

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

**BESØKSADRESSE**

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0422 Oslo

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## Innholdsfortegnelse og inid-koder:

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### INID-koder

I kunngjøringene er de enkelte data forsynt med koder overensstemmende med INID-kodesystemet

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

- (51) Klasse
- (11) Patentnr
- (21) Søknadsnr
- (22) Inndag
- (41) Allm.tilgj
- (30) Prioritet
- (86) Int.søknadsnr
- (62) Avdelt/Utskilt
- (24) Løpedag
- (45) Meddelt
- (71) Søker
- (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) **Klasse:** *A01K 61/95 (2017.01)*  
*A01K 61/13 (2017.01)*

(21) **Søknadsnr:** 20191304

(22) **Inndag:** 2019.10.31

(41) **Allm.tilgj:** 2021.03.08

(24) **Løpedag:** 2019.10.31

(71) **Søker:**  
CHARVEST AS, Grøthaugvegen 12, 6037 EIDSNES

(74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge

(72) **Oppfinner:**  
Ole-Andrè Leine, Grøthaugvegen 12, 6037 EIDSNES

(54) **Benevnelse:**  
Device and method for collection of fish

Krav på norsk er innkommet 2021.01.07.

(51) **Klasse:** *A45F 3/12 (2006.01)*  
*A45F 3/00 (2006.01)*  
*A45F 3/04 (2006.01)*

(21) **Søknadsnr:** 20190990

(22) **Inndag:** 2019.08.16

(41) **Allm.tilgj:** 2021.02.17

(24) **Løpedag:** 2019.08.16

(71) **Søker:**  
Trond Kristian Klingenberg von Ely, Witzlebenstrasse 33, 14057 BERLIN, Tyskland (DE)

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

(72) **Oppfinner:**  
Trond Kristian Klingenberg von Ely, Witzlebenstrasse 33, 14057 BERLIN, Tyskland (DE)

(54) **Benevnelse:**  
Inflatable support element

(51) **Klasse:** *B08B 9/027 (2006.01)*  
*B08B 9/04 (2006.01)*  
*B08B 9/045 (2006.01)*  
*B08B 9/047 (2006.01)*  
*B08B 9/051 (2006.01)*  
*B23D 1/08 (2006.01)*  
*B23D 21/00 (2006.01)*  
*B23D 21/14 (2006.01)*

(21) **Søknadsnr:** 20201361

(22) **Inndag:** 2020.12.11

(41) **Allm.tilgj:** 2021.01.04

(30) **Prioritet:** 2018.05.15, BR, 1020180097946

(86) **Int.inndag:** 2019.05.15

(86) **Int.søknadsnr:** PCT/BR2019/050179

(24) **Løpedag:** 2019.05.15

(71) **Søker:**  
Petróleo Brasileiro S.A. - Petrobras, Avenida República do Chile, 65 Centro, 20031-912 RIO DE JANEIRO, Brasil (BR)  
Universidade Federal Do Rio Grande Do Sul - UFRGS, Avenida Paulo Gama, n° 110, Centro PORTO ALEGRE - RS, Brasil (BR)

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

(72) **Oppfinner:**  
Marcelo Torres Piza Paes, Rua República do Peru no. 481-805, Copacabana, 22021-040 RIO DE JANEIRO RJ, Brasil (BR)  
Thomas Gabriel Rosauero Clarke, Rua Carlos de Carvalho 109 - Petrópolis, 90630-040 PORTO ALEGRE RS, Brasil (BR)  
Ricardo Reppold Marinho, Rua Geminiano Góis, 882 - bloco 10 - casa 105, Freguesia - Jacarepague, 22743-670 RIO DE JANEIRO RJ, Brasil (BR)  
Rafael Eugenio Dos Santos, Rua Goncalves Dias, 402/202, Menino Deus, 90130-060 PORTO ALEGRE RS, Brasil (BR)  
Mariane Chludzinski, Rua Casemiro de Abreu, 359/101, Rio Branco, 90420-001 PORTO ALEGRE RS, Brasil (BR)  
Gustavo Cordenonsi Da Fonseca, Rua José do Patrocínio, 324. apt. 304, Cidade Baixa, 90050-000 PORTO ALEGRE RS, Brasil (BR)  
Giovani Dalpiaz, Rua Coronel Corte Real, 149, ap 301, Petrópolis, 90630-080 PORTO ALEGRE RS, Brasil (BR)

(54) **Benevnelse:**  
DEVICE FOR REMOVING INTERNAL BLOCKAGE MATERIALS FROM A FLUID-CONVEYING LINE

- (51) **Klasse:** *B60P 7/08 (2006.01)*  
*B60P 7/06 (2006.01)*  
*F16G 11/12 (2006.01)*  
*B25B 25/00 (2006.01)*  
*B65B 13/22 (2006.01)*
- (21) **Søknadsnr:** 20200121  
(22) **Inndag:** 2020.01.31  
(41) **Allm.tilgj:** 2021.03.08  
(24) **Løpedag:** 2020.01.31  
(71) **Søker:**  
COJACK AS, Karmsundgata 72, 5529 HAUGESUND
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (72) **Oppfinner:**  
Odd Arild Kolletre, Sandaveien 43, 4270 ÅKREHAMN
- (54) **Benevnelse:**  
A bi-directional tightening device for tightening of a threadable line, and a method for operating the bi-directional tightening device

Krav på norsk er innkommet 2020.09.29.

- (51) **Klasse:** *B63B 21/66 (2006.01)*  
*B63B 21/16 (2006.01)*  
*A01K 73/02 (2006.01)*  
*A01K 73/04 (2006.01)*  
*G01V 1/38 (2006.01)*
- (21) **Søknadsnr:** 20191019  
(22) **Inndag:** 2019.08.23  
(41) **Allm.tilgj:** 2021.02.24  
(24) **Løpedag:** 2019.08.23  
(71) **Søker:**  
KARMØY WINCH AS, Postboks 160, 4291 KOPERVIK
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
Magne Hystad, Bygnesvegen 30, 4250 KOPERVIK
- (54) **Benevnelse:**  
A control system and method for a towed marine object/  
(Et styresystem og –fremgangsmåte for en tauet marin gjenstand)

Krav på norsk er innkommet 2020.06.22.

- (51) **Klasse:** *B65D 19/24 (2006.01)*  
*B65D 19/40 (2006.01)*  
*B64D 9/00 (2006.01)*  
*B64C 1/20 (2006.01)*  
*B64C 1/22 (2006.01)*
- (21) **Søknadsnr:** 20190983  
(22) **Inndag:** 2019.08.15  
(41) **Allm.tilgj:** 2021.02.16  
(24) **Løpedag:** 2019.08.15  
(71) **Søker:**  
Bewi Norplasta AS, 7263 HAMARVIK
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (72) **Oppfinner:**  
Martin Gudem Ringdalen, Dalhaugveien 54, 7020 TRONDHEIM  
Morten Furunes, Nils Lykkes vei 3, 7510 SKATVAL
- (54) **Benevnelse:**  
Transportpall

- (51) **Klasse:** *C22F 1/04 (2006.01)*  
*C22C 21/00 (2006.01)*
- (21) **Søknadsnr:** 20191003  
(22) **Inndag:** 2019.08.20  
(41) **Allm.tilgj:** 2021.02.22  
(24) **Løpedag:** 2019.08.20  
(71) **Søker:**  
Norsk Hydro ASA, Postboks 980 Skøyen, 0240 OSLO
- (74) **Fullmektig:**  
André Berg, c/o Norsk Hydro ASA, Intellectual Property Department, 0240 OSLO, Norge
- (72) **Oppfinner:**  
Petter Åsholt, Fagerhaugvegen 3, 6600 SUNNDALSØRA  
Alf Inge Romfo, Vermøyvegen 280, 6612 GRØA  
Snorre Rist, Langslågata 11, 6600 SUNNDALSØRA
- (54) **Benevnelse:**  
Equipment and process for homogenization of cast products

- (51) **Klasse:** *E06B 3/46 (2006.01)*  
*E05D 15/10 (2006.01)*
- (21) **Søknadsnr:** 20190998  
(22) **Inndag:** 2019.08.19  
(41) **Allm.tilgj:** 2021.02.22  
(24) **Løpedag:** 2019.08.19  
(71) **Søker:**  
NORDAN AS, Stasjonsveien 46, 4460 MOI
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (72) **Oppfinner:**  
John Olav Rasmussen, Ringveien 9, 4460 MOI
- (54) **Benevnelse:**  
Fittings for sliding doors or windows.

- (51) **Klasse:** *E21B 17/01 (2006.01)*  
*E21B 12/02 (2006.01)*  
*G06Q 10/00 (2012.01)*
- (21) **Søknadsnr:** 20201075  
(22) **Inndag:** 2020.10.01  
(41) **Allm.tilgj:** 2018.11.28  
(30) **Prioritet:** 2016.05.28, US, 62/342,879  
2016.05.28, US, 62/342,881
- (62) **Utskilt fra:** 20181531, med inndato 2018.11.28  
(62) **Avdelt fra:** 20181531, med inndato 2018.11.28  
(86) **Int.inndag:** 2017.05.30  
(86) **Int.søknadsnr:** PCT/US2017/035042  
(24) **Løpedag:** 2017.05.30  
(68) **Basispatent:** 20181531, med inndato 2018.11.28  
(71) **Søker:**  
Kaustubh V. Dighe, 5506 Pillar Park Circle, TX77041-5522 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Kaustubh V. Dighe, 5506 Pillar Park Circle, TX77041-5522 HOUSTON, USA (US)
- (54) **Benevnelse:**  
Systems and methods for monitoring and managing marine riser assets

Krav på norsk er innkommet 2020.10.01.

