci  
250127 Florence, IT-Italia

(72) **Oppfinner:**  
DOZZINI, Matteo, Via Felice Matteucci 250127 Florence,  
IT-Italia  
ORTIZ NERI, Massimiliano, Via Felice Matteucci 250127  
Florence, IT-Italia  
BORGHETTI, Massimiliano, Via Felice Matteucci 250127  
Florence, IT-Italia

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike

(54) **Benevnelse:**  
TURBOMACHINE AND METHOD OF OPERATING A  
TURBOMACHINE

(51) **Klasse :** *F01M 1/08 (2006.01)*  
*F01M 1/16 (2006.01)*  
*F16N 7/34 (2006.01)*  
*F16N 7/38 (2006.01)*  
*F16N 13/16 (2006.01)*

(87) **EP Publ.nr:** EP3724464  
(86) **EP søkn.nr:** 18887578.5  
(86) **EP innl.dag:** 2018.12.13  
(87) **EP publ.dag:** 2020.10.21  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2017.12.13, DK, PA201770939  
(86) **Int.inndag :** 2018.12.13  
(86) **Int.søknadsnr :** PCT/DK2018/050356  
(73) **Innehaver:**  
Hans Jensen Lubricators A/S, Smedevaenget 39560  
Hadsund, DK-Danmark

(72) **Oppfinner:**  
BAK, Peer, Kvisten 99300 Sæby, DK-Danmark

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
A LARGE SLOW-RUNNING TWO-STROKE ENGINE, A  
METHOD OF LUBRICATING IT, AND AN INJECTOR  
WITH A STEP-WISE HYDRAULIC PUMPING SYSTEM  
FOR SUCH ENGINE AND METHOD

(51) **Klasse :** *F01M 1/08 (2006.01)*  
*F16N 7/34 (2006.01)*  
*F16N 7/38 (2006.01)*  
*F16N 13/04 (2006.01)*  
*F16N 13/06 (2006.01)*

(87) **EP Publ.nr:** EP3724466  
(86) **EP søkn.nr:** 18889209.5  
(86) **EP innl.dag:** 2018.12.13  
(87) **EP publ.dag:** 2020.10.21  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.12.13, DK, PA201770937  
(86) **Int.inndag :** 2018.12.13  
(86) **Int.søknadsnr :** PCT/DK2018/050354  
(73) **Innehaver:**  
Hans Jensen Lubricators A/S, Smedevaenget 39560  
Hadsund, DK-Danmark

(72) **Oppfinner:**  
BAK, Peer, Kvisten 99300 Sæby, DK-Danmark

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
LARGE SLOW-RUNNING TWO-STROKE ENGINE AND  
METHOD OF LUBRICATING SUCH ENGINE, AS WELL  
AS AN INJECTOR WITH AN ELECTRIC PUMPING  
SYSTEM FOR SUCH ENGINE AND METHOD

(51) **Klasse :** *F01M 1/08 (2006.01)*  
*F01M 1/16 (2006.01)*  
*F16K 3/26 (2006.01)*  
*F16K 31/06 (2006.01)*  
*F16N 7/34 (2006.01)*  
*F16N 7/38 (2006.01)*  
*F16N 13/06 (2006.01)*

(87) **EP Publ.nr:** EP3910169  
(86) **EP søkn.nr:** 21177105.0  
(86) **EP innl.dag:** 2018.12.13  
(87) **EP publ.dag:** 2021.11.17  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.12.13, DK, PA201770936  
2017.12.13, DK, PA201770940

(73) **Innehaver:**  
Hans Jensen Lubricators A/S, Smedevaenget 39560  
Hadsund, DK-Danmark

(72) **Oppfinner:**  
BAK, Peer, 9300 Sæby, DK-Danmark

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
A VALVE SYSTEM AND USE THEREOF

- (51) **Klasse :** *F02K 9/34 (2006.01)*  
*B05B 13/04 (2006.01)*  
*B05D 1/02 (2006.01)*  
*B05D 3/14 (2006.01)*  
*B05D 5/00 (2006.01)*  
*B05D 7/00 (2006.01)*  
*B29C 59/14 (2006.01)*  
*C09J 5/02 (2006.01)*  
*F02K 9/97 (2006.01)*  
*B29C 70/02 (2006.01)*  
*B29L 31/30 (2006.01)*
- (87) **EP Publ.nr:** EP3489500  
(86) **EP søkn.nr:** 18208007.7  
(86) **EP innl.dag:** 2018.11.23  
(87) **EP publ.dag:** 2019.05.29  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.11.27, IT, 201700135747  
(73) **Innehaver:**  
AVIO S.p.A., Via Leonida Bissolati 7600187 Roma, IT-Italia
- (72) **Oppfinner:**  
SCHIARITI, Daniele, Via Giovanni Mayer, 5000127 Roma, IT-Italia  
CARDELLI, Massimiliano, Via Luigi Gastinelli, 700132 Roma, IT-Italia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
MANUFACTURING PROCESS FOR MAKING A DOME ELEMENT PROVIDED WITH THERMAL PROTECTION FOR A SOLID PROPELLANT ROCKET ENGINE

- (51) **Klasse :** *F02M 21/02 (2006.01)*
- (87) **EP Publ.nr:** EP3619418  
(86) **EP søkn.nr:** 17721685.0  
(86) **EP innl.dag:** 2017.05.05  
(87) **EP publ.dag:** 2020.03.11  
(80) **EP meddelt :** 2023.07.19  
(86) **Int.inndag :** 2017.05.05  
(86) **Int.søknadsnr :** PCT/EP2017/060796  
(73) **Innehaver:**  
Wärtsilä Finland Oy, Järvikatu 2-465100 Vaasa, FI-Finland
- (72) **Oppfinner:**  
WIDJESKOG, Klaus, c/o Wärtsilä Finland Oy Tarhaajantie 265380 Vaasa, FI-Finland  
HÖGNABBA, Tomas, c/o Wärtsilä Finland Oy Tarhaajantie 265380 Vaasa, FI-Finland  
HALONEN, Ville, c/o Wärtsilä Finland Oy Tarhaajantie 265380 Vaasa, FI-Finland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge
- (54) **Benevnelse:**  
A LIQUEFIED GAS FUEL FEEDING SYSTEM AND A MARINE VESSEL

- (51) **Klasse :** *F03D 1/06 (2006.01)*
- (87) **EP Publ.nr:** EP3870839  
(86) **EP søkn.nr:** 19794943.1  
(86) **EP innl.dag:** 2019.10.22  
(87) **EP publ.dag:** 2021.09.01  
(80) **EP meddelt :** 2023.07.12  
(30) **Prioritet:** 2018.10.22, DE, 102018218067  
(86) **Int.inndag :** 2019.10.22  
(86) **Int.søknadsnr :** PCT/EP2019/078756  
(73) **Innehaver:**  
Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V., Hansastr. 27c80686 München, DE-Tyskland
- (72) **Oppfinner:**  
ROSEMEIER, Malo, c/o Fraunhofer-Institut Windenergie und Energiesystemtechnik Am Seedeich 4527572 Bremerhaven, DE-Tyskland  
BÄTGE, Moritz, c/o TÜV NORD EnSys GmbH & Co. KG Energy Erneuerbare Energien Zertifizierung Unter den Linden 1710117 Berlin, DE-Tyskland  
LINDERMANN, Matthias, c/o Fraunhofer-Institut Windenergie und Energiesystemtechnik (IWES) Am Seedeich 4527572 Bremerhaven, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ROTOR BLADE EXTENSION

- (51) **Klasse :** *F16C 17/03 (2006.01)*  
*F16C 17/06 (2006.01)*  
*F16C 33/10 (2006.01)*  
*F16C 33/66 (2006.01)*  
*F16C 37/00 (2006.01)*
- (87) **EP Publ.nr:** EP3980654  
(86) **EP søkn.nr:** 20732486.4  
(86) **EP innl.dag:** 2020.06.03  
(87) **EP publ.dag:** 2022.04.13  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2019.06.04, IT, 201900007995  
(86) **Int.inndag :** 2020.06.03  
(86) **Int.søknadsnr :** PCT/EP2020/025259  
(73) **Innehaver:**  
Nuovo Pignone Tecnologie - S.R.L., Via Felice Matteucci 250127 Florence, IT-Italia
- (72) **Oppfinner:**  
RAVEGGI, Marco, Via Felice Matteucci 2Florence, 50127, IT-Italia  
FRANCHI, Stefano, Via Felice Matteucci 2Florence, 50127, IT-Italia  
PIVETTA, Valentina, Via Felice Matteucci 2Florence, 50127, IT-Italia  
PANARA, Daniele, Via Felice Matteucci 2 Florence, 50127Florence, 50127, IT-Italia
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
A BEARING WITH PADS HAVING COOLING MICRO-CHANNELS THEREIN, AND METHOD

(51) **Klasse :** *F16H 7/02 (2006.01)*  
*B65G 15/60 (2006.01)*  
*B65G 39/10 (2006.01)*  
*F16G 1/00 (2006.01)*  
*F16H 7/12 (2006.01)*  
*F16H 37/00 (2006.01)*

(87) **EP Publ.nr:** EP3652466  
(86) **EP søkn.nr:** 18832320.8  
(86) **EP innl.dag:** 2018.07.10  
(87) **EP publ.dag:** 2020.05.20  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.07.10, US, 201762530420 P  
(86) **Int.inndag :** 2018.07.10  
(86) **Int.søknadsnr :** PCT/US2018/041497  
(73) **Innehaver:**  
Liftwave Inc. Dba Rise Robotics, 1 Union  
SquareSomerville, MA 02143, US-USA

(72) **Oppfinner:**  
SESSIONS, Blake, 28 Dane StreetSomerville,  
Massachusetts 02143, US-USA

(74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia

(54) **Benevnelse:**  
NORMALIZING TENSION DISTRIBUTION AND  
MINIMIZING SIDEWALL ABRASION WITHIN ANGULAR  
DRIVE BELT SYSTEMS

(51) **Klasse :** *F16H 55/50 (2006.01)*  
*G01M 3/28 (2006.01)*  
*G01M 3/32 (2006.01)*  
*G01M 5/00 (2006.01)*

(87) **EP Publ.nr:** EP3956584  
(86) **EP søkn.nr:** 20722493.2  
(86) **EP innl.dag:** 2020.04.16  
(87) **EP publ.dag:** 2022.02.23  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2019.04.17, DE, 202019102212 U  
(86) **Int.inndag :** 2020.04.16  
(86) **Int.søknadsnr :** PCT/EP2020/060658  
(73) **Innehaver:**  
C. u. A. Heiderich GmbH, Breckerfelder Str. 19658256  
Ennepetal, DE-Tyskland

(72) **Oppfinner:**  
WEISSFLOG, Harald, Rollmannstr. 6658256 Ennepetal,  
DE-Tyskland

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
ROLLER

(51) **Klasse :** *F16L 1/12 (2006.01)*  
*B63B 21/50 (2006.01)*  
*E21B 17/01 (2006.01)*  
*F15D 1/10 (2006.01)*

(87) **EP Publ.nr:** EP3638937  
(86) **EP søkn.nr:** 18740327.4  
(86) **EP innl.dag:** 2018.06.15  
(87) **EP publ.dag:** 2020.04.22  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2017.06.15, NL, 2019077  
(86) **Int.inndag :** 2018.06.15  
(86) **Int.søknadsnr :** PCT/NL2018/050394  
(73) **Innehaver:**  
Bluemarine Offshore Yard Service B.V., Ophemertstraat  
853089 JD Rotterdam, NL-Nederland

(72) **Oppfinner:**  
ESSELBRUGGE, Martin, Cornelia Schefferlaan 347545 RZ  
Enschede, NL-Nederland  
STEENHUIS, André Luur Jan, Rodenrijseweg 3052651 BS  
Berkel en Rodenrijs, NL-Nederland

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike

(54) **Benevnelse:**  
VIV SUPPRESSION STRAKE ASSEMBLY

(51) **Klasse :** *F16L 1/15 (2006.01)*  
*F16L 1/19 (2006.01)*  
*F16L 1/23 (2006.01)*

(87) **EP Publ.nr:** EP3906375  
(86) **EP søkn.nr:** 19835430.0  
(86) **EP innl.dag:** 2019.12.31  
(87) **EP publ.dag:** 2021.11.10  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.12.31, FR, 1874403  
(86) **Int.inndag :** 2019.12.31  
(86) **Int.søknadsnr :** PCT/EP2019/087188  
(73) **Innehaver:**  
TechnipFMC Subsea France, 1BIS Place DE LA  
DEFENSE Tour Trinity92400 Courbevoie, FR-Frankrike

(72) **Oppfinner:**  
JEAN, Sebastien, 13 Res Les Terres Quemines76113  
Hautot sur Seine, FR-Frankrike

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
METHOD FOR LAYING AND/OR RECOVERING A  
FLEXIBLE LINE IN A BODY OF WATER AND  
ASSOCIATED SYSTEM

- (51) **Klasse :** *F16L 1/16 (2006.01)*  
*E21B 43/01 (2006.01)*  
*F16L 1/20 (2006.01)*  
*F16L 1/26 (2006.01)*
- (87) **EP Publ.nr:** EP3828453  
(86) **EP søkn.nr:** 20216412.5  
(86) **EP innl.dag:** 2017.12.08  
(87) **EP publ.dag:** 2021.06.02  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2016.12.09, GB, 201621012  
(73) **Innehaver:**  
Subsea 7 Do Brasil Serviços Ltda., Rua Enegnheiro Fábio Goulart 155 Parte Ilha da Conceição24050-090 Niterói - RJ, BR-Brasil
- (72) **Oppfinner:**  
DE LEMOS JÚNIOR, Luiz Carlos, Rua Pirineus 123 Vila da Penha20520-202 Rio de Janeiro RJ, BR-Brasil  
CARVALHO GOUVEIA, João Carlos, Avenida Julio Furtado 178/701 Grajau20.561-018 Rio de Janeiro RJ, BR-Brasil  
NICOLETTI DE FRAGA, Frederico, Rua Dom Bosco, 83/301 - Icarai24220-390 Niteroi RJ, BR-Brasil
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
IMPROVEMENTS RELATING TO PIPELAYING