(51) **Klasse:** *E21B 41/00 (2006.01)*  
*G01B 17/02 (2006.01)*  
*G01N 29/07 (2006.01)*  
*G01N 29/22 (2006.01)*

(21) **Søknadsnr:** 20201297  
(22) **Inndag:** 2020.11.25  
(41) **Allm.tilgj:** 2020.11.25  
(30) **Prioritet:** 2018.05.30, US, 62/677,942  
(86) **Int.inndag:** 2019.05.17  
(86) **Int.søknadsnr:** PCT/US2019/032775  
(24) **Løpedag:** 2019.05.17  
(71) **Søker:**  
Dril-Quip, Inc., 6401 N. Eldridge Parkway, TX77041 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Frank Kalb, 19410 Shady Loch Lane, TX77433 CYPRESS, USA (US)  
Alexander Anthony Bradley, 16711 Innisbrook Drive, TX77095 HOUSTON, USA (US)

(54) **Benevnelse:**  
REAL-TIME MONITORING OF MASS LOSS FROM EROSION FLOW

(51) **Klasse:** *E21B 43/12 (2006.01)*

(21) **Søknadsnr:** 20201425  
(22) **Inndag:** 2020.12.22  
(41) **Allm.tilgj:** 2020.12.22  
(86) **Int.inndag:** 2018.08.09  
(86) **Int.søknadsnr:** PCT/US2018/045949  
(24) **Løpedag:** 2018.08.09  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

(74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia

(72) **Oppfinner:**  
Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
Steven Ward, 4309 Avenue F, TX78751 AUSTIN, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)  
Terry Wong, 21525 Spring Plaza Drive, Apt. 2101, TX77388 SPRING, USA (US)  
ZhiXiang Jiang, C2001, Tugpark, 100084 BEIJING, Kina (CN)

(54) **Benevnelse:**  
WELLBORE GAS LIFT OPTIMIZATION

(51) **Klasse:** *F16B 33/02 (2006.01)*  
*F16B 31/02 (2006.01)*  
*F16B 35/06 (2006.01)*

(21) **Søknadsnr:** 20190997  
(22) **Inndag:** 2019.08.19  
(41) **Allm.tilgj:** 2021.02.22  
(24) **Løpedag:** 2019.08.19  
(71) **Søker:**  
TAU MEK VERKSTED AS, Breivikvegen 28, 4120 TAU

(72) **Oppfinner:**  
Einar Moen, Rognevegen 20, 4120 TAU

(54) **Benevnelse:**  
Anordning og fremgangsmåte ved feste for slitegods

(51) **Klasse:** *G01L 9/00 (2006.01)*  
*G01L 19/04 (2006.01)*

(21) **Søknadsnr:** 20201373  
(22) **Inndag:** 2020.12.14  
(41) **Allm.tilgj:** 2020.12.14  
(30) **Prioritet:** 2018.06.07, US, 16/002,752  
(86) **Int.inndag:** 2019.06.05  
(86) **Int.søknadsnr:** PCT/US2019/035476  
(24) **Løpedag:** 2019.06.05  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
William Albert Johnston, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Alexander Michael Barry, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
QUADRATURE DETECTION FOR OPTICAL MEMS PRESSURE GAUGE

Krav på norsk er innkommet 2020.12.14.

(51) **Klasse:** *G01V 1/137 (2006.01)*  
*G01V 1/38 (2006.01)*

(21) **Søknadsnr:** 20200905  
(22) **Inndag:** 2020.08.17  
(41) **Allm.tilgj:** 2021.02.17  
(30) **Prioritet:** 2019.08.16, US, 62/887,966  
2020.07.28, US, 16/940,829  
(24) **Løpedag:** 2020.08.17  
(71) **Søker:**  
PGS Geophysical AS, Postboks 251 Lilleaker, 0216 OSLO

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

(72) **Oppfinner:**  
Christian Strand, 4 The Heights, Brooklands, KT130NY WEYBRIDGE, SURREY, Storbritannia (GB)

(54) **Benevnelse:**  
Surveying with low frequency impulse sources

- (51) **Klasse:** *H01B 7/04 (2006.01)*  
*H01B 7/20 (2006.01)*  
*H01B 13/26 (2006.01)*  
*H01B 9/00 (2006.01)*
- (21) **Søknadsnr:** 20210036
- (22) **Inndag:** 2021.01.12
- (41) **Allm.tilgj:** 2021.01.12
- (30) **Prioritet:** 2018.07.13, US, PCT/US2018/042056
- (86) **Int.inndag:** 2018.07.13
- (86) **Int.søknadsnr:** PCT/US2018/042056
- (24) **Løpedag:** 2018.07.13
- (71) **Søker:**  
PRYSMIAN S.P.A., Via Chiese, 6, 20126 MILANO, Italia  
(IT)
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (72) **Oppfinner:**  
Glenn Grabinsky, c/o Prysmian Cables and Systems USA  
LLC, 111 Chimney Rock Rd, NJ08807 BRIDGEWATER,  
USA (US)  
Edward Wiencek, c/o Prysmian Cables and Systems USA  
LLC, 111 Chimney Rock Rd, NJ08807 BRIDGEWATER,  
USA (US)  
Toma Milouchev, c/o Prysmian Cables and Systems USA  
LLC, 111 Chimney Rock Rd, NJ08807 BRIDGEWATER,  
USA (US)  
Giovanni Battista Calimani, c/o Prysmian Cables and  
Systems USA LLC, 111 Chimney Rock Rd, NJ08807  
BRIDGEWATER, USA (US)
- (54) **Benevnelse:**  
Power cables for electric submersible pump and systems  
and methods thereof
-

## 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) **Klasse:** *A01F 15/07 (2006.01)*  
*B65B 11/00 (2006.01)*  
(11) **Patentnr:** 345497  
(21) **Søknadsnr:** 20190731  
(22) **Inng.dag:** 2019.06.14  
(24) **Løpedag:** 2019.06.14  
(41) **Allm.tilg.dag:** 2020.12.15  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
ORKEL DEVELOPMENT AS, Johan Gjønnnes' veg 25,  
7320 FANNREM  
(74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
(72) **Oppfinner:**  
Jarl Ingebrigt Gjønnnes, Gilhaugvegen 13, 7320 FANNREM  
(54) **Benevnelse:**  
Round bale wrapper

(51) **Klasse:** *A01K 61/95 (2017.01)*  
*A01K 61/13 (2017.01)*  
(11) **Patentnr:** 345500  
(21) **Søknadsnr:** 20191304  
(22) **Inng.dag:** 2019.10.31  
(24) **Løpedag:** 2019.10.31  
(41) **Allm.tilg.dag:** 2021.03.08  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
CHARVEST AS, Grøthaugvegen 12, 6037 EIDSNES  
(74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge  
(72) **Oppfinner:**  
Ole-Andrè Leine, Grøthaugvegen 12, 6037 EIDSNES  
(54) **Benevnelse:**  
Device and method for collection of fish

(51) **Klasse:** *A61F 9/02 (2006.01)*  
*G02B 7/14 (2006.01)*  
(11) **Patentnr:** 345494  
(21) **Søknadsnr:** 20181201  
(22) **Inng.dag:** 2018.09.14  
(24) **Løpedag:** 2018.09.14  
(41) **Allm.tilg.dag:** 2020.03.16  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
Active Brands AS, Kabelgaten 6, 0580 OSLO  
(74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
(72) **Oppfinner:**  
Ståle Norman Møller, Rypbekken 4, 2420 TRYSIL  
Dan Martin Fjørde Sevaldson, Minister Ditleffs vei 17 C,  
0862 OSLO  
(54) **Benevnelse:**  
Ski goggles with detachable lens

(51) **Klasse:** *B32B 1/08 (2006.01)*  
(11) **Patentnr:** 345496  
(21) **Søknadsnr:** 20061687  
(22) **Inng.dag:** 2006.04.12  
(30) **Prioritet:** 2003.09.19, DK, 2003 01371  
(86) **Int.inng.dag:** 2004.09.20  
(86) **Int.Søknadsnr:** PCT/DK2004/00637  
(24) **Løpedag:** 2004.09.20  
(41) **Allm.tilg.dag:** 2006.04.12  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
National Oilwell Varco Denmark I/S, Priorparken 480,  
2605 BRØNDBY, Danmark (DK)  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(72) **Oppfinner:**  
Poul Erik Braad, Teglværksvej 24, 3460 BIRKERØD,  
Danmark (DK)  
(54) **Benevnelse:**  
Fleksibelt, ikke-bundet rør samt fremgangsmåte ved  
fremstilling av et slikt rør

(51) **Klasse:** *B60B 33/06 (2006.01)*  
*B60B 33/04 (2006.01)*  
*A47B 91/00 (2006.01)*  
(11) **Patentnr:** 345499  
(21) **Søknadsnr:** 20190805  
(22) **Inng.dag:** 2019.06.27  
(24) **Løpedag:** 2019.06.27  
(41) **Allm.tilg.dag:** 2020.12.28  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
WHEEL.ME AS, Waldemar Thranes gate 84a, 0175  
OSLO  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge  
(72) **Oppfinner:**  
Rolf Libakken, Postboks 413, 9991 BÅTSFJORD  
(54) **Benevnelse:**  
Roller device with eccentric wheel axle



(51) **Klasse:** *B60P 7/08 (2006.01)*  
*B60P 7/06 (2006.01)*  
*F16G 11/12 (2006.01)*  
*B25B 25/00 (2006.01)*  
*B65B 13/22 (2006.01)*

(11) **Patentnr:** 345492  
(21) **Søknadsnr:** 20200121  
(22) **Inng.dag:** 2020.01.31  
(24) **Løpedag:** 2020.01.31  
(41) **Allm.tilg.dag:** 2021.03.08  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
COJACK AS, Karmsundgata 72, 5529 HAUGESUND

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

(72) **Oppfinner:**  
Odd Arild Kolletre, Sandaveien 43, 4270 ÅKREHAMN

(54) **Benevnelse:**  
A bi-directional tightening device for tightening of a  
threadable line, and a method for operating the bi-  
directional tightening device

(51) **Klasse:** *B63B 21/66 (2006.01)*  
*B63B 21/16 (2006.01)*  
*A01K 73/02 (2006.01)*  
*A01K 73/04 (2006.01)*  
*G01V 1/38 (2006.01)*

(11) **Patentnr:** 345493  
(21) **Søknadsnr:** 20191019  
(22) **Inng.dag:** 2019.08.23  
(24) **Løpedag:** 2019.08.23  
(41) **Allm.tilg.dag:** 2021.02.24  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
KARMØY WINCH AS, Postboks 160, 4291 KOPERVIK

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

(72) **Oppfinner:**  
Magne Hystad, Bygnesvegen 30, 4250 KOPERVIK

(54) **Benevnelse:**  
A control system and method for a towed marine object/  
(Et styresystem og –fremgangsmåte for en tauet marin  
gjenstand)

(51) **Klasse:** *B68B 1/04 (2006.01)*

(11) **Patentnr:** 345498  
(21) **Søknadsnr:** 20190652  
(22) **Inng.dag:** 2019.05.22  
(85) **Videref.dag:** 2019.05.22  
(24) **Løpedag:** 2019.05.22  
(41) **Allm.tilg.dag:** 2020.11.23  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
Pernille Design Pernille Venemyr Hansen, Vogts gate 56  
B, 0477 OSLO

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

(72) **Oppfinner:**  
Pernille Venemyr Hansen, Vogts gate 56 B, 0477 OSLO

(54) **Benevnelse:**  
Bridle for horse

(51) **Klasse:** *E21B 17/02 (2006.01)*  
*E21B 47/01 (2012.01)*  
*E21B 43/08 (2006.01)*

(11) **Patentnr:** 345495  
(21) **Søknadsnr:** 20190583  
(22) **Inng.dag:** 2019.05.09  
(30) **Prioritet:** 2006.03.30, US, 60/787,592  
2006.04.24, US, 60/745,469  
2006.05.23, US, 60/747,986  
2006.06.23, US, 60/805,691  
2006.11.09, US, 60/865,084  
2006.11.21, US, 60/866,622  
2006.11.27, US, 60/867,276  
2007.03.19, US, 11/688,089  
2007.03.19, US, 60/890,630

(62) **Avdelt fra:** 20071662, med inndato 2007.03.29  
(62) **Utskilt fra:** 20071662, med inndato 2007.03.29  
(24) **Løpedag:** 2007.03.29  
(41) **Allm.tilg.dag:** 2007.10.01  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
Schlumberger Technology BV, Parkstraat 83, 2514JG  
HAAG, Nederland (NL)

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

(72) **Oppfinner:**  
Christian Chouzenoux, 33, rue du Mont Valerien, 92210  
ST CLOUD, Frankrike (FR)  
John Lovell, 2603 Commonwealth Avenue, TX77066  
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Frankrike (FR)  
Jean-Philippe Beaulieu, 48, avenue Paul Signac, 93100  
MONTREUIL, Frankrike (FR)  
Dinesh R. Patel, 1815 Trinity Station, TX77478 SUGAR  
LAND, USA (US)  
Donald W. Ross, 7206 N. Hearthstone Green Court,  
TX77095 HOUSTON, USA (US)  
Anthony F. Veneruso, 6301 Alameda Road, Apt. 649,  
TX77021 HOUSTON, USA (US)

(54) **Benevnelse:**  
Sensorsammenstilling for utplassering i en brønn

(51) **Klasse:** *G01V 1/30 (2006.01)*  
*G06F 3/06 (2006.01)*

(11) **Patentnr:** 345501  
(21) **Søknadsnr:** 20130405  
(22) **Inng.dag:** 2013.03.19  
(30) **Prioritet:** 2012.03.20, US, 13/425,207  
(24) **Løpedag:** 2013.03.19  
(41) **Allm.tilg.dag:** 2013.09.23  
(45) **Meddelt:** 2021.03.08  
(73) **Innehaver:**  
Logined BV, Gevers Deynootweg 61, 2586BJ S  
GRAVENHAGE, Nederland (NL)

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

(72) **Oppfinner:**  
Carlos Santieri de Figueiredo Boneti, R. Visconde de  
Piraja, 8, ap 404, Ipanema, 22410-000 RIO DE JANEIRO,  
Brasil (BR)

(54) **Benevnelse:**  
Metode og system for tilgang til en virtuell seismisk kube



- (51) **Klasse:** **G01V 1/34 (2006.01)**  
**G06T 7/13 (2017.01)**  
**G06T 5/00 (2006.01)**
- (11) **Patentnr:** **345502**
- (21) **Søknadsnr:** 20130431
- (22) **Inng.dag:** 2013.03.26
- (30) **Prioritet:** 2012.03.28, US, 61/616,497  
2012.09.12, US, 61/699,986
- (24) **Løpedag:** 2013.03.26
- (41) **Allm.tilg.dag:** 2013.09.30
- (45) **Meddelt:** 2021.03.08
- (73) **Innehaver:**  
Logined BV, Gevers Deynootweg 61, 2586BJ S  
GRAVENHAGE, Nederland (NL)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Andreas W Laake, 8787 Woodway Drive, #6306, TX77063  
HOUSTON, USA (US)
- (54) **Benevnelse:**  
Omforming av seismisk attributfargemodell
-

## 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 23/02 (2006.01)**  
**A01B 23/04 (2006.01)**  
**A01B 35/22 (2006.01)**  
**A01B 39/22 (2006.01)**  
**A01B 51/04 (2006.01)**  
(87) **EP Publ.nr:** EP3155885  
(86) **EP søkn.nr:** 16002180.4  
(86) **EP innl.dag:** 2016.10.10  
(87) **EP publ.dag:** 2017.04.19  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2015.10.13, AT, 6652015  
(73) **Innehaver:**  
DicksonKerner GmbH, Gewerbestraße 389344 Aislingen,  
DE-Tyskland  
(72) **Oppfinner:**  
DICK, Bernhard, Breitenried 134753 Taiskirchen, AT-  
Østerrike  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
MODULAR AGRICULTURAL DEVICE FOR SOIL  
CULTIVATION

(51) **Klasse :** **A01B 59/042 (2006.01)**  
**A01B 51/04 (2006.01)**  
**B62D 49/06 (2006.01)**  
(87) **EP Publ.nr:** EP3461312  
(86) **EP søkn.nr:** 18401079.1  
(86) **EP innl.dag:** 2018.08.28  
(87) **EP publ.dag:** 2019.04.03  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2017.09.11, DE, 102017120869  
(73) **Innehaver:**  
Amazonen-Werke H. Dreyer GmbH & Co. KG, Am  
Amazonenwerk 9-1349205 Hasbergen, DE-Tyskland  
(72) **Oppfinner:**  
Scherf, Silvio, Böklinger Straße 2539444 Hecklingen OT  
Cochstedt, DE-Tyskland  
Wolfrum, Thomas, Schnorrstraße 1304229 Leipzig, DE-  
Tyskland  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
TOWING SYSTEM FOR A TOWED AGRICULTURAL  
IMPLEMENT

(51) **Klasse :** **A01G 9/24 (2006.01)**  
**A01G 9/14 (2006.01)**  
**A01G 9/26 (2006.01)**  
(87) **EP Publ.nr:** EP3537870  
(86) **EP søkn.nr:** 17791395.1  
(86) **EP innl.dag:** 2017.10.30  
(87) **EP publ.dag:** 2019.09.18  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2016.11.10, CH, 14922016  
(86) **Int.inndag :** 2017.10.30  
(86) **Int.søknadsnr :** PCT/EP2017/077715  
(73) **Innehaver:**  
Glessner-Lott, Erika, Blattenacker 5b8235 Lohn, CH-Sveits  
(72) **Oppfinner:**  
GLESSER-LOTT, Markus, Blattenacker 5b8235 Lohn, CH-  
Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
GREENHOUSE

(51) **Klasse :** **A01M 23/12 (2006.01)**  
(87) **EP Publ.nr:** EP3478058  
(86) **EP søkn.nr:** 17748389.8  
(86) **EP innl.dag:** 2017.06.29  
(87) **EP publ.dag:** 2019.05.08  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.06.29, DK, 201670467  
(86) **Int.inndag :** 2017.06.29  
(86) **Int.søknadsnr :** PCT/DK2017/050216  
(73) **Innehaver:**  
Anticimex Innovation Center A/S, Skovgårdsvej 25A3200  
Helsingør, DK-Danmark  
(72) **Oppfinner:**  
FRITZBØGER, Preben, Østre Allé 79A3250 Gilleleje, DK-  
Danmark  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
A TRAP AND A METHOD FOR USING A TRAP

(51) **Klasse :** **A47G 9/02 (2006.01)**  
**A01K 13/00 (2006.01)**  
(87) **EP Publ.nr:** EP3461377  
(86) **EP søkn.nr:** 17194394.7  
(86) **EP innl.dag:** 2017.10.02  
(87) **EP publ.dag:** 2019.04.03  
(80) **EP meddelt :** 2020.11.25  
(73) **Innehaver:**  
Nilsson, Rasmus, Övre besvärsgatan 7411 29 Göteborg,  
SE-Sverige  
Brar, Max, Olsmässgatan 2122 44 Hägersten, SE-Sverige  
(72) **Oppfinner:**  
Nilsson, Rasmus, Övre besvärsgatan 7411 29 Göteborg,  
SE-Sverige  
Brar, Max, Olsmässgatan 2122 44 Hägersten, SE-Sverige  
(74) **Fullmektig:**  
AWA NORWAY AS, c/o Regus Business Center Aker  
brygge, Postboks 1433 Vika, 0115 OSLO, Norge  
(54) **Benevnelse:**  
THERAPEUTIC BLANKET WITH WEIGHT ELEMENTS