- (51) **Klasse :** *F16L 11/08 (2006.01)*  
*F16L 33/01 (2006.01)*  
*G01M 5/00 (2006.01)*
- (87) **EP Publ.nr:** EP3732386  
(86) **EP søkn.nr:** 18836266.9  
(86) **EP innl.dag:** 2018.12.27  
(87) **EP publ.dag:** 2020.11.04  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.12.29, FR, 1763384  
(86) **Int.inndag :** 2018.12.27  
(86) **Int.søknadsnr :** PCT/EP2018/097020  
(73) **Innehaver:**  
TechnipFMC Subsea France, 1BIS Place DE LA DEFENSE Tour Trinity92400 Courbevoise, FR-Frankrike
- (72) **Oppfinner:**  
ROCHER MONNIER, Pierre, 260 rue du Val Rebours76940 LA MAILLERAYE SUR SEINE, FR-Frankrike  
BOURGET, Jean-Christophe, 480 route de Bodonn29470 PLOUGASTEL, FR-Frankrike  
CHAUDET, Guillaume, 20 Bis route d'Houpeville76130 MONT SAINT AIGNAN, FR-Frankrike  
LEMBEYE, Philippe, 387 rue des Blancs Hameaux76380 MONTIGNY, FR-Frankrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CONNECTION TIP FOR A FLEXIBLE LINE, AND ASSOCIATED MANUFACTURING PROCESS AND MONITORING METHOD

- (51) **Klasse :** *F16L 21/06 (2006.01)*  
*F16L 17/04 (2006.01)*  
*F16L 21/00 (2006.01)*  
*F16L 21/02 (2006.01)*  
*F16L 21/03 (2006.01)*  
*F16L 21/08 (2006.01)*  
*F16L 23/00 (2006.01)*  
*F16L 23/02 (2006.01)*  
*F16L 23/18 (2006.01)*  
*F16L 37/091 (2006.01)*  
*F16L 43/00 (2006.01)*
- (87) **EP Publ.nr:** EP3757437  
(86) **EP søkn.nr:** 20186185.3  
(86) **EP innl.dag:** 2017.05.15  
(87) **EP publ.dag:** 2020.12.30  
(80) **EP meddelt :** 2023.09.06  
(30) **Prioritet:** 2016.05.16, US, 201662336893 P  
(73) **Innehaver:**  
Victaulic Company, 4901 Kesslersville RoadEaston, PA 18040-6714, US-USA
- (72) **Oppfinner:**  
SITH, Ahmad, 1414 Shelbourne DriveBethlehem, PA 18018, US-USA  
BOWMAN, Matthew A., 2215 Donald StreetPalmer, PA 18045, US-USA  
MADARA, Scott D., 309 Meyer RoadNazareth, PA 18064, US-USA  
STERNER, Jeffrey Lance, 480 Stewart LaneHamburg, PA 19526, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
FITTING HAVING TABBED RETAINER AND OBSERVATION APERTURES

- (51) **Klasse :** *F16L 25/02 (2006.01)*  
*B67D 9/02 (2010.01)*  
*F16L 39/00 (2006.01)*  
*F16L 39/04 (2006.01)*  
*F16L 59/075 (2006.01)*  
*F16L 59/18 (2006.01)*
- (87) **EP Publ.nr:** EP3734131  
(86) **EP søkn.nr:** 18896842.4  
(86) **EP innl.dag:** 2018.12.26  
(87) **EP publ.dag:** 2020.11.04  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2017.12.28, JP, 2017254139  
(86) **Int.inndag :** 2018.12.26  
(86) **Int.søknadsnr :** PCT/JP2018/047905  
(73) **Innehaver:**  
Kawasaki Jukogyo Kabushiki Kaisha, 1-1 Higashikawasaki-cho 3-chome Chuo-ku Kobe-shiHyogo 650-8670, JP-Japan  
TB Global Technologies Ltd., 2-1, Kyobashi 2-chome, Chuo-ku Tokyo, JP-Japan  
T.EN Loading Systems S.A.S., Route des Clérimois89100 Sens, FR-Frankrike
- (72) **Oppfinner:**  
UMEMURA, Tomoaki, c/o Kawasaki Jukogyo Kabushiki Kaisha 1-1 Higashikawasaki-cho 3-chome Chuo-kuKobe-shi Hyogo 650-8670, JP-Japan  
KAWAI, Tsutomu, c/o TOKYO BOEKI ENGINEERING LTD. 5-1, Jooka 2-chome Nagaoka-shiNiigata 940-0021, JP-Japan
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
FLUID LOADING JOINT AND FLUID LOADING EQUIPMENT

(51) **Klasse :** *F16L 55/165 (2006.01)*  
 (87) **EP Publ.nr:** EP3980679  
 (86) **EP søkn.nr:** 20725469.9  
 (86) **EP innl.dag:** 2020.05.07  
 (87) **EP publ.dag:** 2022.04.13  
 (80) **EP meddelt :** 2023.06.28  
 (30) **Prioritet:** 2019.06.07, DE, 102019115556  
 (86) **Int.inndag :** 2020.05.07  
 (86) **Int.søknadsnr :** PCT/EP2020/062729  
 (73) **Innehaver:**  
 Global Safety Textiles GmbH, Trottäcker 4679713 Bad  
 Säckingen, DE-Tyskland  
 Swissinliner GmbH, Hinterbergstr. 216330 Cham, CH-  
 Sveits  
 (72) **Oppfinner:**  
 BALLIKAYA, Ergül, Hauptstr. 37 d6015 Luzern, CH-Sveits  
 (74) **Fullmektig:**  
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
 CHALFONT ST PETER, Storbritannia  
 (54) **Benevnelse:**  
 ARRANGEMENT AND METHOD FOR MENDING A PIPE,  
 PARTICULARLY A WASTE WATER PIPE

(51) **Klasse :** *F16L 57/00 (2006.01)*  
*F15B 1/08 (2006.01)*  
*F16L 55/07 (2006.01)*  
*F16L 58/00 (2006.01)*  
*G01M 3/00 (2006.01)*  
*G01M 3/32 (2006.01)*  
 (87) **EP Publ.nr:** EP3464984  
 (86) **EP søkn.nr:** 17731367.3  
 (86) **EP innl.dag:** 2017.06.05  
 (87) **EP publ.dag:** 2019.04.10  
 (80) **EP meddelt :** 2023.07.05  
 (30) **Prioritet:** 2016.06.06, US, 201662346195 P  
 (86) **Int.inndag :** 2017.06.05  
 (86) **Int.søknadsnr :** PCT/US2017/035942  
 (73) **Innehaver:**  
 Hexagon Technology AS, Korsegata 4B P.O. Box 8366002  
 SentrumNorge  
 (72) **Oppfinner:**  
 EIHUSEN, John, 3310 Manassas PlaceLincoln NE 68516,  
 US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 INLINE CYCLE FUSE

(51) **Klasse :** *F23L 7/00 (2006.01)*  
*C10G 9/20 (2006.01)*  
*F23C 99/00 (2006.01)*  
*F23D 14/66 (2006.01)*  
*F23D 14/68 (2006.01)*  
 (87) **EP Publ.nr:** EP3519731  
 (86) **EP søkn.nr:** 17765135.3  
 (86) **EP innl.dag:** 2017.09.05  
 (87) **EP publ.dag:** 2019.08.07  
 (80) **EP meddelt :** 2023.06.14  
 (30) **Prioritet:** 2016.09.05, EP, 16187239  
 (86) **Int.inndag :** 2017.09.05  
 (86) **Int.søknadsnr :** PCT/EP2017/072181  
 (73) **Innehaver:**  
 Technip Energies France, 2126 Boulevard de la Défense  
 Immeuble Origine-Cs 1026692741 Nanterre Cedex, FR-  
 Frankrike  
 (72) **Oppfinner:**  
 RISSEEUW, Izaak Jacobus, c/o 6-8 Allée de L'Arche  
 Faubourg de L'Arche92400 Courbevoie, FR-Frankrike  
 DE JAGER, Johannes Antonie, c/o 6-8 Allée de L'Arche  
 Faubourg de L'Arche92400 Courbevoie, FR-Frankrike  
 WIJNJA, Jelle-Gerard, c/o 6-8 Allée deL'Arche Faubourg  
 de L'Arche92400 Courbevoie, FR-Frankrike  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 METHOD FOR REDUCING NOX EMISSION

(51) **Klasse :** *F24D 3/10 (2006.01)*  
 (87) **EP Publ.nr:** EP3566008  
 (86) **EP søkn.nr:** 17826225.9  
 (86) **EP innl.dag:** 2017.12.20  
 (87) **EP publ.dag:** 2019.11.13  
 (80) **EP meddelt :** 2023.07.12  
 (30) **Prioritet:** 2016.12.22, SE, 1651733  
 (86) **Int.inndag :** 2017.12.20  
 (86) **Int.søknadsnr :** PCT/EP2017/083938  
 (73) **Innehaver:**  
 INNENCO TECHNOLOGY LIMITED, Unit 1411, 14/ Floor,  
 Cosco Tower, 183 Queen's Road Central,Sheung Wan,  
 HK-Hong Kong  
 (72) **Oppfinner:**  
 KARLSSON, Jonathan, Sandgatan 24282 72 Sösdala, SE-  
 Sverige  
 ARNOST, Frantisek, Jaroslava Svehly 146315600 Prag,  
 CZ-Den tsjekkiske republikk  
 (74) **Fullmektig:**  
 Groth & Co KB, Box 6107, 10232 STOCKHOLM, Sverige  
 (54) **Benevnelse:**  
 ENERGY DISTRIBUTION SYSTEM



- (51) **Klasse :** F24F 12/00 (2006.01)  
 F24D 11/02 (2006.01)  
 F24D 19/00 (2006.01)  
 F25B 13/00 (2006.01)  
 F25B 41/40 (2021.01)  
 F25B 47/02 (2006.01)  
 F25B 41/00 (2021.01)
- (87) **EP Publ.nr:** EP3615868  
 (86) **EP søkn.nr:** 18790317.4  
 (86) **EP innl.dag:** 2018.04.23  
 (87) **EP publ.dag:** 2020.03.04  
 (80) **EP meddelt :** 2023.10.04  
 (30) **Prioritet:** 2017.04.28, SE, 1750517  
 (86) **Int.inndag :** 2018.04.23  
 (86) **Int.søknadsnr :** PCT/SE2018/050413  
 (73) **Innehaver:**  
 FläktGroup Sweden AB, Fläktgatan 1551 84 Jönköping,  
 SE-Sverige  
 (72) **Oppfinner:**  
 STAMENKOVIC, Dusan, Polstjärnevägen 43554 64  
 Jönköping, SE-Sverige  
 KRONSTRÖM, Urban, Götgatan 30A573 39 Tranås, SE-  
 Sverige  
 (74) **Fullmektig:**  
 Gotapatent AB, Box 3127, 55003 JÖNKÖPING, Sverige  
 (54) **Benevnelse:**  
 AIR HANDLING SYSTEM WITH PARTIALLY OR  
 COMPLETELY INDIRECT HEAT PUMP AND METHOD  
 TO REDUCE THE DROP OF THE SUPPLY AIR  
 TEMPERATURE IN DEFROST MODE

- (51) **Klasse :** F24F 13/068 (2006.01)
- (87) **EP Publ.nr:** EP3434998  
 (86) **EP søkn.nr:** 18184206.3  
 (86) **EP innl.dag:** 2018.07.18  
 (87) **EP publ.dag:** 2019.01.30  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2017.07.28, CH, 9822017  
 (73) **Innehaver:**  
 kst AG, Schnabelsbergstrasse 258840 Einsiedeln, CH-  
 Sveits  
 (72) **Oppfinner:**  
 SCHÖNBÄCHLER, Beat, Lorenwäldlistrasse 408630 Rüti,  
 CH-Sveits  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 VENTILATION DEVICE

- (51) **Klasse :** F25B 29/00 (2006.01)  
 F24D 3/08 (2006.01)  
 F24D 3/18 (2006.01)  
 F24D 17/02 (2006.01)  
 F24D 19/10 (2006.01)  
 F24F 5/00 (2006.01)  
 F25B 6/04 (2006.01)  
 F25B 40/02 (2006.01)  
 F25B 40/06 (2006.01)  
 F25B 41/00 (2021.01)  
 F25B 41/20 (2021.01)  
 F25B 41/24 (2021.01)  
 F25B 49/02 (2006.01)
- (87) **EP Publ.nr:** EP3764026  
 (86) **EP søkn.nr:** 20185203.5  
 (86) **EP innl.dag:** 2020.07.10  
 (87) **EP publ.dag:** 2021.01.13  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2019.07.10, GB, 201909915  
 (73) **Innehaver:**  
 RooBear Limited, Unit 611, Avenue D, Chapel Wood Thorp  
 Arch Estate Wetherby LS23 7FS, GB-Storbritannia  
 (72) **Oppfinner:**  
 DOWNHAM, Lee, DNM Engineering 611 Avenue D, Thorp  
 Arch Estate, Wetherby, LS23 7FS, GB-Storbritannia  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 HEATING AND COOLING SYSTEMS, AND APPARATUS  
 FOR CONVERSION OF AN EXISTING HEATING  
 SYSTEM AND AN EXISTING REFRIGERATION SYSTEM  
 INTO A HEATING AND COOLING SYSTEM

- (51) **Klasse :** F26B 9/06 (2006.01)  
 F26B 21/02 (2006.01)  
 F26B 21/08 (2006.01)  
 F26B 21/10 (2006.01)  
 F26B 21/12 (2006.01)  
 F26B 25/22 (2006.01)  
 G01N 5/04 (2006.01)
- (87) **EP Publ.nr:** EP3724585  
 (86) **EP søkn.nr:** 19773872.7  
 (86) **EP innl.dag:** 2019.09.30  
 (87) **EP publ.dag:** 2020.10.21  
 (80) **EP meddelt :** 2023.08.16  
 (30) **Prioritet:** 2018.10.04, BE, 201805678  
 (86) **Int.inndag :** 2019.09.30  
 (86) **Int.søknadsnr :** PCT/EP2019/076398  
 (73) **Innehaver:**  
 Cee-Engineering Sprl, Chaussée de Namur 2a1320  
 Hamme-Mille, BE-Belgia  
 (72) **Oppfinner:**  
 BOSMANS, Koen, Chemin Jacotia 131320 Nodebais, BE-  
 Belgia  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 THERMAL TREATMENT APPARATUS