(51) **Klasse :** **A61B 3/10 (2006.01)**  
 (87) **EP Publ.nr:** EP2903498  
 (86) **EP søkn.nr:** 13779330.3  
 (86) **EP innl.dag:** 2013.10.01  
 (87) **EP publ.dag:** 2015.08.12  
 (80) **EP meddelt :** 2020.12.09  
 (30) **Prioritet:** 2012.10.01, GB, 201217538  
 (86) **Int.inndag :** 2013.10.01  
 (86) **Int.søknadsnr :** PCT/GB2013/052556  
 (73) **Innehaver:**  
 Optos plc, Queensferry House Carnegie Campus  
 Enterprise Way Dunfermline Scotland KY11 8GR, GB-  
 Storbritannia  
 (72) **Oppfinner:**  
 BROWN, William, c/o Wasatch Photonics4020 Stirrup  
 DriveSuite 115Durham, North Carolina 27703, US-USA  
 CORCORAN, Anthony, c/o Optos PlcQueensferry  
 HouseEnterprise WayDunfermline Fife KY11 8GR, GB-  
 Storbritannia  
 SWAN, Derek, c/o Optos PlcQueensferry HouseEnterprise  
 WayDunfermline Fife KY11 8GR, GB-Storbritannia  
 SULLIVAN, Michael E., c/o Wasatch Photonics4020 Stirrup  
 DriveSuite 115Durham, North Carolina 27703, US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 IMPROVEMENTS IN OR RELATING TO SCANNING  
 LASER OPHTHALMOSCOPES

(51) **Klasse :** **A61F 11/00 (2006.01)**  
**A61F 7/12 (2006.01)**  
**A61M 3/02 (2006.01)**  
 (87) **EP Publ.nr:** EP3593772  
 (86) **EP søkn.nr:** 18183454.0  
 (86) **EP innl.dag:** 2018.07.13  
 (87) **EP publ.dag:** 2020.01.15  
 (80) **EP meddelt :** 2020.12.02  
 (73) **Innehaver:**  
 EARBREEZE GMBH, Wipplingerstraße 1/DG 11010 Wien,  
 AT-Østerrike  
 (72) **Oppfinner:**  
 KURSHL Martin, Wipplingerstraße 1/DG 11010 Wien, AT-  
 Østerrike  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge  
 (54) **Benevnelse:**  
 SPRAY HEAD FOR A DEVICE FOR PRODUCING A  
 STREAM OF AIR OR FOR THE DELIVERY OF A FLUID  
 IN THE OUTER EAR AND EAR DRYER WITH THE  
 SPRAY HEAD

(51) **Klasse :** **A61K 8/36 (2006.01)**  
**A61K 8/43 (2006.01)**  
**A61Q 11/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3697380  
 (86) **EP søkn.nr:** 20700704.8  
 (86) **EP innl.dag:** 2020.01.13  
 (87) **EP publ.dag:** 2020.08.26  
 (80) **EP meddelt :** 2020.12.02  
 (30) **Prioritet:** 2019.01.11, EP, 19151526  
 (86) **Int.inndag :** 2020.01.13  
 (86) **Int.søknadsnr :** PCT/EP2020/050711  
 (73) **Innehaver:**  
 Meda AB, Pipers Väg 2A170 73 Solna, SE-Sverige  
 (72) **Oppfinner:**  
 FILIPPI, Elisabetta, c/o Meda ABPipers Väg 2A170 73  
 Solna, SE-Sverige  
 ZANARDI, Andrea, c/o Meda ABPipers Väg 2A170 73  
 Solna, SE-Sverige  
 GELFI, Elena, c/o Meda ABPipers Väg 2A170 73 Solna,  
 SE-Sverige  
 (74) **Fullmektig:**  
 Nordic Patent Service A/S, Bredgade 30, 1260  
 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 ORAL CARE PREPARATIONS COMPRISING  
 CHLORHEXIDINE AND ARGININE OR THEIR SALTS

(51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 31/415 (2006.01)**  
**A61K 47/32 (2006.01)**  
 (87) **EP Publ.nr:** EP2879664  
 (86) **EP søkn.nr:** 13766392.8  
 (86) **EP innl.dag:** 2013.07.31  
 (87) **EP publ.dag:** 2015.06.10  
 (80) **EP meddelt :** 2020.10.07  
 (30) **Prioritet:** 2012.07.31, US, 201213562686  
 (86) **Int.inndag :** 2013.07.31  
 (86) **Int.søknadsnr :** PCT/HU2013/000080  
 (73) **Innehaver:**  
 Egis Gyógyszergyár Zrt., Keresztúri út 30-381106  
 Budapest, HU-Ungarn  
 (72) **Oppfinner:**  
 MIKULÁSIK, Endre, Bástya utca 23.1aH-9900 Körmend,  
 HU-Ungarn  
 SPAITS, Tamás, Képúti liget 4/89900 Körmend, HU-Ungarn  
 SZAKÁLYNÉ SINKA, Ágota, Léka u. 13.9700 Szombathely,  
 HU-Ungarn  
 (74) **Fullmektig:**  
 Budde Schou A/S, Dronningens Tværgade 30, 1302  
 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 TRANSDERMAL FORMULATION CONTAINING COX  
 INHIBITORS

- (51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 9/08 (2006.01)**  
**A61K 31/5575 (2006.01)**  
**A61K 47/14 (2017.01)**  
**A61P 27/06 (2006.01)**
- (87) **EP Publ.nr:** EP3593788  
(86) **EP søkn.nr:** 19185400.9  
(86) **EP innl.dag:** 2019.07.10  
(87) **EP publ.dag:** 2020.01.15  
(80) **EP meddelt :** 2020.10.28  
(30) **Prioritet:** 2018.07.12, EP, 18290082  
(73) **Innehaver:**  
Nicox S.A., Drakkar 2 - Bât D 2405 route des Dolines - CS 10313 Sophia Antipolis06560 Valbonne, FR-Frankrike
- (72) **Oppfinner:**  
PILOTAZ, Frédéric, Les Villas de Bellet - B3 - 209 route de Bellet06200 NICE, FR-Frankrike  
WEINER, Alan L., 2312 Grafton LaneMcKINNEY, TX Texas 75071, US-USA  
DO, Marina, 5 Rue de Bréa06500 MENTON, FR-Frankrike  
SALDO, Julien, 6 Rue Gendarme Desclair - Les Vergers - Bâtiment B06800 CAGNES SUR MER, FR-Frankrike
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvøien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
OPHTHALMIC COMPOSITIONS CONTAINING A NITRIC OXIDE RELEASING PROSTAMIDE

- (51) **Klasse :** **A61K 9/107 (2006.01)**  
**A61K 38/13 (2006.01)**  
**A61K 47/10 (2017.01)**  
**A61K 47/32 (2006.01)**  
**A61K 47/44 (2017.01)**
- (87) **EP Publ.nr:** EP3505156  
(86) **EP søkn.nr:** 18215549.9  
(86) **EP innl.dag:** 2018.12.21  
(87) **EP publ.dag:** 2019.07.03  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2017.12.26, CN, 201711427891  
(73) **Innehaver:**  
Zhaoke (Guangzhou) Ophthalmic Drug, 1 Meide 3rd Road, Pearl River, Industrial Park,Nansha DistrictGuangzhou CityGuangdong 230088, CN-Kina
- (72) **Oppfinner:**  
Li, Gang, No. 30, Tianzhi Road, New and High - TechIndustrial Development ZoneHefei City, Anhui 230088, CN-Kina  
Cao, Kailei, No. 30, Tianzhi Road, New and High - TechIndustrial Development ZoneHefei City, Anhui 230088, CN-Kina  
Li, Xiaoyi, 1/F, Buildin g 20E, Phase 3, Hong Kong ScienceParkShatin, HK-Hong Kong  
Dai, Xiangrong, No. 30, Tianzhi Road, New and High - TechIndustrial Development ZoneHefei City, Anhui 230088, CN-Kina  
Yin, Lei, No. 30, Tianzhi Road, New and High - TechIndustrial Development ZoneHefei City, Anhui 230088, CN-Kina  
Ling, Juan, No. 30, Tianzhi Road, New and High - TechIndustrial Development ZoneHefei City, Anhui 230088, CN-Kina  
Li, Xiaoyi, 1/F, Building 20E, Phase 3, Hong Kong Science ParkShatin, HK-Hong Kong
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
MANUFACTURING PROCESS OF CYCLOSPORIN EYE GEL

- (51) **Klasse :** **A61K 9/28 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 9/30 (2006.01)**  
**A61K 31/465 (2006.01)**  
**A61P 1/00 (2006.01)**  
**A61P 1/04 (2006.01)**  
**A61P 3/04 (2006.01)**  
**A61P 25/00 (2006.01)**  
**A61P 25/16 (2006.01)**  
**A61P 25/28 (2006.01)**  
**A61P 25/34 (2006.01)**
- (87) **EP Publ.nr:** EP2800557  
(86) **EP søkn.nr:** 13733926.3  
(86) **EP innl.dag:** 2013.01.07  
(87) **EP publ.dag:** 2014.11.12  
(80) **EP meddelt :** 2020.12.30  
(30) **Prioritet:** 2012.01.05, SE, 1200017  
(86) **Int.inndag :** 2013.01.07  
(86) **Int.søknadsnr :** PCT/SE2013/050005  
(73) **Innehaver:**  
McNeil AB, 251 09 Helsingborg, SE-Sverige
- (72) **Oppfinner:**  
HUGERTH, Andreas, Södra Villavägen 2237 35 Bjärred, SE-Sverige  
LINDELL, Katarina, Skarhult 1325241 93 Eslöv, SE-Sverige  
NICKLASSON, Fredrik, Järavallsvägen 17237 33 Bjärred, SE-Sverige  
THYRESSON, Kristina, Sakförelägen 28226 57 Lund, SE-Sverige
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvøien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
SOLID NICOTINE-COMPRISING DOSAGE FORM WITH REDUCED ORGANOLEPTIC DISTURBANCE