- (51) **Klasse :** *F28D 1/04 (2006.01)*  
*F28B 1/06 (2006.01)*  
*F28D 1/02 (2006.01)*  
*F28D 1/053 (2006.01)*  
*F28F 9/02 (2006.01)*  
*F28F 27/00 (2006.01)*
- (87) **EP Publ.nr:** EP3956619  
(86) **EP søkn.nr:** 20714515.2  
(86) **EP innl.dag:** 2020.03.23  
(87) **EP publ.dag:** 2022.02.23  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.04.18, DE, 102019110237  
(86) **Int.inndag :** 2020.03.23  
(86) **Int.søknadsnr :** PCT/EP2020/057987
- (73) **Innehaver:**  
Güntner GmbH & Co. KG, Hans-Güntner Strasse 2-682256  
Fürstfeldbruck, DE-Tyskland
- (72) **Oppfinner:**  
ERHARD, Alfred, Am Hang 688147 Achberg, DE-Tyskland  
BRENTROP, Hansjörg, Burghaldenstraße 11a3653  
Oberhofen am Thunersee, CH-Sveits
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
HEAT EXCHANGER ARRANGEMENT HAVING AT LEAST  
ONE MULTIPASS HEAT EXCHANGER

- (51) **Klasse :** *F28D 1/047 (2006.01)*  
*F28D 21/00 (2006.01)*  
*F28F 1/08 (2006.01)*  
*F28F 21/06 (2006.01)*  
*H01M 10/643 (2014.01)*  
*H01M 10/6557 (2014.01)*
- (87) **EP Publ.nr:** EP3878044  
(86) **EP søkn.nr:** 19801673.5  
(86) **EP innl.dag:** 2019.10.18  
(87) **EP publ.dag:** 2021.09.15  
(80) **EP meddelt :** 2023.06.28  
(30) **Prioritet:** 2018.11.05, GB, 201818053  
(86) **Int.inndag :** 2019.10.18  
(86) **Int.søknadsnr :** PCT/EP2019/078461
- (73) **Innehaver:**  
XEROTECH LIMITED, 4 CarrowmoneashOranmore H91  
E3TF Galway, IE-Irland
- (72) **Oppfinner:**  
FLANNERY, Barry, 4 Carrowmoneash OranmoreGalway,  
H91 E3TF, IE-Irland
- (74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (54) **Benevnelse:**  
A BATTERY PACK AND A METHOD OF  
MANUFACTURING A BATTERY PACK

- (51) **Klasse :** *F28D 9/00 (2006.01)*  
*C02F 1/46 (2023.01)*  
*F28D 21/00 (2006.01)*  
*F28F 3/00 (2006.01)*
- (87) **EP Publ.nr:** EP3792578  
(86) **EP søkn.nr:** 19197266.0  
(86) **EP innl.dag:** 2019.09.13  
(87) **EP publ.dag:** 2021.03.17  
(80) **EP meddelt :** 2023.08.09
- (73) **Innehaver:**  
Alfa Laval Corporate AB, Box 73221 00 Lund, SE-Sverige
- (72) **Oppfinner:**  
SLOTH, Jonas, Rugagervej 9DK-2300 COPENHAGEN S,  
DK-Danmark
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
HEAT EXCHANGER PLATE AND PLATE HEAT  
EXCHANGER FOR TREATMENT OF A LIQUID FEED

- (51) **Klasse :** *F41A 9/64 (2006.01)*  
*F41A 9/76 (2006.01)*
- (87) **EP Publ.nr:** EP3781893  
(86) **EP søkn.nr:** 19711319.4  
(86) **EP innl.dag:** 2019.03.13  
(87) **EP publ.dag:** 2021.02.24  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2018.04.17, DE, 102018109154  
(86) **Int.inndag :** 2019.03.13  
(86) **Int.søknadsnr :** PCT/EP2019/056297
- (73) **Innehaver:**  
Rheinmetall Waffe Munition GmbH, Heinrich-Ehrhardt-  
Straße 229345 Südheide, DE-Tyskland
- (72) **Oppfinner:**  
BLACHE, Andreas, Humboldtstr. 12a79539 Lörrach, DE-  
Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
VEHICLE COMPRISING AN AUTO-LOADER

- (51) **Klasse :** *F41A 19/70 (2006.01)*
- (87) **EP Publ.nr:** EP3719436  
(86) **EP søkn.nr:** 20163221.3  
(86) **EP innl.dag:** 2020.03.16  
(87) **EP publ.dag:** 2020.10.07  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.04.01, DE, 102019108433
- (73) **Innehaver:**  
Rheinmetall Waffe Munition GmbH, Heinrich-Ehrhardt-  
Straße 229345 Südheide, DE-Tyskland
- (72) **Oppfinner:**  
SCHWIEGER, Florian, c/o Rheinmetall Waffe Munition  
GmbH Heinrich-Ehrhardt-Str. 229345 Unterlüß, DE-  
Tyskland  
BORCHERT, Rüdiger, c/o Rheinmetall Waffe Munition  
GmbH Heinrich-Ehrhardt-Str. 229345 Unterlüß, DE-  
Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
CONTACT BODY, CONTACT NEEDLE, GUN BARREL  
BREECH AND WEAPON WITH BARREL

(51) **Klasse :** *F41C 23/14 (2006.01)*  
 (87) **EP Publ.nr.:** EP3748279  
 (86) **EP søkn.nr.:** 20177315.7  
 (86) **EP innl.dag:** 2020.05.29  
 (87) **EP publ.dag:** 2020.12.09  
 (80) **EP meddelt :** 2023.06.28  
 (30) **Prioritet:** 2019.06.04, IT, 201900007998  
 (73) **Innehaver:**  
 BENELLI ARMI S.p.A., Via della Stazione, 5061029 Urbino  
 (Pesaro), IT-Italia  
 (72) **Oppfinner:**  
 MORETTI, LUIGI, BENELLI ARMI S.P.A. VIA TRENTO  
 20/2225060 COLLEBEATO (BRESCIA), IT-Italia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 GUN STOCK

(51) **Klasse :** *F42B 5/073 (2006.01)*  
*F42B 10/14 (2006.01)*  
*F42B 10/26 (2006.01)*  
*F42B 14/02 (2006.01)*  
 (87) **EP Publ.nr.:** EP3715772  
 (86) **EP søkn.nr.:** 20158973.6  
 (86) **EP innl.dag:** 2020.02.24  
 (87) **EP publ.dag:** 2020.09.30  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2019.03.27, FR, 1903084  
 (73) **Innehaver:**  
 Nexter Munitions, 13 Route de la Minière78034 Versailles  
 Cedex, FR-Frankrike  
 (72) **Oppfinner:**  
 ROY, Richard, C/O Nexter systems / Service Brevets 7  
 route de Guerry - CS9032818023 Bourges, FR-Frankrike  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 HOOD AND PROJECTILE COMPRISING SUCH A HOOD

(51) **Klasse :** *F42C 19/02 (2006.01)*  
*F42C 11/00 (2006.01)*  
*F42C 19/06 (2006.01)*  
*H05K 3/28 (2006.01)*  
 (87) **EP Publ.nr.:** EP3974765  
 (86) **EP søkn.nr.:** 21195436.7  
 (86) **EP innl.dag:** 2021.09.08  
 (87) **EP publ.dag:** 2022.03.30  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2020.09.25, FR, 2009700  
 (73) **Innehaver:**  
 Nexter Munitions, 13 Route de la Minière78000 Versailles,  
 FR-Frankrike  
 (72) **Oppfinner:**  
 PAVIER, Julien, 18023 BOURGES, FR-Frankrike  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 ELECTRONIC WARHEAD FOR PROJECTILE

(51) **Klasse :** *G01F 13/00 (2006.01)*  
*G01F 15/00 (2006.01)*  
*G01F 15/14 (2006.01)*  
*G01F 1/06 (2006.01)*  
*G01F 1/10 (2006.01)*  
*G01F 15/075 (2006.01)*  
 (87) **EP Publ.nr.:** EP3719455  
 (86) **EP søkn.nr.:** 20164477.0  
 (86) **EP innl.dag:** 2020.03.20  
 (87) **EP publ.dag:** 2020.10.07  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2019.04.05, DE, 102019109009  
 (73) **Innehaver:**  
 Collomix GmbH, Daimlerstraße 985080 Gaimersheim, DE-  
 Tyskland  
 (72) **Oppfinner:**  
 Essing, Alexander, Collomix GmbH Rollerstraße 885049  
 Ingolstadt, DE-Tyskland  
 Baumann, Martin, Collomix GmbH Lisztstraße 285080  
 Gaimersheim, DE-Tyskland  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 DOSING DEVICE FOR DISPENSING A  
 PREDETERMINED QUANTITY OF LIQUID, IN  
 PARTICULAR A PREDETERMINED QUANTITY OF  
 WATER

(51) **Klasse :** *G01F 23/00 (2022.01)*  
*F16B 1/00 (2006.01)*  
*F16B 1/02 (2006.01)*  
*F16B 5/12 (2006.01)*  
*F16B 21/09 (2006.01)*  
*G01F 23/38 (2006.01)*  
 (87) **EP Publ.nr.:** EP3566028  
 (86) **EP søkn.nr.:** 18830709.4  
 (86) **EP innl.dag:** 2018.11.11  
 (87) **EP publ.dag:** 2019.11.13  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2018.03.23, US, 201815934049  
 (86) **Int.inndag :** 2018.11.11  
 (86) **Int.søknadsnr :** PCT/US2018/060231  
 (73) **Innehaver:**  
 Rochester Sensors, LLC, 11616 Harry Hines BlvdDallas,  
 TX 75229, US-USA  
 (72) **Oppfinner:**  
 LEASE, Benjamin, 2621 Creekside Place, Flower Mound,  
 Texas 75022, US-USA  
 ROSS, Herbert G., Jr, 140 Fawn Hollow Drive, Argyle, Texas  
 76226, US-USA  
 HRNCIR, Robert, 400 Island Court, Irving, Texas 75060,  
 US-USA  
 (74) **Fullmektig:**  
 DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
 Norge  
 (54) **Benevnelse:**  
 LIQUID LEVEL GAUGE WITH REMOVABLE INDICATOR  
 ASSEMBLY

(51) **Klasse :** *G01K 17/00 (2006.01)*  
*A61J 1/10 (2006.01)*  
*A61J 1/14 (2023.01)*  
*B01L 3/00 (2006.01)*  
*B01L 7/00 (2006.01)*  
*G01N 25/20 (2006.01)*  
*G01N 25/48 (2006.01)*  
*G01N 33/487 (2006.01)*

(87) **EP Publ.nr:** EP3707484  
(86) **EP søkn.nr:** 18785647.1  
(86) **EP innl.dag:** 2018.10.18  
(87) **EP publ.dag:** 2020.09.16  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.11.06, EP, 17200227  
(86) **Int.inndag :** 2018.10.18  
(86) **Int.søknadsnr :** PCT/EP2018/078475  
(73) **Innehaver:**  
Calbact AG, Aeussere Reben 274303 Kaiseraugst, CH-Sveits

(72) **Oppfinner:**  
GÖPFERT, Beat, Lindenstrasse 44402 Frenkendorf, CH-Sveits  
VON TSCHARNER, Vinzenz, Birkenweg 124310 Rheinfelden, CH-Sveits

(74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge

(54) **Benevnelse:**  
CALORIMETER

(51) **Klasse :** *G01N 3/12 (2006.01)*  
*F16L 1/12 (2006.01)*

(87) **EP Publ.nr:** EP3642593  
(86) **EP søkn.nr:** 18734923.8  
(86) **EP innl.dag:** 2018.06.19  
(87) **EP publ.dag:** 2020.04.29  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.06.20, GB, 201709816  
(86) **Int.inndag :** 2018.06.19  
(86) **Int.søknadsnr :** PCT/GB2018/051695  
(73) **Innehaver:**  
VerdErg Pipe Technology Limited, 6 Old London RoadKingston upon Thames, Surrey KT2 6QF, GB-Storbritannia

(72) **Oppfinner:**  
ROBERTS, Peter, c/o VerdErg Pipe Technology Limited 6 Old London RoadKingston upon Thames Surrey KT2 6QF, GB-Storbritannia  
WALKER, Alastair, c/o VerdErg Pipe Technology Limited 6 Old London RoadKingston upon Thames Surrey KT2 6QF, GB-Storbritannia  
HEFFERNAN, Janet, c/o VerdErg Pipe Technology 6 Old London RoadKingston upon Thames Surrey KT2 6QF, GB-Storbritannia

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
METHOD OF DESIGNING A PIPE JOINT FOR USE IN A SUBSEA PIPELINE

(51) **Klasse :** *G01N 15/06 (2006.01)*  
*G01N 15/00 (2006.01)*  
*G01N 21/63 (2006.01)*  
*G01N 21/64 (2006.01)*  
*G01N 21/85 (2006.01)*  
*G01N 33/18 (2006.01)*

(87) **EP Publ.nr:** EP3485260  
(86) **EP søkn.nr:** 17739678.5  
(86) **EP innl.dag:** 2017.07.10  
(87) **EP publ.dag:** 2019.05.22  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2016.07.15, GB, 201612336  
(86) **Int.inndag :** 2017.07.10  
(86) **Int.søknadsnr :** PCT/GB2017/052020  
(73) **Innehaver:**  
Chelsea Technologies Ltd, 55 Central AvenueWest Molesey Surrey KT82QZ, GB-Storbritannia

(72) **Oppfinner:**  
OXBOROUGH, Kevin, c/o Chelsea Technologies Group Ltd 55 Central AvenueWest Molesey Surrey KT8 2QZ, GB-Storbritannia

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
COUNTING PHOTOACTIVE CELLS

(51) **Klasse :** *G01N 21/359 (2014.01)*  
*B07C 5/342 (2006.01)*  
*G01N 21/85 (2006.01)*  
*G01N 21/87 (2006.01)*  
*G01N 33/38 (2006.01)*

(87) **EP Publ.nr:** EP3529593  
(86) **EP søkn.nr:** 17794932.8  
(86) **EP innl.dag:** 2017.10.24  
(87) **EP publ.dag:** 2019.08.28  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2016.10.24, EP, 16195384  
(86) **Int.inndag :** 2017.10.24  
(86) **Int.søknadsnr :** PCT/EP2017/077143  
(73) **Innehaver:**  
TOMRA Sorting GmbH, Otto-Hahn-Str. 656218 Mülheim-Kärlich, DE-Tyskland

(72) **Oppfinner:**  
MADDERSON, Geoffrey, Harold, 407 West Avenue West Square Office Park Unit 7Ferndale, Johannesburg, ZA-Sør-Afrika  
DEHLER, Markus, 128 FeldstrasseWedel, DE-Tyskland

(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge

(54) **Benevnelse:**  
A METHOD AND SYSTEM FOR DETECTING A DIAMOND SIGNATURE

(51) **Klasse :** *G01N 21/43 (2006.01)*  
 (87) **EP Publ.nr:** EP4056989  
 (86) **EP søkn.nr:** 22160931.6  
 (86) **EP innl.dag:** 2022.03.08  
 (87) **EP publ.dag:** 2022.09.14  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2021.03.11, JP, 2021038808  
 (73) **Innehaver:**  
 Yamada Giken Co., Ltd., 5-12, 2-chome Hanando-  
 MinamiFukui City, Fukui 918-8015, JP-Japan  
 (72) **Oppfinner:**  
 MIKAMI, Naoto, Tokyo, JP-Japan  
 SASAKI, Hideo, Tokyo, JP-Japan  
 NAKANO, Yukihiko, Tokyo, JP-Japan  
 SUYA, Yutaka, Fukui City, JP-Japan  
 YAMADA, Takeo, Fukui City, JP-Japan  
 NAKAYAMA, Takayuki, Fukui City, JP-Japan  
 TOKUNAGA, Toru, Fukui City, JP-Japan  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 APPARATUS AND METHOD FOR MEASURING  
 SALINITY

(51) **Klasse :** *G01N 27/90 (2021.01)*  
*B61K 9/10 (2006.01)*  
 (87) **EP Publ.nr:** EP3182112  
 (86) **EP søkn.nr:** 15200192.1  
 (86) **EP innl.dag:** 2015.12.15  
 (87) **EP publ.dag:** 2017.06.21  
 (80) **EP meddelt :** 2023.06.07  
 (73) **Innehaver:**  
 Speno International SA, Route du Nant-d'Avril 941217  
 Meyrin, CH-Sveits  
 (72) **Oppfinner:**  
 PALMIERI, Luca, Avenue Beaulieu 261180 Rolle, CH-  
 Sveits  
 ISELY, Yvan, Avenue William-Fraisse 101006 Lausanne,  
 CH-Sveits  
 CARCHIA, Vittorio, Avenue de Crozet 51219 Châtelaine,  
 CH-Sveits  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 RAIL VEHICULE AND METHOD FOR LOCATING  
 DEFECTS OR IRREGULARITIES ON THE SURFACE OF  
 RAILWAY RAILS

(51) **Klasse :** *G01N 29/04 (2006.01)*  
*G01N 29/22 (2006.01)*  
*G01N 29/26 (2006.01)*  
*G01N 29/265 (2006.01)*  
*G01N 29/28 (2006.01)*  
 (87) **EP Publ.nr:** EP3896441  
 (86) **EP søkn.nr:** 21165693.9  
 (86) **EP innl.dag:** 2021.03.29  
 (87) **EP publ.dag:** 2021.10.20  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2020.04.03, EP, 20315106  
 (73) **Innehaver:**  
 Schlumberger Technology B.V., Parkstraat 83-892514 JG  
 The Hague, NL-Nederland  
 (72) **Oppfinner:**  
 COZON, Jean-Baptiste, 92142 Clamart, FR-Frankrike  
 GUEDES, Orland, 92142 Clamart, FR-Frankrike  
 VAN OS, Roel, 92142 Clamart, FR-Frankrike  
 GUIMONT, Stéphane, 92142 Clamart, FR-Frankrike  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 CIRCULAR DOWNHOLE ULTRASONIC PHASED ARRAY

(51) **Klasse :** *G01N 29/11 (2006.01)*  
*E21B 47/005 (2012.01)*  
*G01N 29/44 (2006.01)*  
*G01V 1/50 (2006.01)*  
 (87) **EP Publ.nr:** EP3552009  
 (86) **EP søkn.nr:** 17878377.5  
 (86) **EP innl.dag:** 2017.12.08  
 (87) **EP publ.dag:** 2019.10.16  
 (80) **EP meddelt :** 2023.08.16  
 (30) **Prioritet:** 2016.12.09, US, 201615374579  
 (86) **Int.inndag :** 2017.12.08  
 (86) **Int.søknadsnr :** PCT/US2017/065225  
 (73) **Innehaver:**  
 Baker Hughes Holdings LLC, 17021 Aldine  
 WestfieldHouston, TX 77073, US-USA  
 (72) **Oppfinner:**  
 MATUSZYK, Pawel Jerzy, 17021 Aldine WestfieldHouston,  
 TX 77073, US-USA  
 PATTERSON, Douglas J., 17021 Aldine WestfieldHouston,  
 TX 77073, US-USA  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 EVALUATION OF PHYSICAL PROPERTIES OF A  
 MATERIAL BEHIND A CASING UTILIZING GUIDED  
 ACOUSTIC WAVES



(51) **Klasse :** *G01N 33/04 (2006.01)*  
*A01J 5/01 (2006.01)*

(87) **EP Publ.nr:** EP3732481

(86) **EP søkn.nr:** 18829514.1

(86) **EP innl.dag:** 2018.12.18

(87) **EP publ.dag:** 2020.11.04

(80) **EP meddelt :** 2023.08.09

(30) **Prioritet:** 2017.12.28, SE, 1751660

(86) **Int.inndag :** 2018.12.18

(86) **Int.søknadsnr :** PCT/SE2018/051335

(73) **Innehaver:**  
DeLaval Holding AB, P.O. Box 39147 21 Tumba, SE-Sverige

(72) **Oppfinner:**  
DALLERUP RASMUSSEN, Claus, c/o: DeLaval International AB P.O. Box 39147 21 Tumba, SE-Sverige  
CARLSEN, Thomas, Nikolai, c/o: DeLaval International AB P.O. Box 39147 21 Tumba, SE-Sverige

(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike

(54) **Benevnelse:**  
CASSETTE FOR BIOMARKER ANALYSIS OF A MILK SAMPLE

(51) **Klasse :** *G01N 33/24 (2006.01)*  
*G01N 22/04 (2006.01)*

(87) **EP Publ.nr:** EP3740754

(86) **EP søkn.nr:** 18782186.3

(86) **EP innl.dag:** 2018.08.27

(87) **EP publ.dag:** 2020.11.25

(80) **EP meddelt :** 2023.06.07

(30) **Prioritet:** 2018.02.28, US, 201815907575

(86) **Int.inndag :** 2018.08.27

(86) **Int.søknadsnr :** PCT/IB2018/056518

(73) **Innehaver:**  
Saudi Arabian Oil Company, 1 Eastern Avenue Dhahran 31311, SA-Saudi Arabia  
King Abdullah University Of Science And Technology, 4700 King Abdullah University Of Science and Technology Thuwal 23955, SA-Saudi Arabia

(72) **Oppfinner:**  
AYUB, Muhammad, P.O. Box 6609 Saudi Aramco Dhahran 31311, SA-Saudi Arabia  
ARSALAN, Muhammad, P.O. Box 8459 Saudi Aramco Dhahran 31311, SA-Saudi Arabia  
KARIMI, Muhammad Akram, Office 3266-WS13 Building 3 KAUST Campus Thuwal 23955, SA-Saudi Arabia  
SHAMIM, Atif, Office 3276 Building 3 KAUST Campus Thuwal 23955, SA-Saudi Arabia

(74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge

(54) **Benevnelse:**  
DETECTING SATURATION LEVELS OF A SAMPLE CORE USING ELECTROMAGNETIC WAVES

(51) **Klasse :** *G01N 37/00 (2006.01)*  
*G01N 1/26 (2006.01)*  
*G01W 1/00 (2006.01)*  
*G08B 21/12 (2006.01)*

(87) **EP Publ.nr:** EP2115479

(86) **EP søkn.nr:** 08706228.7

(86) **EP innl.dag:** 2008.01.16

(87) **EP publ.dag:** 2009.11.11

(80) **EP meddelt :** 2023.06.07

(30) **Prioritet:** 2007.01.16, US, 885172 P

(86) **Int.inndag :** 2008.01.16

(86) **Int.søknadsnr :** PCT/CA2008/000080

(73) **Innehaver:**  
Airdar Inc., 1141-75 Street Edmonton, Alberta T6K 2S4, CA-Canada

(72) **Oppfinner:**  
Prince, Dennis Scott, 1141-75 Street Edmonton, AB T6K 2S4, CA-Canada  
Butler, Terry Dan, 1724-89 Street Edmonton, AB T6K 2A9, CA-Canada

(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge

(54) **Benevnelse:**  
METHOD AND SYSTEM FOR DETECTING AND MONITORING EMISSIONS

(51) **Klasse :** *G01R 33/3415 (2006.01)*  
*E21B 47/00 (2012.01)*  
*E21B 47/13 (2012.01)*  
*G01V 3/14 (2006.01)*  
*G01V 3/18 (2006.01)*  
*G01V 3/32 (2006.01)*  
*G01R 33/38 (2006.01)*  
*G01R 33/44 (2006.01)*

(87) **EP Publ.nr:** EP3478933

(86) **EP søkn.nr:** 16916927.3

(86) **EP innl.dag:** 2016.09.20

(87) **EP publ.dag:** 2019.05.08

(80) **EP meddelt :** 2023.08.16

(86) **Int.inndag :** 2016.09.20

(86) **Int.søknadsnr :** PCT/US2016/052677

(73) **Innehaver:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E. Houston, TX 77032, US-USA

(72) **Oppfinner:**  
CHEN, Songhua, 10102 Stafford Hill Cove Drive Katy, Texas 77494, US-USA  
REIDERMAN, Arcady, 19906 Sky Hollow Lane Katy, Texas 77450, US-USA  
LI, Lilong, 7327 Bearden Falls Lane Humble, Texas 77396, US-USA

(74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia

(54) **Benevnelse:**  
NMR ANTENNA ARRANGEMENT FOR FAST MOVING NMR LOGGING TOOL

(51) **Klasse :** **G02C 7/04 (2006.01)**  
 (87) **EP Publ.nr:** EP3642667  
 (86) **EP søkn.nr:** 18735681.1  
 (86) **EP innl.dag:** 2018.06.15  
 (87) **EP publ.dag:** 2020.04.29  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2017.06.22, FR, 1755684  
 (86) **Int.inndag :** 2018.06.15  
 (86) **Int.søknadsnr :** PCT/FR2018/051431  
 (73) **Innehaver:**  
 Laboratoire Precilens, 25 rue Auguste Perret94000 Creteil,  
 FR-Frankrike  
 Paune Fabre, Jaume, C/Roses 56, 4°, 1a08980 Sant Feliu  
 de Llobregat (Barcelona), ES-Spania  
 (72) **Oppfinner:**  
 PAUNE FABRE, Jaume, C/Roses 56, 4 , 1a08980 Sant  
 Feliu de Llobregat (Barcelona), ES-Spania  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 ORTHOKERATOLOGY CONTACT LENS FOR TREATING  
 MYOPIA

(51) **Klasse :** **G05B 19/418 (2006.01)**  
 (87) **EP Publ.nr:** EP3058428  
 (86) **EP søkn.nr:** 14790535.0  
 (86) **EP innl.dag:** 2014.10.14  
 (87) **EP publ.dag:** 2016.08.24  
 (80) **EP meddelt :** 2023.06.28  
 (30) **Prioritet:** 2013.10.14, DE, 102013111334  
 (86) **Int.inndag :** 2014.10.14  
 (86) **Int.søknadsnr :** PCT/EP2014/072040  
 (73) **Innehaver:**  
 WITRON Logistik + Informatik GmbH, Neustädter Strasse  
 2192711 Parkstein, DE-Tyskland  
 (72) **Oppfinner:**  
 DUNZER, Matthias, Esperngasse 492676 Eschenbach,  
 DE-Tyskland  
 MEISL, Michael, Großklenau 1795643 Tirschenreuth, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 MOBILE SYSTEM CONTROLLER

(51) **Klasse :** **G05D 1/02 (2020.01)**  
 (87) **EP Publ.nr:** EP4057101  
 (86) **EP søkn.nr:** 21192682.9  
 (86) **EP innl.dag:** 2021.08.23  
 (87) **EP publ.dag:** 2022.09.14  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2021.03.11, US, 202117198691  
 (73) **Innehaver:**  
 6 River Systems, LLC, 307 Waverley Oaks Road, Suite  
 405Waltham, MA 02452, US-USA  
 (72) **Oppfinner:**  
 Barabas, James, Ottawa, CA-Canada  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 SYSTEMS AND METHODS FOR AUTONOMOUS  
 VEHICLE OPERATION

(51) **Klasse :** **G05D 1/02 (2020.01)**  
 (87) **EP Publ.nr:** EP4057101  
 (86) **EP søkn.nr:** 21192682.9  
 (86) **EP innl.dag:** 2021.08.23  
 (87) **EP publ.dag:** 2022.09.14  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2021.03.11, US, 202117198691  
 (73) **Innehaver:**  
 6 River Systems, LLC, 307 Waverley Oaks Road, Suite  
 405Waltham, MA 02452, US-USA  
 (72) **Oppfinner:**  
 Barabas, James, Ottawa, CA-Canada  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 SYSTEMS AND METHODS FOR AUTONOMOUS  
 VEHICLE OPERATION

(51) **Klasse :** **G05D 1/12 (2006.01)**  
**F41G 7/36 (2006.01)**  
**F42B 10/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3610219  
 (86) **EP søkn.nr:** 17905480.4  
 (86) **EP innl.dag:** 2017.04.10  
 (87) **EP publ.dag:** 2020.02.19  
 (80) **EP meddelt :** 2023.06.07  
 (86) **Int.inndag :** 2017.04.10  
 (86) **Int.søknadsnr :** PCT/US2017/026775  
 (73) **Innehaver:**  
 BAE SYSTEMS Information and Electronic Systems  
 Integration Inc., P.O. Box 868 NHQ 1-719 65 Spit Brook  
 RoadNashua, NH 03061-0868, US-USA  
 (72) **Oppfinner:**  
 SCHORR, David J., BAE SYSTEMS Information and  
 Electronic Systems Integration Inc. P.O. Box 868 NHQ1-  
 719Nashua, New Hampshire 03061-0868, US-USA  
 BATCHELDER, Jason H., BAE SYSTEMS Information and  
 Electronic Systems Integration Inc. P.O. Box 868 NHQ1-  
 719Nashua, New Hampshire 03061-0868, US-USA  
 GIBSON, Jeremy B., BAE SYSTEMS Information and  
 Electronic Systems Integration Inc. P.O. Box 868 NHQ1-  
 719Nashua, New Hampshire 03061-0868, US-USA  
 STEENSON, JR., James H., BAE SYSTEMS Information  
 and Electronic Systems Integration Inc. P.O. Box 868  
 NHQ1-719Nashua, New Hampshire 03061-0868, US-USA  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 DYNAMIC AUTOPILOT