- (51) **Klasse :** **A61K 31/13 (2006.01)**  
**A61P 25/00 (2006.01)**
- (87) **EP Publ.nr:** EP3482754  
(86) **EP søkn.nr:** 18210763.1  
(86) **EP innl.dag:** 2017.08.11  
(87) **EP publ.dag:** 2019.05.15  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2016.08.11, GB, 201613828  
2017.02.16, GB, 201702552  
2017.04.10, GB, 201705762  
2017.04.28, GB, 201706854
- (73) **Innehaver:**  
IntraBio Ltd, Summit House 170 Finchley RoadLondon NW3 6BP, GB-Storbritannia
- (72) **Oppfinner:**  
STRUPP, Michael, Ludwig-Maximilians-University Hospital Munich, c/oThe Department of Neurology and German CenterCampus Grosshadern Marchioninstr. 1581377 Munich, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PHARMACEUTICAL COMPOSITIONS AND USES DIRECTED TO LYSOSOMAL STORAGE DISORDERS

(51) **Klasse :** A61K 31/343 (2006.01)  
A61K 9/00 (2006.01)  
A61K 31/4725 (2006.01)  
A61K 47/02 (2006.01)  
A61P 27/02 (2006.01)

(87) **EP Publ.nr:** EP2934510  
(86) **EP søkn.nr:** 13865757.2  
(86) **EP innl.dag:** 2021.01.05  
(87) **EP publ.dag:** 2015.10.28  
(80) **EP meddelt :** 2020.10.28  
(30) **Prioritet:** 2012.12.19, US, 201261739609 P  
2013.01.29, US, 201361758147 P

(86) **Int.inndag :** 2013.12.18  
(86) **Int.søknadsnr :** PCT/US2013/076041  
(73) **Innehaver:**  
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits

(72) **Oppfinner:**  
NEWMAN, Mary, c/o Sarcod Bioscience Inc.1000 Marina  
Blvd.Suite 250Brisbane, CA 94005, US-USA  
HUNKE, William, 505 Sweetspire CourtMiddletown, DE  
19709, US-USA

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

(54) **Benevnelse:**  
LFA-1 INHIBITOR FORMULATIONS

(51) **Klasse :** A61K 31/426 (2006.01)  
A61K 47/02 (2006.01)  
A61K 47/12 (2006.01)  
A61K 47/22 (2006.01)  
A61K 47/26 (2006.01)  
A61K 47/32 (2006.01)  
A61K 47/38 (2006.01)  
A61P 3/10 (2006.01)  
A61P 13/10 (2006.01)  
A61K 47/10 (2017.01)  
A61K 47/14 (2017.01)  
A61K 47/18 (2017.01)  
A61K 47/34 (2017.01)

(87) **EP Publ.nr:** EP2345410  
(86) **EP søkn.nr:** 09817723.1  
(86) **EP innl.dag:** 2009.09.28  
(87) **EP publ.dag:** 2011.07.20  
(80) **EP meddelt :** 2020.12.30  
(30) **Prioritet:** 2008.09.30, US, 101338 P  
(86) **Int.inndag :** 2009.09.28  
(86) **Int.søknadsnr :** PCT/JP2009/066742  
(73) **Innehaver:**  
Astellas Pharma Inc., 5-1, Nihonbashi-Honcho 2-  
chomeChuo-kuTokyo 103-8411, JP-Japan

(72) **Oppfinner:**  
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Nihonbashi-Honcho 2-chomeChuo-kuTokyo 103-8411, JP-  
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Nihonbashi-Honcho 2-chomeChuo-kuTokyo 103-8411, JP-  
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Nihonbashi-Honcho 2-chomeChuo-kuTokyo 103-8411, JP-  
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(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(54) **Benevnelse:**  
PHARMACEUTICAL COMPOSITION FOR MODIFIED  
RELEASE

- (51) **Klasse :** **A61K 31/5377 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 35/02 (2006.01)**
- (87) **EP Publ.nr:** EP3076976  
(86) **EP søkn.nr:** 14821005.7  
(86) **EP innl.dag:** 2014.12.03  
(87) **EP publ.dag:** 2016.10.12  
(80) **EP meddelt :** 2020.09.02  
(30) **Prioritet:** 2013.12.04, US, 201361911978 P  
(86) **Int.inndag :** 2014.12.03  
(86) **Int.søknadsnr :** PCT/US2014/068423  
(73) **Innehaver:**  
Gilead Sciences, Inc., 333 Lakeside DriveFoster City, CA 94404, US-USA
- (72) **Oppfinner:**  
DI PAOLO, Julie, c/o Gilead Sciences Inc.333 Lakeside DriveFoster City, CA 94404, US-USA  
HAWKINS, Michael, J., 550 Davis Street 14San Francisco, CA 94111, US-USA  
HU, Jing, c/o Gilead Sciences Inc.333 Lakeside DriveFoster City, CA 94404, US-USA  
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MELCHOR-KHAN, Flordeliza, 860 Moana CourtPalo Alto, CA 94306, US-USA  
REDDY, Anita, c/o Gilead Sciences Inc.333 Lakeside DriveFoster City, CA 94404, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHODS FOR TREATING CANCERS

- (51) **Klasse :** **A61K 33/04 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/06 (2006.01)**  
**A61K 31/122 (2006.01)**  
**A61K 31/17 (2006.01)**  
**A61K 31/19 (2006.01)**  
**A61K 31/327 (2006.01)**  
**A61K 31/4015 (2006.01)**  
**A61K 31/555 (2006.01)**  
**A61K 31/60 (2006.01)**  
**A61K 35/04 (2006.01)**  
**A61P 27/02 (2006.01)**  
**A61P 43/00 (2006.01)**
- (87) **EP Publ.nr:** EP3206497  
(86) **EP søkn.nr:** 15852086.6  
(86) **EP innl.dag:** 2015.10.16  
(87) **EP publ.dag:** 2017.08.23  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2014.10.19, US, 201462065716 P  
2015.06.05, US, 201514732622  
(86) **Int.inndag :** 2015.10.16  
(86) **Int.søknadsnr :** PCT/IB2015/002164  
(73) **Innehaver:**  
AZURA OPHTHALMICS LTD, 5, Droyanov Street6314305 Tel Aviv, IL-Israël
- (72) **Oppfinner:**  
ALSTER, Yair, 46 Kehilat Warsaw Street6970237 Tel Aviv, IL-Israël  
RAFAELI, Omer, POB 4474290500 Udim, IL-Israël  
MACFARLANE, K., Angela, 173 Jefferson DriveMenlo Park, CA 94025, US-USA  
REICH, Cary, 114 Ayala CourtLos Gatos, CA 95032, US-USA  
AMSELEM, Shimon, 10 Miriam Mizrahi Street7655156 Rehovot, IL-Israël  
FRIEDMAN, Doron, 33 Alon Street99797 Carme-Yosef, IL-Israël
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS AND METHODS FOR THE TREATMENT OF MEIBOMIAN GLAND DYSFUNCTION

- (51) **Klasse :** **A61K 35/50 (2015.01)**  
**A61K 31/7105 (2006.01)**  
**A61P 9/00 (2006.01)**  
**A61P 17/02 (2006.01)**
- (87) **EP Publ.nr:** EP3204022  
(86) **EP søkn.nr:** 15849339.5  
(86) **EP innl.dag:** 2015.10.08  
(87) **EP publ.dag:** 2017.08.16  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2014.10.09, US, 201462062046 P  
(86) **Int.inndag :** 2015.10.08  
(86) **Int.søknadsnr :** PCT/US2015/054629  
(73) **Innehaver:**  
Celularity, Inc., 170 Park AvenueFlorham Park, NJ 07932, US-USA
- (72) **Oppfinner:**  
LAW, Eric, 45 Jernee DriveEast Brunswick, NJ 08816, US-USA  
MORSCHAUSER, Andrew, 43 Seven Lakes DriveSloatsburg, NY 10974, US-USA  
FRANCKI, Aleksandar, 80 La Costa DriveAnnandale, NJ 08801, US-USA  
PAREDES, Jennifer, 363 East Passaic AvenueBloomfield, NJ 07003, US-USA  
KARASIEWICZ-MENDEZ, Kathy E., 41 Longfield DriveHillsborough, NJ 08844, US-USA  
REDUTA, Allan, 186 Mt. Bethel RoadApt. BWarren, NJ 07059, US-USA  
JANKOVIC, Vladimir, 777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA  
DJURETIC, Ivana, 224 Bloomfield Street Apt. 2Hoboken, NJ 07030, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
PLACENTA-DERIVED ADHERENT CELL EXOSOMES AND USES THEREOF