- (51) **Klasse :** *G06F 3/01 (2006.01)*  
*G06F 1/16 (2006.01)*  
*G06F 3/0346 (2013.01)*  
*G06T 19/00 (2011.01)*  
*H04W 4/02 (2018.01)*
- (87) **EP Publ.nr:** EP3642694  
(86) **EP søkn.nr:** 18703775.9  
(86) **EP innl.dag:** 2018.02.07  
(87) **EP publ.dag:** 2020.04.29  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.06.20, NO, 20171008  
(86) **Int.inndag :** 2018.02.07  
(86) **Int.søknadsnr :** PCT/EP2018/052985  
(73) **Innehaver:**  
Augmenti AS, Innherredsveien 7A7014 TrondheimNorge
- (72) **Oppfinner:**  
GADE, Kenneth, Prost Stabelsvei 4532019  
SkedsmokorsetNorge  
SOLHAUG, Lars Inge, Ranheimsfjæra 1257055  
RanheimNorge
- (74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge
- (54) **Benevnelse:**  
AUGMENTED REALITY SYSTEM AND METHOD OF  
DISPLAYING AN AUGMENTED REALITY IMAGE

- (51) **Klasse :** *G06F 16/51 (2019.01)*  
*G06T 7/00 (2017.01)*  
*G06V 20/80 (2022.01)*  
*G06Q 50/04 (2012.01)*
- (87) **EP Publ.nr:** EP3264363  
(86) **EP søkn.nr:** 16755644.8  
(86) **EP innl.dag:** 2016.02.25  
(87) **EP publ.dag:** 2018.01.03  
(80) **EP meddelt :** 2023.08.23  
(30) **Prioritet:** 2015.02.27, JP, 2015038682  
(86) **Int.inndag :** 2016.02.25  
(86) **Int.søknadsnr :** PCT/JP2016/055681  
(73) **Innehaver:**  
NEC Corporation, 7-1, Shiba 5-chome Minato-kuTokyo  
108-8001, JP-Japan
- (72) **Oppfinner:**  
ISHIYAMA Rui, c/o NEC Corporation 7-1 Shiba 5-chome  
Minato-kuTokyo 108-8001, JP-Japan  
TAKAHASHI Toru, c/o NEC Corporation 7-1 Shiba 5-  
chome Minato-kuTokyo 108-8001, JP-Japan  
KUDO Yuta, c/o NEC Corporation 7-1 Shiba 5-chome  
Minato-kuTokyo 108-8001, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMPARISON SYSTEM, DEVICE, METHOD AND  
PROGRAM

- (51) **Klasse :** *G06F 21/10 (2013.01)*  
*A62C 99/00 (2010.01)*
- (87) **EP Publ.nr:** EP3761195  
(86) **EP søkn.nr:** 19186341.4  
(86) **EP innl.dag:** 2019.07.15  
(87) **EP publ.dag:** 2021.01.06  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2019.07.01, DE, 102019117651  
(73) **Innehaver:**  
Wagner Group GmbH, Schleswigstrasse 1-530853  
Langenhagen, DE-Tyskland
- (72) **Oppfinner:**  
Beckers, Stefan, Weststraße 3a31246 Ilsede, DE-Tyskland  
Henkel, Andreas, Martinstrasse 3a31177 Harsum, DE-  
Tyskland
- (74) **Fullmektig:**  
HAMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
METHOD FOR VERIFYING AN OXYGEN REDUCTION  
PLANT

- (51) **Klasse :** *G06T 7/00 (2017.01)*
- (87) **EP Publ.nr:** EP3783567  
(86) **EP søkn.nr:** 20201944.4  
(86) **EP innl.dag:** 2017.05.11  
(87) **EP publ.dag:** 2021.02.24  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2016.05.13, GB, 201608455  
(73) **Innehaver:**  
Belron International Limited, Milton Park Stroude  
RoadEgham, Surrey TW20 9EL, GB-Storbritannia
- (72) **Oppfinner:**  
HANSEN, Mark, c/o Belron International Ltd Milton Park  
Stroude RoadEgham, Surrey TW20 9EL, GB-Storbritannia  
HALES, Ian, c/o Belron International Ltd Milton Park  
Stroude RoadEgham, Surrey TW20 9EL, GB-Storbritannia  
FAROOQ, Abdul, c/o Belron International Ltd Milton Park  
Stroude RoadEgham, Surrey TW20 9EL, GB-Storbritannia  
SMITH, Melvyn, c/o Belron International Ltd Milton Park  
Stroude RoadEgham, Surrey TW20 9EL, GB-Storbritannia  
DANIEL, Gwen, c/o Belron International Ltd Milton Park  
Stroude RoadEgham, Surrey TW20 9EL, GB-Storbritannia
- (74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland
- (54) **Benevnelse:**  
BREAK ANALYSIS APPARATUS AND METHOD

(51) **Klasse :** *G06V 10/42 (2022.01)*  
*G06V 10/75 (2022.01)*

(87) **EP Publ.nr:** EP3971826

(86) **EP søkn.nr:** 19928843.2

(86) **EP innl.dag:** 2019.05.16

(87) **EP publ.dag:** 2022.03.23

(80) **EP meddelt :** 2023.07.19

(86) **Int.inndag :** 2019.05.16

(86) **Int.søknadsnr :** PCT/JP2019/019532

(73) **Innehaver:**  
NEC Corporation, 7-1, Shiba 5-chome Minato-ku108-8001  
Tokyo, JP-Japan

(72) **Oppfinner:**  
TAKAHASHI, Toru, c/o NEC Corporation, 7-1, Shiba 5-  
chome, Minato- kuTokyo 108-8001, JP-Japan  
ISHIYAMA, Rui, c/o NEC Corporation, 7-1, Shiba 5-chome,  
Minato- kuTokyo 108-8001, JP-Japan  
MAKINO, Kengo, c/o NEC Corporation, 7-1, Shiba 5-  
chome, Minato- kuTokyo 108-8001, JP-Japan  
KUDO, Yuta, c/o NEC Corporation, 7-1, Shiba 5-chome,  
Minato- kuTokyo 108-8001, JP-Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
IMAGE COMPARISON APPARATUS

(51) **Klasse :** *G08B 21/12 (2006.01)*  
*G01N 21/3504 (2014.01)*  
*G01N 21/39 (2006.01)*  
*G01N 33/00 (2006.01)*  
*G08B 17/103 (2006.01)*

(87) **EP Publ.nr:** EP4025905

(86) **EP søkn.nr:** 20757557.2

(86) **EP innl.dag:** 2020.08.12

(87) **EP publ.dag:** 2022.07.13

(80) **EP meddelt :** 2023.06.21

(30) **Prioritet:** 2019.09.02, NO, 20191052

(86) **Int.inndag :** 2020.08.12

(86) **Int.søknadsnr :** PCT/EP2020/072644

(73) **Innehaver:**  
OPTRONICS TECHNOLOGY AS, Nils Hansens Vei  
130667 OsloNorge

(72) **Oppfinner:**  
STORÅS, Preben, Løypeveien 1A0685 OsloNorge  
IRVAM, Lasse, Nygaardsgt. 7A1606 FredrikstadNorge

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
GAS DETECTOR

(51) **Klasse :** *G08B 21/22 (2006.01)*  
*G06Q 10/06 (2023.01)*  
*G06Q 10/10 (2023.01)*  
*G06Q 50/08 (2012.01)*  
*G08B 21/02 (2006.01)*  
*G08B 25/08 (2006.01)*  
*H04W 4/021 (2018.01)*

(87) **EP Publ.nr:** EP3970095

(86) **EP søkn.nr:** 20724841.0

(86) **EP innl.dag:** 2020.05.12

(87) **EP publ.dag:** 2022.03.23

(80) **EP meddelt :** 2023.06.07

(30) **Prioritet:** 2019.05.13, EP, 19461538

(86) **Int.inndag :** 2020.05.12

(86) **Int.søknadsnr :** PCT/EP2020/063241

(73) **Innehaver:**  
Innerweb Spolka Z Ograniczona Odpowiedzialnoscia, ul.  
Michala Grazynskiego 1443-300 Bielsko-Biala, PL-Polen

(72) **Oppfinner:**  
WORECKI, Marcin, ul. Lagodna 15/11343-300 Bielsko-  
Biala, PL-Polen

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
METHOD AND SYSTEM FOR MONITORING COURSE  
OF WORK

(51) **Klasse :** *G09F 3/14 (2006.01)*  
*E05B 73/00 (2006.01)*  
*G06K 7/10 (2006.01)*  
*G06K 19/077 (2006.01)*  
*G06Q 30/06 (2023.01)*  
*G08B 13/24 (2006.01)*  
*G09F 9/37 (2006.01)*

(87) **EP Publ.nr:** EP3593339

(86) **EP søkn.nr:** 18764556.9

(86) **EP innl.dag:** 2018.03.06

(87) **EP publ.dag:** 2020.01.15

(80) **EP meddelt :** 2023.08.09

(30) **Prioritet:** 2017.03.07, FI, 20175209

(86) **Int.inndag :** 2018.03.06

(86) **Int.søknadsnr :** PCT/FI2018/050164

(73) **Innehaver:**  
MariElla Labels Oy, Pohjantähdentie 1701450 Vantaa, FI-  
Finland

(72) **Oppfinner:**  
SUNDHOLM, Göran, Ilmari Kiannon kuja 304310 Tuusula,  
FI-Finland

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
ELECTRONIC PRICE LABEL AND ELECTRONIC PRICE  
LABEL SYSTEM

- (51) **Klasse :** **G21C 9/00 (2006.01)**  
**G21C 13/02 (2006.01)**  
**G21C 13/024 (2006.01)**
- (87) **EP Publ.nr:** EP3977486  
(86) **EP søkn.nr:** 20726061.3  
(86) **EP innl.dag:** 2020.05.13  
(87) **EP publ.dag:** 2022.04.06  
(80) **EP meddelt :** 2023.07.26  
(30) **Prioritet:** 2019.05.24, GB, 201907379  
(86) **Int.inndag :** 2020.05.13  
(86) **Int.søknadsnr :** PCT/EP2020/063267  
(73) **Innehaver:**  
Rolls-Royce SMR Limited, Moor LaneDerby DE24 8BJ,  
GB-Storbritannia
- (72) **Oppfinner:**  
ROBERTSON, Daniel, c/o Rolls-Royce plc PO Box  
31Derby Derbyshire DE24 8BJ, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
PRESSURE-CONTAINING SILO FOR A PRESSURISED  
WATER REACTOR NUCLEAR POWER PLANT

- (51) **Klasse :** **G21G 1/10 (2006.01)**  
**H05H 6/00 (2006.01)**
- (87) **EP Publ.nr:** EP3847675  
(86) **EP søkn.nr:** 19762795.3  
(86) **EP innl.dag:** 2019.09.03  
(87) **EP publ.dag:** 2021.07.14  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2018.09.03, GB, 201814291  
(86) **Int.inndag :** 2019.09.03  
(86) **Int.søknadsnr :** PCT/EP2019/073463  
(73) **Innehaver:**  
Universitetet I Oslo, Boks 1072 Blindern0316 OsloNorge
- (72) **Oppfinner:**  
SCHOULTZ, Bent Wilhelm, Utveien 151433 ÅsNorge  
HENRIKSEN, Gjermund, Hagatjernveien 323050  
MjøndalenNorge
- (74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge
- (54) **Benevnelse:**  
PROCESS FOR THE PRODUCTION OF GALLIUM  
RADIONUCLIDES

- (51) **Klasse :** **H01G 11/32 (2013.01)**  
**E21B 41/00 (2006.01)**  
**H01G 11/58 (2013.01)**  
**H01G 11/78 (2013.01)**  
**H01G 11/84 (2013.01)**
- (87) **EP Publ.nr:** EP2737502  
(86) **EP søkn.nr:** 12817809.2  
(86) **EP innl.dag:** 2012.07.19  
(87) **EP publ.dag:** 2014.06.04  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2011.07.27, US, 201161512090 P  
2011.11.17, US, 201161560888 P  
2011.12.09, US, 201161569010 P  
2012.02.24, US, 201261602713 P  
2012.04.02, US, 201261619203 P  
2012.07.09, WO, PCT/US12/045994
- (86) **Int.inndag :** 2012.07.19  
(86) **Int.søknadsnr :** PCT/US2012/047474  
(73) **Innehaver:**  
Fastcap Systems Corporation, 7 Audubon Road, Suite  
100Wakefield, MA 01880, US-USA
- (72) **Oppfinner:**  
SIGNORELLI, Riccardo, 1 Park Lane, Apt. 816Boston, MA  
02210, US-USA  
COOLEY, John Jacob, 37 P Street, Unit 5Boston, MA  
02129, US-USA  
DEANE, Christopher John Sibbald, 174 Bowen Street, Apt.  
3Boston, MA 02127, US-USA  
EPSTEIN, James, 138 East StreetSharon, MA 02067, US-  
USA  
KUTTIPILLAI, Padmanaban Sashtan, 16 Crescent Road,  
Apt.1621AEast Lansing, MI 48823, US-USA  
MARTINI, Fabrizio, 249 K Street, Unit BBoston, MA 02127,  
US-USA  
LANE, Joseph, 60 Bishop Allen Drive, Apartment  
6Cambridge, MA 02139, US-USA
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
POWER SUPPLY FOR DOWNHOLE INSTRUMENTS

- (51) **Klasse :** **H01G 11/58 (2013.01)**  
**H01G 11/62 (2013.01)**  
**H01M 10/056 (2010.01)**
- (87) **EP Publ.nr:** EP3896710  
(86) **EP søkn.nr:** 18905900.9  
(86) **EP innl.dag:** 2018.12.14  
(87) **EP publ.dag:** 2021.10.20  
(80) **EP meddelt :** 2023.07.05  
(86) **Int.inndag :** 2018.12.14  
(86) **Int.søknadsnr :** PCT/IB2018/001607  
(73) **Innehaver:**  
Geyser Batteries Oy, Maria 01, Lapinlahdenkatu 1600180  
Helsinki, FI-Finland
- (72) **Oppfinner:**  
BELYAKOV, Aleksey Ivanovich, ul. Mirnaya, 40, kv. 4  
g.Kursk, 305004, RU-Russland  
KHODYREVSAYA, Nlya Vasilievna, ul. Mendeleeva, 18,  
kv. 3 g.Kursk, 305026, RU-Russland  
ZVYAGINTSEV, Mikhail Serafimovich, prospekt  
Entuziastov, 2a, kv. 131 g.Kursk, 305048, RU-Russland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ELECTROCHEMICAL DEVICE FOR STORING ENERGY