- (51) **Klasse :** **A61K 38/17 (2006.01)**  
**A61K 38/38 (2006.01)**  
**A61K 38/47 (2006.01)**  
**A61P 35/00 (2006.01)**
- (87) **EP Publ.nr:** EP3618848  
(86) **EP søkn.nr:** 18729327.9  
(86) **EP innl.dag:** 2018.05.14  
(87) **EP publ.dag:** 2020.03.11  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2017.05.14, GB, 201707715  
(86) **Int.inndag :** 2018.05.14  
(86) **Int.søknadsnr :** PCT/EP2018/062396  
(73) **Innehaver:**  
HAMLET Pharma AB, BMC D10 Klinikgatan 32222 42 Lund, SE-Sverige
- (72) **Oppfinner:**  
NADEEM, Aftab, Department of MicrobiologyImmunology and Glycobiology (MIG)Institute of Laboratory Medicine Lund UniversitySolvegatan 23S-223 62 Lund, SE-Sverige  
SVANBORG, Catharina, Slottsgatan 3221133 Malmö, SE-Sverige  
HO, Chin Shing., Department of MicrobiologyImmunology and Glycobiology (MIG)Institute of Laboratory Medicine Lund UniversitySolvegatan 23S-223 62 Lund, SE-Sverige
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
BIOLOGICALLY ACTIVE COMPLEXES AND THERAPEUTIC USES THEREOF



- (51) **Klasse :** **A61K 39/395 (2006.01)**  
**A61P 35/00 (2006.01)**  
**C07K 16/18 (2006.01)**  
**C07K 16/30 (2006.01)**  
**C07K 16/40 (2006.01)**
- (87) **EP Publ.nr:** EP3360571  
(86) **EP søkn.nr:** 18160806.8  
(86) **EP innl.dag:** 2008.05.03  
(87) **EP publ.dag:** 2018.08.15  
(80) **EP meddelt :** 2020.12.16  
(30) **Prioritet:** 2007.05.03, US, 924201 P  
2008.02.22, US, 64229 P
- (73) **Innehaver:**  
Agency For Science, Technology And Research (A\*star), 1  
Fusionopolis Way 20-10 ConnexisSingapore 138632, SG-  
Singapore
- (72) **Oppfinner:**  
ZENG, Qi, 61 Biopolis DriveProteos138632 Singapore, SG-  
Singapore
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ANTIBODIES BINDING TO AN INTRACELLULAR PRL-1  
OR PRL-3 POLYPEPTIDE

- (51) **Klasse :** **A61M 1/10 (2006.01)**  
**A61M 1/12 (2006.01)**
- (87) **EP Publ.nr:** EP3341041  
(86) **EP søkn.nr:** 16744342.3  
(86) **EP innl.dag:** 2016.07.19  
(87) **EP publ.dag:** 2018.07.04  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2015.08.25, FR, 1557893  
(86) **Int.inndag :** 2016.07.19  
(86) **Int.søknadsnr :** PCT/EP2016/067121
- (73) **Innehaver:**  
Fineheart, Hôpital Xavier Arnoz Avenue du Haut  
Lévêque Plateform Technologique d'Innovation  
Biomédicale33600 Pessac, FR-Frankrike
- (72) **Oppfinner:**  
HADDADI, Mohammad, 19 Avenue Jean Cocteau33700  
Merignac, FR-Frankrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
BLOOD FLOW PUMP FOR VENTRICULAR ASSISTANCE

- (51) **Klasse :** **A61P 25/06 (2006.01)**  
**A61K 31/198 (2006.01)**
- (87) **EP Publ.nr:** EP3638370  
(86) **EP søkn.nr:** 18749124.6  
(86) **EP innl.dag:** 2018.06.25  
(87) **EP publ.dag:** 2020.04.22  
(80) **EP meddelt :** 2020.11.11  
(86) **Int.inndag :** 2018.06.25  
(86) **Int.søknadsnr :** PCT/IB2018/054676
- (73) **Innehaver:**  
IntraBio Ltd, Summit House 170 Finchley RoadLondon  
NW3 6BP, GB-Storbritannia
- (72) **Oppfinner:**  
STRUPP, Michael, The Department of Neurology and  
German Center forVertigo and Balance DisordersLudwig-  
Maximilians-University Hospital MunichCampus  
GrosshadernMarchioninistr. 1581377 Munich, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
TREATMENT OF MIGRAINE WITH ACETYL-LEUCINE

- (51) **Klasse :** **A63J 25/00 (2009.01)**  
**E04H 3/22 (2006.01)**
- (87) **EP Publ.nr:** EP3554663  
(86) **EP søkn.nr:** 17822415.0  
(86) **EP innl.dag:** 2017.12.13  
(87) **EP publ.dag:** 2019.10.23  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.12.19, EP, 16306733  
2017.02.15, WO, PCT/EP17/053432  
2017.12.13
- (86) **Int.inndag :** 2017.12.13  
(86) **Int.søknadsnr :** PCT/FR2017/053556
- (73) **Innehaver:**  
Oma Cinéma, 38, rue de Trévis75009 Paris, FR-Frankrike
- (72) **Oppfinner:**  
CHICAN, Pierre, 9 avenue Charles Binder95290 L'Isle-  
Adam, FR-Frankrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
MOVIE PROJECTION ROOM SUITABLE FOR LARGE-  
SCREEN PROJECTION

- (51) **Klasse :** **B01J 35/10 (2006.01)**  
**B01J 21/06 (2006.01)**  
**B01J 35/00 (2006.01)**  
**B01J 37/02 (2006.01)**
- (87) **EP Publ.nr:** EP3204156  
(86) **EP søkn.nr:** 15790452.5  
(86) **EP innl.dag:** 2015.10.08  
(87) **EP publ.dag:** 2017.08.16  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2014.10.10, DK, 201470630  
(86) **Int.inndag :** 2015.10.08  
(86) **Int.søknadsnr :** PCT/DK2015/050303
- (73) **Innehaver:**  
Photocat A/S, Langebjerg 44000 Roskilde, DK-Danmark
- (72) **Oppfinner:**  
HUMLE, Jonathan Michael Hetland, Frederikssundsvej  
187b1.tv.DK-2700 Brønshøj, DK-Danmark
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD TO PRODUCE A PHOTOCATALYTIC  
BITUMINOUS PRODUCT



(51) **Klasse :** **B07B 1/20 (2006.01)**  
**B03B 9/06 (2006.01)**  
**B09B 5/00 (2006.01)**

(87) **EP Publ.nr:** EP3658300  
(86) **EP søkn.nr:** 18762137.0  
(86) **EP innl.dag:** 2018.07.25  
(87) **EP publ.dag:** 2020.06.03  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2017.07.25, IT, 201700084595  
2017.12.01, IT, 201700138762

(86) **Int.inndag :** 2018.07.25  
(86) **Int.søknadsnr :** PCT/IB2018/055551  
(73) **Innehaver:**  
Cesaro Mac Import S.r.l., Via delle Industrie 28 - 2930020  
Eraclea (VE), IT-Italia

(72) **Oppfinner:**  
CESARO, Osvaldo, Via Zanella n. 330020 Eraclea (VE),  
IT-Italia  
CESARO, Cristiano, Via Interessati 2030020 Eraclea (VE),  
IT-Italia

(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge

(54) **Benevnelse:**  
A TREATMENT APPARATUS OF A WASTE  
PRODUCTFOR SEPARATING RECYCLING FRACTIONS

(51) **Klasse :** **B21B 37/28 (2006.01)**  
**B21B 37/16 (2006.01)**

(87) **EP Publ.nr:** EP3426418  
(86) **EP søkn.nr:** 17712359.3  
(86) **EP innl.dag:** 2017.03.08  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2016.03.08, US, 201662305113 P  
(86) **Int.inndag :** 2017.03.08  
(86) **Int.søknadsnr :** PCT/US2017/021353  
(73) **Innehaver:**  
Novelis Inc., 3560 Lenox Road, Suite 2000Atlanta, GA  
30326, US-USA

(72) **Oppfinner:**  
FAIRLIE, Matthew J., 114 Yonge StreetKingston, Ontario  
K7M1E7, CA-Canada  
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WayN.W.Kennesaw, Georgia 30152, US-USA  
EBOLI, Carlos, 1950 Barrett Lakes BlvdApartment  
1238Kennesaw, Georgia 30144, US-USA  
ALDER, Hansjuerg, Bahnhofstrasse 1598245 Feuerthalen,  
CH-Sveits  
MURAD, Luiz, Marianna Marcondes Cesar Romeiro  
44312421-740 Pindamonhangaba, BR-Brasil

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

(54) **Benevnelse:**  
METHOD AND APPARATUS FOR CONTROLLING  
METAL STRIP PROFILE DURING ROLLING WITH  
DIRECT MEASUREMENT OF PROCESS PARAMETERS

(51) **Klasse :** **B23P 9/04 (2006.01)**  
**C21D 7/04 (2006.01)**

(87) **EP Publ.nr:** EP3638450  
(86) **EP søkn.nr:** 18727275.2  
(86) **EP innl.dag:** 2018.05.24  
(87) **EP publ.dag:** 2020.04.22  
(80) **EP meddelt :** 2021.01.27  
(30) **Prioritet:** 2017.06.14, DE, 102017113065  
(86) **Int.inndag :** 2018.05.24  
(86) **Int.søknadsnr :** PCT/EP2018/063689  
(73) **Innehaver:**  
Maschinenfabrik Alfing Kessler GmbH, Auguste-Kessler-  
Strasse 2073433 Aalen, DE-Tyskland

(72) **Oppfinner:**  
REEB, Alfons, Scheurenfeldstrasse 873434 Aalen, DE-  
Tyskland  
SCHMIDT, Jochen, Hagenaeckerstrasse 8/173560  
Boebingen a. d. Rems, DE-Tyskland  
GRIMM, Konrad, Hirtengasse 1273433 Aalen, DE-Tyskland

(74) **Fullmektig:**  
Cosmovici Intellectual Property, 14 Rue du Rhône, 1204  
GENÈVE, Sveits