(51) **Klasse :** *H01M 6/52 (2006.01)*  
*H01M 10/54 (2006.01)*

(87) **EP Publ.nr:** EP3948994  
 (86) **EP søkn.nr:** 20724145.6  
 (86) **EP innl.dag:** 2020.05.12  
 (87) **EP publ.dag:** 2022.02.09  
 (80) **EP meddelt :** 2023.08.02  
 (30) **Prioritet:** 2019.05.15, FR, 1905070  
 (86) **Int.inndag :** 2020.05.12  
 (86) **Int.søknadsnr :** PCT/EP2020/063204  
 (73) **Innehaver:**  
 Commissariat à l'énergie atomique et aux énergies  
 alternatives, Bâtiment le Ponant 25, rue Leblanc75015  
 Paris, FR-Frankrike

(72) **Oppfinner:**  
 BILLY, Emmanuel, CEA GRENOBLE 17 rue des  
 Martyrs38054 GRENOBLE CEDEX 09, FR-Frankrike

(74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
 METHOD FOR NEUTRALIZING AN ELECTROCHEMICAL  
 GENERATOR

(51) **Klasse :** *H01M 8/0226 (2016.01)*  
*H01M 8/0213 (2016.01)*  
*H01M 8/0221 (2016.01)*  
*H01M 8/10 (2016.01)*

(87) **EP Publ.nr:** EP3528326  
 (86) **EP søkn.nr:** 17860365.0  
 (86) **EP innl.dag:** 2017.09.21  
 (87) **EP publ.dag:** 2019.08.21  
 (80) **EP meddelt :** 2023.08.09  
 (30) **Prioritet:** 2016.10.14, JP, 2016202598  
 (86) **Int.inndag :** 2017.09.21  
 (86) **Int.søknadsnr :** PCT/JP2017/034032  
 (73) **Innehaver:**  
 Nisshinbo Chemical Inc., 2-31-11 Ningyo-cho Nihonbashi  
 Chuo-kuTokyo 103-8650, JP-Japan

(72) **Oppfinner:**  
 TANNO Fumio, c/o Nisshinbo Chemical Inc. 1-4-1 Onodai  
 Midori-kuChiba-city Chiba 267-0056, JP-Japan  
 NAKAGAWA Yasuhito, c/o Nisshinbo Chemical Inc. 1-4-1  
 Onodai Midori-kuChiba-city Chiba 267-0056, JP-Japan

(74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
 RESIN COMPOSITION FOR DENSE FUEL CELL  
 SEPARATORS

(51) **Klasse :** *H01M 8/0662 (2016.01)*  
*B01D 46/00 (2022.01)*  
*H01M 8/0668 (2016.01)*  
*H01M 8/1018 (2016.01)*  
*H01M 8/10 (2016.01)*

(87) **EP Publ.nr:** EP3948997  
 (86) **EP søkn.nr:** 20725424.4  
 (86) **EP innl.dag:** 2020.04.23  
 (87) **EP publ.dag:** 2022.02.09  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2019.04.26, DE, 102019206009  
 (86) **Int.inndag :** 2020.04.23  
 (86) **Int.søknadsnr :** PCT/EP2020/061325  
 (73) **Innehaver:**  
 Siemens Mobility GmbH, Otto-Hahn-Ring 681739  
 München, DE-Tyskland

(72) **Oppfinner:**  
 ANTRACK, Markus, Heydaer Str. 5401589 Riesa, DE-  
 Tyskland  
 PEYMANDAR, De-Niang Maria, Braugasse 1091468  
 Gutenstetten, DE-Tyskland

(74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge

(54) **Benevnelse:**  
 DIAGNOSTIC SYSTEM FOR CONDITION-BASED  
 MAINTENANCE OF FUEL CELL FILTERS

- (51) **Klasse :** *H01M 8/1097 (2016.01)*  
*H01M 8/00 (2016.01)*  
*H01M 8/0202 (2016.01)*  
*H01M 8/0271 (2016.01)*  
*H01M 8/12 (2016.01)*  
*H01M 8/124 (2016.01)*  
*H01M 8/2404 (2016.01)*  
*H01M 8/2418 (2016.01)*  
*H01M 8/2425 (2016.01)*  
*H01M 8/2432 (2016.01)*
- (87) **EP Publ.nr:** EP3669414  
(86) **EP søkn.nr:** 18758701.9  
(86) **EP innl.dag:** 2018.08.13  
(87) **EP publ.dag:** 2020.06.24  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2017.08.16, GB, 201713140  
(86) **Int.inndag :** 2018.08.13  
(86) **Int.søknadsnr :** PCT/GB2018/052295  
(73) **Innehaver:**  
Ceres Intellectual Property Company Limited, Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia
- (72) **Oppfinner:**  
BALLARD, Andrew, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia  
DOMANSKI, Tomasz, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia  
TUNBRIDGE, Jonathan, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia  
HARMAN, Jon, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia  
ROBERTSON, Alan, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia  
DUARTE, Diana, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia  
BRUNTON, Adam, Ceres Intellectual Property Company Limited Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
METAL SUPPORTED SOLID OXIDE FUEL CELL UNIT AND ITS METHOD OF MANUFACTURE

- (51) **Klasse :** *H01M 8/1286 (2016.01)*  
*H01M 8/0232 (2016.01)*  
*H01M 8/0273 (2016.01)*  
*H01M 8/0282 (2016.01)*  
*H01M 8/124 (2016.01)*  
*H01M 8/126 (2016.01)*  
*H01M 8/12 (2016.01)*
- (87) **EP Publ.nr:** EP3427323  
(86) **EP søkn.nr:** 17711269.5  
(86) **EP innl.dag:** 2017.03.08  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2016.03.09, GB, 201604044  
(86) **Int.inndag :** 2017.03.08  
(86) **Int.søknadsnr :** PCT/GB2017/050622  
(73) **Innehaver:**  
Ceres Intellectual Property Company Limited, Viking House Foundry Lane Horsham West Sussex RH13 5PX, GB-Storbritannia
- (72) **Oppfinner:**  
BONE, Adam, c/o Ceres Intellectual Property Co. Ltd Viking House Foundry Lane Horsham Sussex RH13 5PX, GB-Storbritannia  
LEAH, Robert, c/o Ceres Intellectual Property Co. Ltd Viking House Foundry Lane Horsham Sussex RH13 5PX, GB-Storbritannia  
MUKERJEE, Subhasish, c/o Ceres Intellectual Property Co. Ltd Viking House Foundry Lane Horsham Sussex RH13 5PX, GB-Storbritannia  
RAHMAN, Mahfujur, c/o Ceres Intellectual Property Co. Ltd Viking House Foundry Lane Horsham Sussex RH13 5PX, GB-Storbritannia  
SELCUK, Ahmet, c/o Ceres Intellectual Property Co. Ltd Viking House Foundry Lane Horsham Sussex RH13 5PX, GB-Storbritannia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
FUEL CELL

- (51) **Klasse :** *H01M 10/04 (2006.01)*  
*H01M 10/0587 (2010.01)*  
*H01M 50/103 (2021.01)*  
*H01M 50/463 (2021.01)*
- (87) **EP Publ.nr:** EP3509124  
(86) **EP søkn.nr:** 18188341.4  
(86) **EP innl.dag:** 2018.08.09  
(87) **EP publ.dag:** 2019.07.10  
(80) **EP meddelt :** 2023.07.19  
(30) **Prioritet:** 2018.01.03, CN, 201810004917  
(73) **Innehaver:**  
Contemporary Amperex Technology Co., Limited, 2 Xingang Road, Zhangwan Town Jiaocheng District Ningde, Fujian 352100, CN-Kina
- (72) **Oppfinner:**  
LI, Xiang, Contemporary Amperex Technology Co., Limited No. 2, Xingang Road, Zhangwan Town, Jiaocheng District, Ningde City, Fujian Province 352100, CN-Kina
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
INSULATION PLATE FOR SECONDARY BATTERY, SECONDARY BATTERY, AND VEHICLE

- (51) **Klasse :** *H01M 10/44 (2006.01)*  
*H01M 4/134 (2010.01)*  
*H01M 4/58 (2010.01)*  
*H01M 10/052 (2010.01)*  
*H01M 4/04 (2006.01)*  
*H01M 4/136 (2010.01)*  
*H02J 7/00 (2006.01)*
- (87) **EP Publ.nr:** EP3132490  
(86) **EP søkn.nr:** 15779476.9  
(86) **EP innl.dag:** 2015.04.14  
(87) **EP publ.dag:** 2017.02.22  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2014.04.15, US, 201461979823 P  
(86) **Int.inndag :** 2015.04.14  
(86) **Int.søknadsnr :** PCT/CA2015/050306  
(73) **Innehaver:**  
Hydro-Québec, 75 René-Lévesque Blvd. WestMontréal,  
QC H2Z 1A4, CA-Canada
- (72) **Oppfinner:**  
ZAGHIB, Karim, 3672 Rue BelcourtLongueuil, Québec J4M  
2M7, CA-Canada  
KIM, Chisu, 15 Boulevard La FayetteLongueuil, Québec  
J4K 0B2, CA-Canada  
GUERFI, Abdelbast, 8655 Boulevard RivardBrossard,  
Québec J4X 1W2, CA-Canada  
CHO, Myunghun, 6 Avenue Argyle Appartement 300St-  
Lambert, Québec J4P 2H5, CA-Canada
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR THE ELECTROCHEMICAL  
CHARGING/DISCHARGING OF A LITHIUM-SULPHUR  
(LI-S) BATTERY AND DEVICE USING SAID METHOD

- (51) **Klasse :** *H01M 10/54 (2006.01)*  
*C22B 1/00 (2006.01)*  
*C22B 7/00 (2006.01)*  
*C22B 15/00 (2006.01)*  
*C22B 21/00 (2006.01)*  
*C22B 23/02 (2006.01)*
- (87) **EP Publ.nr:** EP3836288  
(86) **EP søkn.nr:** 19215583.6  
(86) **EP innl.dag:** 2019.12.12  
(87) **EP publ.dag:** 2021.06.16  
(80) **EP meddelt :** 2023.08.02  
(73) **Innehaver:**  
Dowa Eco-System Co., Ltd., 14-1, Sotokanda 4-chome,  
Chiyoda-kuTokyo 101-0021, JP-Japan
- (72) **Oppfinner:**  
NISHIKAWA, Chihiro, c/o DOWA ECO-SYSTEM CO., LTD.  
14-1, Sotokanda 4-chome, Chiyoda-kuTokyo, 101-0021,  
JP-Japan  
HONMA, Yoshihiro, c/o DOWA ECO-SYSTEM CO., LTD.  
14-1, Sotokanda 4-chome, Chiyoda-kuTokyo, 101-0021,  
JP-Japan  
NAKAJIMA, Norio, c/o DOWA ECO-SYSTEM CO., LTD.  
14-1, Sotokanda 4-chome, Chiyoda-kuTokyo, 101-0021,  
JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR RECOVERING VALUABLE MATERIAL  
FROM LITHIUM ION SECONDARY BATTERY

- (51) **Klasse :** *H01M 50/209 (2021.01)*  
*H01M 50/264 (2021.01)*  
*H01M 50/289 (2021.01)*  
*H01M 50/291 (2021.01)*  
*H01M 50/293 (2021.01)*  
*H01M 50/593 (2021.01)*  
*H01M 50/691 (2021.01)*  
*H01M 50/278 (2021.01)*  
*H01M 50/296 (2021.01)*
- (87) **EP Publ.nr:** EP3890049  
(86) **EP søkn.nr:** 19890327.0  
(86) **EP innl.dag:** 2019.09.27  
(87) **EP publ.dag:** 2021.10.06  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2018.11.28, JP, 2018222206  
(86) **Int.inndag :** 2019.09.27  
(86) **Int.søknadsnr :** PCT/JP2019/038299  
(73) **Innehaver:**  
SANYO Electric Co., Ltd., 1-1, Sanyo-choDaito-shi Osaka  
574-8534, JP-Japan
- (72) **Oppfinner:**  
EGASHIRA, Takuya, c/o Panasonic Intellectual Property  
Management Co., Ltd. 1-61, Shiromi 2-chome Chuoku  
Osaka-shi, Osaka 540-6207, JP-Japan  
TAKATA, Hiroshi, c/o Panasonic Intellectual Property  
Management Co., Ltd. 1-61, Shiromi 2-chome Chuoku  
Osaka-shi, Osaka 540-6207, JP-Japan  
HARAZUKA, Kazuhiro, c/o Panasonic Intellectual Property  
Management Co., Ltd. 1-61, Shiromi 2-chome Chuoku  
Osaka-shi, Osaka 540-6207, JP-Japan
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
BATTERY MODULE

- (51) **Klasse :** *H01M 50/403 (2021.01)*  
*H01M 10/0525 (2010.01)*  
*H01M 50/417 (2021.01)*
- (87) **EP Publ.nr:** EP3428996  
(86) **EP søkn.nr:** 17762417.8  
(86) **EP innl.dag:** 2017.02.08  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2016.03.07, CN, 201610127268  
(86) **Int.inndag :** 2017.02.08  
(86) **Int.søknadsnr :** PCT/CN2017/073087  
(73) **Innehaver:**  
Shanghai Energy New Materials Technology Co., Ltd., No.  
155 Nanlu Road Pudong New DistrictShanghai 201399,  
CN-Kina
- (72) **Oppfinner:**  
CHENG, Alex, No. 155 Nanlu Road Pudong New  
DistrictShanghai 201399, CN-Kina  
SU, Xiaoming, No. 155 Nanlu Road Pudong New  
DistrictShanghai 201399, CN-Kina  
WANG, Weiqiang, No. 155 Nanlu Road Pudong New  
DistrictShanghai 201399, CN-Kina  
HE, Fangbo, No. 155 Nanlu Road Pudong New  
DistrictShanghai 201399, CN-Kina  
CHEN, Yongle, No. 155 Nanlu Road Pudong New  
DistrictShanghai 201399, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR PREPARING LITHIUM-ION BATTERY  
SEPARATOR

- (51) **Klasse :** *H01Q 1/12 (2006.01)*  
*H01Q 3/08 (2006.01)*  
*H01Q 3/26 (2006.01)*
- (87) **EP Publ.nr:** EP3422469  
(86) **EP søkn.nr:** 18180195.2  
(86) **EP innl.dag:** 2018.06.27  
(87) **EP publ.dag:** 2019.01.02  
(80) **EP meddelt :** 2023.07.05  
(30) **Prioritet:** 2017.06.27, FR, 1700688  
(73) **Innehaver:**  
THALES, TOUR CARPE DIEM Place des Corolles  
Esplanade Nord92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
PRIVAT, Eric, Thales Communications & Security S.A.S. 4,  
avenue des Louvresses92622 GENNEVILLIERS CEDEX,  
FR-Frankrike  
TOURET, Marc, Thales Communications & Security S.A.S.  
4 Avenue des Louvresses92622 GENNEVILLIERS  
CEDEX, FR-Frankrike  
HAMMOUDI, Mehdi, Thales Communications & Security  
S.A.S. 4, avenue des Louvresses92622 GENNEVILLIERS  
CEDEX, FR-Frankrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR AIMING AN ACTIVE ANTENNA,  
ASSOCIATED CONTROL DEVICE AND ACTIVE  
ANTENNA