(54) **Benevnelse:**  
METHOD AND DEVICE FOR THE IMPACT TREATMENT  
OF TRANSITION RADII OF A CRANKSHAFT

(51) **Klasse :** **B60R 9/055 (2006.01)**

(87) **EP Publ.nr:** EP3617000  
(86) **EP søkn.nr:** 18192055.4  
(86) **EP innl.dag:** 2018.08.31  
(87) **EP publ.dag:** 2020.03.04  
(80) **EP meddelt :** 2020.10.21  
(73) **Innehaver:**  
Thule Sweden AB, Box 69335 04 Hillerstorp, SE-Sverige

(72) **Oppfinner:**  
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Heng, DE-Tyskland  
ERIKSSON, Henrik, Observatoriegatan 5855448  
Jönköping, SE-Sverige  
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233155 Värnamo, SE-Sverige  
ANDERSSON, Joakim, Thule Sweden ABÅgatan 119334  
32 Anderstorp, SE-Sverige

(74) **Fullmektig:**  
THULE SWEDEN AB, Box 69, 33504 HILLERSTORP,  
Sverige

(54) **Benevnelse:**  
CARGO CARRIER

- (51) **Klasse :** **B63B 27/10 (2006.01)**  
**B63B 35/03 (2006.01)**  
**B66D 1/52 (2006.01)**
- (87) **EP Publ.nr:** EP3568348  
(86) **EP søkn.nr:** 17817245.8  
(86) **EP innl.dag:** 2017.11.17  
(87) **EP publ.dag:** 2019.11.20  
(80) **EP meddelt :** 2020.11.04  
(30) **Prioritet:** 2017.01.16, NL, 2018173  
(86) **Int.inndag :** 2017.11.17  
(86) **Int.søknadsnr :** PCT/NL2017/050747  
(73) **Innehaver:**  
Itrec B.V., Admiraal Trompstraat 23115 HH Schiedam, NL-Nederland
- (72) **Oppfinner:**  
VAN VELUW, Cornelis Martinus, c/o Admiraal Trompstraat 23115 HH Schiedam, NL-Nederland  
ROMEIJN, Eric, c/o Admiraal Trompstraat 23115 HH Schiedam, NL-Nederland  
ROODENBURG, Joop, c/o Admiraal Trompstraat 23115 HH Schiedam, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DEEPWATER HOISTING SYSTEM AND METHOD

- (51) **Klasse :** **B63B 79/00 (2020.01)**  
**B63B 39/00 (2006.01)**  
**B63B 39/06 (2006.01)**  
**B63B 49/00 (2006.01)**  
**G05D 1/08 (2006.01)**
- (87) **EP Publ.nr:** EP2911935  
(86) **EP søkn.nr:** 13848498.5  
(86) **EP innl.dag:** 2013.10.24  
(87) **EP publ.dag:** 2015.09.02  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2012.10.24, US, 201261717834 P  
(86) **Int.inndag :** 2013.10.24  
(86) **Int.søknadsnr :** PCT/US2013/066627  
(73) **Innehaver:**  
Naiad Maritime Group, Inc., 50 Parrott Drive Shelton, CT 06484, US-USA
- (72) **Oppfinner:**  
VENABLES, John D., 8 Historic Drive Monroe, Connecticut 06468, US-USA  
PAPPAS, Christopher M., 5841 Hickory Road Saint Leonard, Maryland 20685, US-USA  
SCHAUB, Jr., Benton H., 764 Annapolis Road Gambrills, Connecticut 21054, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PREDICTIVE SEA STATE MAPPING FOR SHIP MOTION CONTROL

- (51) **Klasse :** **B65B 9/10 (2006.01)**  
**B65B 9/22 (2006.01)**
- (87) **EP Publ.nr:** EP3580127  
(86) **EP søkn.nr:** 18708229.2  
(86) **EP innl.dag:** 2018.02.07  
(87) **EP publ.dag:** 2019.12.18  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2017.02.08, NL, 2018341  
(86) **Int.inndag :** 2018.02.07  
(86) **Int.søknadsnr :** PCT/NL2018/050085  
(73) **Innehaver:**  
Ingenieursburo J.K. De Heer, Oosterweg E 18a1481 AP Purmer, NL-Nederland
- (72) **Oppfinner:**  
DE HEER, Jan Kees, Oosterweg E 18a1481 AP Purmer, NL-Nederland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
PACKAGING PROCESS AND APPARATUS

- (51) **Klasse :** **B65H 54/28 (2006.01)**  
**B65H 59/18 (2006.01)**
- (87) **EP Publ.nr:** EP2953876  
(86) **EP søkn.nr:** 13829060.6  
(86) **EP innl.dag:** 2013.12.20  
(87) **EP publ.dag:** 2015.12.16  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2013.02.06, DE, 102013002017  
2013.02.06, DE, 102013002019  
2013.02.06, DE, 102013002020  
2013.02.06, DE, 102013002022  
2013.02.06, DE, 102013002023
- (86) **Int.inndag :** 2013.12.20  
(86) **Int.søknadsnr :** PCT/EP2013/003930  
(73) **Innehaver:**  
gabo Systemtechnik GmbH, Am Schaidweg 794559 Niederwinkling, DE-Tyskland
- (72) **Oppfinner:**  
KARL, Markus, Degernbach 6294327 Bogen, DE-Tyskland  
LEDERER, Roland, Hirschensteinstr. 1294374 Schwarzach, DE-Tyskland  
SCHUHBAUER, Gerhard, Rainfurt 494327 Bogen, DE-Tyskland
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
DEVICE AND METHOD FOR WINDING A STRAND-LIKE MATERIAL TO BE WOUND

- (51) **Klasse :** C01B 21/16 (2006.01)  
C07C 281/00 (2006.01)  
C25B 1/04 (2021.01)  
C25B 1/26 (2006.01)  
C25B 3/04 (2006.01)  
C25B 15/08 (2006.01)  
H01M 8/00 (2016.01)  
H01M 8/0606 (2016.01)
- (87) **EP Publ.nr:** EP3544928  
(86) **EP søkn.nr:** 17787315.5  
(86) **EP innl.dag:** 2017.09.22  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2021.01.06  
(30) **Prioritet:** 2016.11.22, DE, 102016223001  
(86) **Int.inndag :** 2017.09.22  
(86) **Int.søknadsnr :** PCT/DE2017/100808  
(73) **Innehaver:**  
Schaeffler Technologies AG & Co. KG, Industriestrasse 1-391074 Herzogenaurach, DE-Tyskland
- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
PROSESS FOR LAGRING AV ENERGI I FORM AV HYDRAZINKARBONAT

- (51) **Klasse :** C02F 3/00 (2006.01)  
C02F 3/30 (2006.01)  
C02F 101/16 (2006.01)
- (87) **EP Publ.nr:** EP3019452  
(86) **EP søkn.nr:** 14759287.7  
(86) **EP innl.dag:** 2014.07.04  
(87) **EP publ.dag:** 2016.05.18  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2013.07.08, FR, 1356681  
(86) **Int.inndag :** 2014.07.04  
(86) **Int.søknadsnr :** PCT/IB2014/062858  
(73) **Innehaver:**  
Degrémont, Tour CB21 16, Place de l'Iris92040 Paris La Défense, FR-Frankrike
- (72) **Oppfinner:**  
MANIC, Gildas, 11 Square VitruveF-75020 Paris, FR-Frankrike  
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- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND EQUIPMENT FOR THE BIOLOGICAL DENITRIFICATION OF WASTE WATER

- (51) **Klasse :** C05G 1/00 (2006.01)  
C05B 15/00 (2006.01)  
C05B 17/00 (2006.01)  
C05C 1/00 (2006.01)  
C05C 3/00 (2006.01)  
C05C 9/00 (2006.01)  
C05C 11/00 (2006.01)  
C05F 17/00 (2020.01)  
C05F 17/10 (2020.01)  
C05G 3/00 (2020.01)  
C05G 5/12 (2020.01)
- (87) **EP Publ.nr:** EP2819974  
(86) **EP søkn.nr:** 13716333.3  
(86) **EP innl.dag:** 2013.02.27  
(87) **EP publ.dag:** 2015.01.07  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2012.02.28, FI, 20125220  
(86) **Int.inndag :** 2013.02.27  
(86) **Int.søknadsnr :** PCT/FI2013/050223  
(73) **Innehaver:**  
Biokasvu OY, Mikolantie 16421450 Tarvasjoki, FI-Finland
- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
A FERTILIZER, ITS USE AND PROCESS FOR PREPARING IT

- (51) **Klasse :** C07D 213/65 (2006.01)  
A61K 31/415 (2006.01)  
A61K 31/421 (2006.01)  
A61K 31/4418 (2006.01)  
A61K 31/505 (2006.01)  
A61P 27/02 (2006.01)
- (87) **EP Publ.nr:** EP3210973  
(86) **EP søkn.nr:** 15853151.7  
(86) **EP innl.dag:** 2015.10.22  
(87) **EP publ.dag:** 2017.08.30  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2014.10.24, JP, 2014217770  
(86) **Int.inndag :** 2015.10.22  
(86) **Int.søknadsnr :** PCT/JP2015/079782  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
HETEROARYL COMPOUNDS FOR THE TREATMENT OF OPHTHALMIC DISEASES

(51) **Klasse :** C07D 215/40 (2006.01)  
 A61K 31/4375 (2006.01)  
 A61K 31/47 (2006.01)  
 A61K 31/4985 (2006.01)  
 A61K 31/519 (2006.01)  
 A61P 3/00 (2006.01)  
 A61P 9/10 (2006.01)  
 A61P 11/06 (2006.01)  
 A61P 31/00 (2006.01)  
 A61P 31/12 (2006.01)  
 A61P 35/00 (2006.01)  
 A61P 35/04 (2006.01)  
 C07D 471/04 (2006.01)