- (51) **Klasse :** *H01Q 1/38 (2006.01)*  
*H01Q 5/35 (2015.01)*  
*H01Q 9/04 (2006.01)*  
*H01Q 13/10 (2006.01)*
- (87) **EP Publ.nr:** EP3596778  
(86) **EP søkn.nr:** 18711318.8  
(86) **EP innl.dag:** 2018.03.14  
(87) **EP publ.dag:** 2020.01.22  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2017.03.15, NO, 20170411  
(86) **Int.inndag :** 2018.03.14  
(86) **Int.søknadsnr :** PCT/EP2018/056337  
(73) **Innehaver:**  
Norbit Its, Postboks 1858 Lade7440 TrondheimNorge
- (72) **Oppfinner:**  
KIRKNES, Steffen, Hansbakken 167055 RanheimNorge
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PATCH ANTENNA FEED

- (51) **Klasse :** *H02G 3/38 (2006.01)*  
*A47B 21/06 (2006.01)*  
*F16L 3/10 (2006.01)*  
*F16L 3/24 (2006.01)*  
*H01R 25/00 (2006.01)*  
*H01R 25/14 (2006.01)*  
*H01R 25/16 (2006.01)*  
*H02B 1/052 (2006.01)*  
*H02G 3/12 (2006.01)*  
*H02G 3/04 (2006.01)*  
*H02G 3/10 (2006.01)*
- (87) **EP Publ.nr:** EP3764494  
(86) **EP søkn.nr:** 19382582.5  
(86) **EP innl.dag:** 2019.07.09  
(87) **EP publ.dag:** 2021.01.13  
(80) **EP meddelt :** 2022.11.02  
(73) **Innehaver:**  
Schneider Electric España, S.A., Bac de Roda, 52, Edificio  
A08019 Barcelona, ES-Spania
- (72) **Oppfinner:**  
REBOLÉ OLLETA, JOSE ANTONIO, Carretera Pamplona-  
Logroño, s/n31100 PUENTE LA REINA (NAVARRA), ES-  
Spania  
DELOY, JONATHAN DAMIEN, 31 rue Pierre Mendès  
France38320 Eybens (Isere), FR-Frankrike  
DENISE TROCIN, MAEVA MICHELE, Carretera  
Pamplona-Logroño, s/n31100 PUENTE LA REINA  
(NAVARRA), ES-Spania  
IBARRA ROMERO, PEIO, Carretera Pamplona-Logroño,  
s/n31100 PUENTE LA REINA (NAVARRA), ES-Spania
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DEVICE FOR ATTACHING AN ELECTRICAL POWER  
AND/OR DATA SUPPLY ASSEMBLY ON A RAIL.

- (51) **Klasse :** *H02J 3/28 (2006.01)*  
*H02J 3/38 (2006.01)*  
*H02J 15/00 (2006.01)*
- (87) **EP Publ.nr:** EP4140006  
(86) **EP søkn.nr:** 21731420.2  
(86) **EP innl.dag:** 2021.06.02  
(87) **EP publ.dag:** 2023.03.01  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2020.06.15, DE, 102020115711  
(86) **Int.inndag :** 2021.06.02  
(86) **Int.søknadsnr :** PCT/EP2021/064727  
(73) **Innehaver:**  
thyssenkrupp nucera AG & Co. KGaA, Vosskuhle 38  
Harpen44141 Dortmund, DE-Tyskland
- (72) **Oppfinner:**  
TSIKLIOS, Christos, 45147 Essen, DE-Tyskland  
BÜRKIN, Cornelia, 44137 Dortmund, DE-Tyskland  
POLCYN, Gregor Damian, 44225 Dortmund, DE-Tyskland  
LÜKE, Lukas, 44141 Dortmund, DE-Tyskland  
TOROS, Peter, 45326 Essen, DE-Tyskland  
FEDERICO, Fulvio, 29100 Piacenza, IT-Italia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR ON-DEMAND CLOSED-LOOP CONTROL  
OF AN ELECTROCHEMICAL PLANT

(51) **Klasse :** *H02S 20/21 (2014.01)*  
 (87) **EP Publ.nr:** EP3853995  
 (86) **EP søkn.nr:** 19786262.6  
 (86) **EP innl.dag:** 2019.09.19  
 (87) **EP publ.dag:** 2021.07.28  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2018.09.19, AT, 508012018  
 (86) **Int.inndag :** 2019.09.19  
 (86) **Int.søknadsnr :** PCT/AT2019/060309  
 (73) **Innehaver:**  
 WAKONIG, Martin, Bellevuestrasse 36a1190 Wien, AT-Østerrike  
 (72) **Oppfinner:**  
 WAKONIG, Martin, Bellevuestrasse 36a1190 Wien, AT-Østerrike  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 WALL ELEMENT

(51) **Klasse :** *H02S 20/23 (2014.01)*  
*H02S 30/00 (2014.01)*  
 (87) **EP Publ.nr:** EP3913794  
 (86) **EP søkn.nr:** 21174481.8  
 (86) **EP innl.dag:** 2021.05.18  
 (87) **EP publ.dag:** 2021.11.24  
 (80) **EP meddelt :** 2023.07.05  
 (30) **Prioritet:** 2020.05.20, FR, 2005354  
 (73) **Innehaver:**  
 Dome Solar, 3, rue Marie Anderson44400 Rezé, FR-Frankrike  
 (72) **Oppfinner:**  
 DELZENNE, Gauthier, 17137 NIEUL SUR MER, FR-Frankrike  
 (74) **Fullmektig:**  
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia  
 (54) **Benevnelse:**  
 SUPPORT FOR THE FRAME OF A PHOTOVOLTAIC PANEL, CORRESPONDING ASSEMBLY, INSTALLATION AND ASSEMBLY METHOD

(51) **Klasse :** *H02S 20/23 (2014.01)*  
*E04D 13/10 (2006.01)*  
*H02S 40/00 (2014.01)*  
 (87) **EP Publ.nr:** EP3985864  
 (86) **EP søkn.nr:** 21170739.3  
 (86) **EP innl.dag:** 2021.04.27  
 (87) **EP publ.dag:** 2022.04.20  
 (80) **EP meddelt :** 2023.07.12  
 (30) **Prioritet:** 2020.10.19, CH, 13422020  
 (73) **Innehaver:**  
 Apak, Yavuz, Via F. Borromini 26500 Bellinzona, CH-Sveits  
 (72) **Oppfinner:**  
 Apak, Yavuz, Via F. Borromini 26500 Bellinzona, CH-Sveits  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 SNOW HOOK FOR SOLAR PANELS

(51) **Klasse :** *H04L 12/28 (2006.01)*  
*H04L 12/40 (2006.01)*  
 (87) **EP Publ.nr:** EP4040736  
 (86) **EP søkn.nr:** 21155818.4  
 (86) **EP innl.dag:** 2021.02.08  
 (87) **EP publ.dag:** 2022.08.10  
 (80) **EP meddelt :** 2023.08.09  
 (73) **Innehaver:**  
 ise Individuelle Software und Elektronik GmbH, Osterstraße 1526122 Oldenburg, DE-Tyskland  
 (72) **Oppfinner:**  
 Sahm, Christoph, 26131 Oldenburg, DE-Tyskland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 SYSTEM, DEVICE AND METHOD FOR TRANSMITTING DATA BETWEEN TWO NETWORKS

(51) **Klasse :** *H04L 12/46 (2006.01)*  
 (87) **EP Publ.nr:** EP3926895  
 (86) **EP søkn.nr:** 20186165.5  
 (86) **EP innl.dag:** 2020.07.16  
 (87) **EP publ.dag:** 2021.12.22  
 (80) **EP meddelt :** 2023.06.07  
 (30) **Prioritet:** 2020.06.15, US, 202016901224  
 (73) **Innehaver:**  
 Moxa Inc., 13F, No. 3, Sec. 4, New Taipei Blvd. Xinzhuang Dist.New Taipei City 242, TW-Taiwan  
 (72) **Oppfinner:**  
 LIU, Chi-Chuan, New Taipei City, TW-Taiwan  
 LIN, Chun-Yu, New Taipei City, TW-Taiwan  
 LAI, Chien-Yu, New Taipei City, TW-Taiwan  
 LIAO, Wen-Lu, New Taipei City, TW-Taiwan  
 (74) **Fullmektig:**  
 AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge  
 (54) **Benevnelse:**  
 APPARATUS AND METHODS FOR ROUTING PACKETS BETWEEN A TIME-SENSITIVE NETWORKING (TSN) NETWORK AND A NON-TSN NETWORK BY VIRTUAL LOCAL AREA NETWORK (VLAN) TAG MANIPULATION

(51) **Klasse :** *H04N 19/13 (2014.01)*  
*H04N 19/139 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/91 (2014.01)*  
*H04N 19/96 (2014.01)*  
 (87) **EP Publ.nr:** EP3998775  
 (86) **EP søkn.nr:** 21183815.6  
 (86) **EP innl.dag:** 2010.05.27  
 (87) **EP publ.dag:** 2022.05.18  
 (80) **EP meddelt :** 2023.08.02  
 (30) **Prioritet:** 2009.05.29, JP, 2009130433  
 (73) **Innehaver:**  
 MITSUBISHI ELECTRIC CORPORATION, 7-3, Marunouchi 2-chomeChiyoda-ku Tokyo 100-8310, JP-Japan  
 (72) **Oppfinner:**  
 SEKIGUCHI, Shunichi, Tokyo, 100-8310, JP-Japan  
 SUGIMOTO, Kazuo, Tokyo 100-8310, JP-Japan  
 ITANI, Yusuke, Tokyo, 100-8310, JP-Japan  
 MINEZAWA, Akira, Tokyo, 100-8310, JP-Japan  
 KATO, Yoshiaki, Tokyo, 100-8310, JP-Japan  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD



(51) **Klasse :** *H04N 19/436 (2014.01)*  
*H04N 19/70 (2014.01)*

(87) **EP Publ.nr.:** EP2805488  
(86) **EP søkn.nr.:** 12809552.8  
(86) **EP innl.dag:** 2012.12.19  
(87) **EP publ.dag:** 2014.11.26  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2012.01.18, US, 201261588096 P  
2012.12.18, US, 201213718883

(86) **Int.inndag :** 2012.12.19  
(86) **Int.søknadsnr :** PCT/US2012/070680  
(73) **Innehaver:**  
Qualcomm Incorporated, 5775 Morehouse DriveSan Diego,  
CA 92121-1714, US-USA

(72) **Oppfinner:**  
WANG, Ye-Kui, 5775 Morehouse DriveSan Diego,  
California 92121, US-USA  
COBAN, Muhammed Zeyd, 5775 Morehouse DriveSan  
Diego, California 92121, US-USA

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
INDICATION OF USE OF WAVEFRONT PARALLEL  
PROCESSING IN VIDEO CODING

(51) **Klasse :** *H04N 19/50 (2014.01)*  
*H04N 19/124 (2014.01)*  
*H04N 19/129 (2014.01)*  
*H04N 19/13 (2014.01)*  
*H04N 19/136 (2014.01)*  
*H04N 19/139 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/18 (2014.01)*  
*H04N 19/46 (2014.01)*  
*H04N 19/51 (2014.01)*  
*H04N 19/59 (2014.01)*  
*H04N 19/61 (2014.01)*  
*H04N 19/70 (2014.01)*  
*H04N 19/91 (2014.01)*

(87) **EP Publ.nr.:** EP3435674  
(86) **EP søkn.nr.:** 18195954.5  
(86) **EP innl.dag:** 2011.04.11  
(87) **EP publ.dag:** 2019.01.30  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2010.04.13, EP, 10159766  
2010.04.13, WO, PCT/EP10/054822

(73) **Innehaver:**  
GE Video Compression, LLC, 1 Research CircleNiskayuna,  
NY 12309, US-USA

(72) **Oppfinner:**  
KIRCHHOFFER, Heiner, Stephanstrasse 1910559 Berlin,  
DE-Tyskland  
SCHWARZ, Heiko, Bebelstraße 2416341 Panketal, DE-  
Tyskland  
NGUYEN, Tung, Robert-Uhrig-Straße 4A10315 Berlin, DE-  
Tyskland  
MARPE, Detlev, Fünf Morgen 12A/B14195 Berlin, DE-  
Tyskland  
WIEGAND, Thomas, Otto-Appel-Straße 5214195 Berlin,  
DE-Tyskland

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(54) **Benevnelse:**  
CODING OF SIGNIFICANCE MAPS AND TRANSFORM  
COEFFICIENT BLOCKS

(51) **Klasse :** *H04N 19/597 (2014.01)*  
*H04N 19/70 (2014.01)*

(87) **EP Publ.nr.:** ep3925213  
(86) **EP søkn.nr.:** 20771048.4  
(86) **EP innl.dag:** 2020.03.11  
(87) **EP publ.dag:** 2021.12.22  
(80) **EP meddelt :** 2023.09.20  
(30) **Prioritet:** 2019.03.11, US, 201962816749 P  
2019.04.10, US, 201962832132 P

(86) **Int.inndag :** 2020.03.11  
(86) **Int.søknadsnr :** PCT/US2020/022137  
(73) **Innehaver:**  
Huawei Technologies Co., Ltd., Huawei Administration  
Building BantianLonggang District Shenzhen Guangdong  
518129, CN-Kina

(72) **Oppfinner:**  
WANG, Ye-Kui, 6264 Sunrose Crest WaySan Diego,  
California 92130, US-USA  
HENDRY, Fnu, 8584 Foxcroft PlaceSan Diego, California  
92129, US-USA

(74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark

(54) **Benevnelse:**  
MIXED NAL UNIT TYPE PICTURE CONSTRAINTS

(51) **Klasse :** *H04W 76/19 (2018.01)*  
*H04W 36/00 (2009.01)*

(87) **EP Publ.nr.:** EP4158992  
(86) **EP søkn.nr.:** 21729666.4  
(86) **EP innl.dag:** 2021.05.26  
(87) **EP publ.dag:** 2023.04.05  
(80) **EP meddelt :** 2023.08.02  
(30) **Prioritet:** 2020.05.26, US, 202063030022 P

(86) **Int.inndag :** 2021.05.26  
(86) **Int.søknadsnr :** PCT/SE2021/050494  
(73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (publ), 164 83 Stockholm,  
SE-Sverige

(72) **Oppfinner:**  
PARICHEHREHTEOUJENI, Ali, 583 34 Linköping, SE-  
Sverige  
RAMACHANDRA, Pradeepa, 589 29 Linköping, SE-  
Sverige

(74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark

(54) **Benevnelse:**  
RECONNECTION CELL ID IN RLF REPORT

- (51) **Klasse :** *H05H 1/06 (2006.01)*  
*G21B 1/05 (2006.01)*  
*H05H 5/02 (2006.01)*
- (87) **EP Publ.nr:** EP3586575  
(86) **EP søkn.nr:** 18757877.8  
(86) **EP innl.dag:** 2018.02.23  
(87) **EP publ.dag:** 2020.01.01  
(80) **EP meddelt :** 2023.08.09  
(30) **Prioritet:** 2017.02.23, US, 201762462779 P  
(86) **Int.inndag :** 2018.02.23  
(86) **Int.søknadsnr :** PCT/US2018/019364  
(73) **Innehaver:**  
University of Washington, 4545 Roosevelt Way NE, Suite 400Seattle, Washington 98105-4721, US-USA
- (72) **Oppfinner:**  
SHUMLAK, Uri, c/o University of Washington 4545 Roosevelt Way NE Suite 400Seattle WA 98105-4721, US-USA  
NELSON, Brian, A., c/o University of Washington 4545 Roosevelt Way NE Suite 400Seattle WA 98105-4721, US-USA  
GOLINGO, Raymond, c/o University of Washington 4545 Roosevelt Way NE Suite 400Seattle WA 98105-4721, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Z-PINCH PLASMA CONFINEMENT SYSTEM AND RELATED METHOD

- (51) **Klasse :** *H05H 1/26 (2006.01)*  
*C09C 1/48 (2006.01)*  
*H05H 1/34 (2006.01)*  
*H05H 1/40 (2006.01)*
- (87) **EP Publ.nr:** EP3100597  
(86) **EP søkn.nr:** 15742910.1  
(86) **EP innl.dag:** 2015.01.30  
(87) **EP publ.dag:** 2016.12.07  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2014.01.31, US, 201461934184 P  
(86) **Int.inndag :** 2015.01.30  
(86) **Int.søknadsnr :** PCT/US2015/013794  
(73) **Innehaver:**  
Monolith Materials, Inc., 134 S. 13th Street, Suite 700Lincoln, Nebraska 68508, US-USA
- (72) **Oppfinner:**  
HOERMANN, Alexander F., 351 Terminal AvenueMenlo Park, California 94025, US-USA  
JOHNSON, Peter L., 100 Chetwood DriveMountain View, California 94303, US-USA  
MYKLEBUST, Nils Severin, Thaulowkaia 6NO-7042 TrondheimNorge  
NORDVIK, Magne Mathisen, Vardåsveien 95NO-4637 Kristiansand S.Norge
- (74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland
- (54) **Benevnelse:**  
PLASMA TORCH WITH GRAPHITE ELECTRODES

- (51) **Klasse :** *H05K 9/00 (2006.01)*
- (87) **EP Publ.nr:** EP3235357  
(86) **EP søkn.nr:** 15819808.5  
(86) **EP innl.dag:** 2015.12.17  
(87) **EP publ.dag:** 2017.10.25  
(80) **EP meddelt :** 2023.06.07  
(30) **Prioritet:** 2014.12.19, SE, 1451594  
2015.01.20, SE, 1550044
- (86) **Int.inndag :** 2015.12.17  
(86) **Int.søknadsnr :** PCT/EP2015/080208  
(73) **Innehaver:**  
Hans-Erik Johansson I Hagstad Aktiebolag, Läroverksgatan 42335 42 Gnosjö, SE-Sverige
- (72) **Oppfinner:**  
JOHANSSON, Hans-Erik, Läroverksgatan 42335 42 Gnosjö, SE-Sverige
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
FEED-THROUGH

## Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

Endring av innehaver, eller av innehavers navn og/eller adresse, i allment tilgjengelige patentsøknader og meddelte patent, jf. patentloven § 44 og patentforskriften § 43.

(11) **Patent nr.:** 346283  
(21) **Søknadsnr.:** 20210398  
(73) **Innehaver:** Anne Reidun Sørensen, Malangsveien 707, 9055 MEISTERVIK, Norge  
**Melding innkommet patentstyret:**  
2023.10.10

(11) **Patent nr.:** NO/EP3452021  
(21) **Søknadsnr.:** EP3452021  
(73) **Innehaver:** ImmunoForge Co., Ltd., 1701-1711, AceHansol tower, 58, Gasan digital 1-ro, Geumcheon-gu, 08591 SEOUL, Sør-Korea  
(74) **Fullmektig:** RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia  
**Melding innkommet patentstyret:**  
2023.10.02

(11) **Patent nr.:** NO/EP3439645  
(21) **Søknadsnr.:** EP3439645  
(73) **Innehaver:** GB Pharma S.R.L., Via Leonardo da Vinci 43, 20090 TREZZANO SUL NAVIGLIO MI, Italia  
(74) **Fullmektig:** Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark  
**Melding innkommet patentstyret:**  
2023.10.04

(11) **Patent nr.:** NO/EP3417944  
(21) **Søknadsnr.:** EP3417944  
(73) **Innehaver:** Metso Outotec Sweden AB, PO Box 132, 23122 TRELLEBORG, Sverige  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.09.29

(11) **Patent nr.:** NO/EP3417945  
(21) **Søknadsnr.:** EP3417945  
(73) **Innehaver:** Metso Outotec Sweden AB, PO Box 132, 23122 TRELLEBORG, Sverige  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.09.29

(11) **Patent nr.:** NO/EP3100836  
(21) **Søknadsnr.:** EP3100836  
(73) **Innehaver:** Videotiiviste Oy, Kuninkaankatu 19 B 20, 33210 TAMMERFORS, Finland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.10.02

(21) **Søknadsnr.:** 20220162  
(71) **Søker:** TGT OILFIELD SERVICES DMCC, 907 Platinum Tower, Jumeirah Lakes Towers, PO Box 334585, DUBAI, De forente arabiske emiratene  
(74) **Fullmektig:** Fenix Legal KB, Brahegatan 44, 11437 STOCKHOLM, Sverige  
**Melding innkommet patentstyret:**  
2023.09.28

(21) **Søknadsnr.:** 20211453  
(71) **Søker:** WEIS AS, Norvald Strands veg 59, 2212 KONGSVINGER, Norge  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.10.04

(11) **Patent nr.:** NO/EP2162240  
(21) **Søknadsnr.:** EP2162240  
(73) **Innehaver:** Metso Outotec Finland Oy, Lokomonkatu 3, 33900 TAMMERFORS, Finland  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.08.29

(21) **Søknadsnr.:** 20200924  
(71) **Søker:** NOVA FITNESS Co., Ltd., B-92 Wanshou Road, 250002 JINAN, Kina  
O'GRANDS INNOVATION LIMITED, Bigdata Zone, 350000 FUZHOU, Kina  
(74) **Fullmektig:** Cam MAXU, 97 Quai Charles de Gaulle, 69006 LYON, Frankrike  
**Melding innkommet patentstyret:**  
2023.09.01

(21) **Søknadsnr.:** 20200948  
(71) **Søker:** NOVA FITNESS Co., Ltd., B-92 Wanshou Road, 250002 JINAN, Kina  
O'GRANDS INNOVATION LIMITED, Bigdata Zone, 350000 FUZHOU, Kina  
(74) **Fullmektig:** Cam MAXU, 97 Quai Charles de Gaulle, 69006 LYON, Frankrike  
**Melding innkommet patentstyret:**  
2023.09.01

- (21) **Søknadsnr:** 20200949  
(71) **Søker:**  
NOVA FITNESS Co., Ltd., B-92 Wanshou Road, 250002  
JINAN, Kina  
O'GRANDS INNOVATION LIMITED, Bigdata Zone,  
350000 FUZHOU, Kina  
(74) **Fullmektig:**  
Cam MAXU, 97 Quai Charles de Gaulle, 69006 LYON,  
Frankrike  
**Melding innkommet patentstyret:**  
2023.09.01
- 

- (21) **Søknadsnr:** 20210672  
(71) **Søker:**  
TGT OILFIELD SERVICES DMCC, 907 Platinum Tower,  
Jumeirah Lakes Towers, PO Box 334585, DUBAI, De  
forente arabiske emiratene  
(74) **Fullmektig:**  
Fenix Legal KB, Brahegatan 44, 11437 STOCKHOLM,  
Sverige  
**Melding innkommet patentstyret:**  
2023.09.28
- 

- (11) **Patent nr.:** **NO/EP3230731**  
(21) **Søknadsnr:** EP3230731  
(73) **Innehaver:** Process Insights AG, Neuköllnische Allee  
134, 12057 BERLIN, Tyskland  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.09.12
-

## Trukne, avslåtte og henlagte søknader som er allment tilgjengelige

- (21) **Søknadsnr:** 20172047
- (21) **Søknadsnr:** 20180167
- (21) **Søknadsnr:** 20201159
- (21) **Søknadsnr:** 20211257



## Nye søknader om supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 80 (nye søknader).

|      |   |   |
|------|---|---|
| (21) | <b>Søknadsnr:</b>   | <b>2023037</b>  |
| (22) | <b>Inng.dag:</b>  | 2023.10.04  |
| (22) | <b>Inng.dag basispatent:</b>                                      | 2014.03.04  |
| (11) | <b>Basispatent nr:</b>  | <b>NO/EP2964258</b>                                   |
| (24) | <b>Løpedag:</b>   | 2014.03.04  |
| (73) | <b>Innehaver:</b>   | Eli Lilly and Company                                 |
| (74) | <b>Fullmektig:</b>  | ZACCO NORWAY AS,<br>Postboks 488, 0213 OSLO,<br>Norge |
| (95) | <b>Produkt:</b>   | Mirikizumab   |
| (92) | <b>NO markedsførings-<br/>tillatelse nr:</b>                      | EU/1/23/1736  |
| (92) | <b>Dato for samme:</b>  | 2023.06.12  |
| (93) | <b>Første<br/>markedsføringstillatelse<br/>innen EØS-området:</b> | EU/1/23/1736  |
| (93) | <b>Dato for samme:</b>  | 2023.05.30  |
| (54) | <b>Benevnelse:</b>  | ANTIBODIES THAT BIND<br>IL-23                         |

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## Meddelte supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 85 (meddelte sertifikater).

|      |  |   |
|------|--|---|
| (21) | <b>Søknadsnr:</b>                            | <b>2016026</b>  |
| (22) | <b>Inng.dag:</b>                             | 2016.12.20  |
| (22) | <b>Inng.dag basispatent:</b>                 | 2006.03.27  |
| (11) | <b>Basispatent nr:</b>                       | <b>334877</b>   |
| (24) | <b>Løpedag:</b>                              | 2004.09.03  |
| (73) | <b>Innehaver:</b>                            | Janssen Sciences Ireland<br>UC  |
| (74) | <b>Fullmektig:</b>                           | AWA NORWAY AS,<br>Hoffsveien 1A, 0275 OSLO,<br>Norge  |
| (95) | <b>Produkt:</b>                              | Kombinasjon av rilpivirine<br>eller en terapeutisk<br>ekvivalent form derav så som<br>et farmasøytisk akseptabelt<br>salt av rilpivirine<br>innbefattende<br>hydrokloridsaltet av rilpivirine<br>samt emtricitabine samt<br>tenofovir alafenamid eller et<br>farmasøytisk akseptabelt salt<br>derav, spesielt tenofovir<br>alafenamid fumarat |
| (94) | <b>Gyldig t.om:</b>                          | 2029.09.03  |
| (92) | <b>NO markedsførings-<br/>tillatelse nr:</b> | EU/1/16/1112/001  |
| (92) | <b>Dato for samme:</b>                       | 2016.06.23  |
| (54) | <b>Benevnelse:</b>                           | Kombinasjoner av et<br>pyrimidin inneholdende<br>NNRTI med RT-inhibitorer   |

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## Endring i fullmaktsforhold

(21) **Søknadsnr:** 20210672  
(71) **Søker:**  
TGT OILFIELD SERVICES DMCC, 907 Platinum Tower,  
Jumeirah Lakes Towers, PO Box 334585, DUBAI, De  
forente arabiske emiratene  
(74) **Fullmektig:**  
Fenix Legal KB, Brahegatan 44, 11437 STOCKHOLM,  
Sverige  
**Melding innkommet patentstyret:**  
2023.09.28

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(21) **Søknadsnr:** 20211453  
(71) **Søker:**  
WEIS AS, Norvald Strands veg 59, 2212 KONGSVINGER,  
Norge  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.10.04

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(21) **Søknadsnr:** 20220162  
(71) **Søker:**  
TGT OILFIELD SERVICES DMCC, 907 Platinum Tower,  
Jumeirah Lakes Towers, PO Box 334585, DUBAI, De  
forente arabiske emiratene  
(74) **Fullmektig:**  
Fenix Legal KB, Brahegatan 44, 11437 STOCKHOLM,  
Sverige  
**Melding innkommet patentstyret:**  
2023.09.28

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(11) **Patentnr:** 344522  
(21) **Søknadsnr:** 20180775  
(73) **Innehaver:**  
Remøy Sea Group AS, Rabbegjerdet 7, 6091 FOSNAVÅG,  
Norge  
**Melding innkommet patentstyret:**  
2023.09.21

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(11) **Patentnr:** 346283  
(21) **Søknadsnr:** 20210398  
(73) **Innehaver:**  
Anne Reidun Sørensen, Malangsveien 707, 9055  
MEISTERVIK, Norge  
**Melding innkommet patentstyret:**  
2023.10.10

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(11) **Patentnr:** NO/EP2162240  
(21) **Søknadsnr:** EP2162240  
(73) **Innehaver:**  
Metso Outotec Finland Oy, Lokomonkatu 3, 33900  
TAMMERFORS, Finland  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.08.29

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(11) **Patentnr:** NO/EP3371072  
(21) **Søknadsnr:** EP3371072  
(73) **Innehaver:**  
GKS PACKAGING B.V., Steenoven 18, 5626DK  
EINDHOVEN, Nederland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2023.09.12

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## Bortfalte, opphevede, ugyldige og utløpte europeiske patenter som har hatt virkning i Norge

EP publ.nr: 2710652

EP publ.nr: 2805024

EP publ.nr: 3080279