(87) **EP Publ.nr:** EP3394033  
 (86) **EP søkn.nr:** 16826549.4  
 (86) **EP innl.dag:** 2016.12.21  
 (87) **EP publ.dag:** 2018.10.31  
 (80) **EP meddelt :** 2020.11.25  
 (30) **Prioritet:** 2015.12.22, US, 201562270931 P  
 2016.04.19, US, 201662324502 P  
 2016.09.09, US, 201662385341 P  
 2016.12.21

(86) **Int.inndag :** 2016.12.21  
 (86) **Int.søknadsnr :** PCT/US2016/067925  
 (73) **Innehaver:**  
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(72) **Oppfinner:**  
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 OffWilmingtonDelaware 19803, US-USA  
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(74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvveien 1A, 0275 OSLO,  
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(54) **Benevnelse:**  
 HETEROCYCLIC COMPOUNDS AS  
 IMMUNOMODULATORS

(51) **Klasse :** C07D 487/04 (2006.01)  
 A61K 31/519 (2006.01)  
 A61P 29/00 (2006.01)  
 A61P 37/00 (2006.01)

(87) **EP Publ.nr:** EP3621966  
 (86) **EP søkn.nr:** 18723532.0  
 (86) **EP innl.dag:** 2018.05.10  
 (87) **EP publ.dag:** 2020.03.18  
 (80) **EP meddelt :** 2020.11.18  
 (30) **Prioritet:** 2017.05.12, PL, 42157617  
 (86) **Int.inndag :** 2018.05.10  
 (86) **Int.søknadsnr :** PCT/EP2018/062164  
 (73) **Innehaver:**  
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(72) **Oppfinner:**  
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 Warszawa, PL-Polen  
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 Nowe, PL-Polen  
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(74) **Fullmektig:**  
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(54) **Benevnelse:**  
 PYRAZOLE[1,5-A]PYRIMIDINE DERIVATIVES AS  
 KINASE JAK INHIBITORS

(51) **Klasse :** C07K 14/755 (2006.01)  
 A61K 38/00 (2006.01)  
 C12N 15/09 (2006.01)

(87) **EP Publ.nr:** EP3013855  
 (86) **EP søkn.nr:** 14817835.3  
 (86) **EP innl.dag:** 2014.06.24  
 (87) **EP publ.dag:** 2016.05.04  
 (80) **EP meddelt :** 2020.10.14  
 (30) **Prioritet:** 2013.06.24, US, 201361838867 P  
 (86) **Int.inndag :** 2014.06.24  
 (86) **Int.søknadsnr :** PCT/US2014/043777  
 (73) **Innehaver:**  
 Xiao, Weidong, 1604 Conquest WayFort Washington, PA  
 19034, US-USA

(72) **Oppfinner:**  
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(74) **Fullmektig:**  
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(54) **Benevnelse:**  
 MUTANT FACTOR VIII COMPOSITIONS AND METHODS

(51) **Klasse :** C07K 16/08 (2006.01)  
 (87) **EP Publ.nr.:** EP2734544  
 (86) **EP søkn.nr.:** 12741191.6  
 (86) **EP innl.dag:** 2012.07.17  
 (87) **EP publ.dag:** 2014.05.28  
 (80) **EP meddelt :** 2020.12.16  
 (30) **Prioritet:** 2011.07.18, US, 201161508897 P  
 (86) **Int.inndag :** 2012.07.17  
 (86) **Int.søknadsnr :** PCT/US2012/047069  
 (73) **Innehaver:**  
 The United States Of America as Represented by the Secretary, Department of Health and Human Services, National Institutes Of Health Office of Technology Transfer 6011 Executive Boulevard Suite 325 MSC 7660Bethesda, MD 20892-7660, US-USA  
 (72) **Oppfinner:**  
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 (74) **Fullmektig:**  
 PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
 (54) **Benevnelse:**  
 METHODS AND COMPOSITIONS FOR INHIBITING POLYOMAVIRUS-ASSOCIATED PATHOLOGY

(51) **Klasse :** C07K 16/28 (2006.01)  
 A61P 35/00 (2006.01)  
 (87) **EP Publ.nr.:** EP2992017  
 (86) **EP søkn.nr.:** 14791454.3  
 (86) **EP innl.dag:** 2014.05.02  
 (87) **EP publ.dag:** 2016.03.09  
 (80) **EP meddelt :** 2020.11.18  
 (30) **Prioritet:** 2013.05.02, US, 201361818755 P  
 (86) **Int.inndag :** 2014.05.02  
 (86) **Int.søknadsnr :** PCT/US2014/036525  
 (73) **Innehaver:**  
 AnaptysBio, Inc., 10421 Pacific Center CourtSan Diego, CA 92121, US-USA  
 (72) **Oppfinner:**  
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 KEHRY, Marilyn, 10440 Rock Creek DriveSan Diego, California 92131, US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 ANTIBODIES DIRECTED AGAINST PROGRAMMED DEATH-1 (PD-1)

(51) **Klasse :** C08J 9/00 (2006.01)  
 C08J 9/22 (2006.01)  
 C08J 9/224 (2006.01)  
 C08J 9/232 (2006.01)  
 C08K 5/00 (2006.01)  
 C08K 5/56 (2006.01)  
 (87) **EP Publ.nr.:** EP2751179  
 (86) **EP søkn.nr.:** 12756227.0  
 (86) **EP innl.dag:** 2012.08.29  
 (87) **EP publ.dag:** 2014.07.09  
 (80) **EP meddelt :** 2020.11.04  
 (30) **Prioritet:** 2011.08.29, FI, 20115840  
 (86) **Int.inndag :** 2012.08.29  
 (86) **Int.søknadsnr :** PCT/FI2012/050834  
 (73) **Innehaver:**  
 Bewi Styrochem OY, PI 36006101 Porvoo, FI-Finland  
 (72) **Oppfinner:**  
 NIEMINEN, Jyri, c/o SilverPhasE OYViikinkaari 6FI-00790 Helsinki, FI-Finland  
 NURMINEN, Ville, c/o StyroChem Finland OYP.O. Box 360FI-06101 Porvoo, FI-Finland  
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 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 EXPANDABLE POLYMERIC BEADS AND THEIR PRODUCTION

(51) **Klasse :** C10G 75/04 (2006.01)  
 C10G 9/16 (2006.01)  
 (87) **EP Publ.nr.:** EP2859069  
 (86) **EP søkn.nr.:** 13712183.6  
 (86) **EP innl.dag:** 2013.03.15  
 (87) **EP publ.dag:** 2015.04.15  
 (80) **EP meddelt :** 2020.10.14  
 (30) **Prioritet:** 2012.04.16, IT, RM20120162  
 (86) **Int.inndag :** 2013.03.15  
 (86) **Int.søknadsnr :** PCT/EP2013/055472  
 (73) **Innehaver:**  
 Ferrara, Marcello, Viale Epipoli 2396100 Siracusa, IT-Italia  
 (72) **Oppfinner:**  
 Ferrara, Marcello, Viale Epipoli 2396100 Siracusa, IT-Italia  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD AND APPARATUS FOR TREATING PETROLEUM EQUIPMENT

- (51) **Klasse :** C10L 1/02 (2006.01)  
C10L 1/16 (2006.01)  
C10L 1/185 (2006.01)  
C10L 10/02 (2006.01)
- (87) **EP Publ.nr:** EP3555240  
(86) **EP søkn.nr:** 17821964.8  
(86) **EP innl.dag:** 2017.12.14  
(87) **EP publ.dag:** 2019.10.23  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.12.19, FI, 20165985  
(86) **Int.inndag :** 2017.12.14  
(86) **Int.søknadsnr :** PCT/FI2017/050886  
(73) **Innehaver:**  
Neste Oyj, Keilaranta 2102150 Espoo, FI-Finland
- (72) **Oppfinner:**  
KIISKI, Ulla, c/o Neste Oyj / IPRTechnology  
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HARTIKKA, Tuukka, c/o Neste Oyj / IPRTechnology  
CentreKilpilahtiPL 31006101 Porvoo, FI-Finland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
A MULTICOMPONENT DIESEL COMPOSITION

- (51) **Klasse :** C12N 5/0783 (2010.01)
- (87) **EP Publ.nr:** EP2686421  
(86) **EP søkn.nr:** 12711984.0  
(86) **EP innl.dag:** 2012.03.16  
(87) **EP publ.dag:** 2014.01.22  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2011.04.18, EP, 11162866  
2011.03.18, WO, PCT/NL11/050193
- (86) **Int.inndag :** 2012.03.16  
(86) **Int.søknadsnr :** PCT/NL2012/050165  
(73) **Innehaver:**  
Glycostem Therapeutics B.V., Kloosterstraat 95349 AB  
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- (72) **Oppfinner:**  
SPANHOLTZ, Jan, c/o Glycostem Therapeutics  
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DOLSTRA, Harmen, c/o Geert Grooteplein-Zuid 106525  
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- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
GENERATION OF NK CELLS AND NK-CELL  
PROGENITORS

- (51) **Klasse :** C12N 15/113 (2010.01)  
A61K 31/712 (2006.01)  
A61K 31/7125 (2006.01)  
A61K 47/50 (2017.01)  
A61P 31/00 (2006.01)  
A61P 33/02 (2006.01)  
A61P 37/04 (2006.01)  
C07H 21/00 (2006.01)
- (87) **EP Publ.nr:** EP3430141  
(86) **EP søkn.nr:** 17710874.3  
(86) **EP innl.dag:** 2017.03.14  
(87) **EP publ.dag:** 2019.01.23  
(80) **EP meddelt :** 2020.12.30  
(30) **Prioritet:** 2016.03.14, EP, 16160149  
(86) **Int.inndag :** 2017.03.14  
(86) **Int.søknadsnr :** PCT/EP2017/055925  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
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- (54) **Benevnelse:**  
OLIGONUCLEOTIDES FOR REDUCTION OF PD-L1  
EXPRESSION

- (51) **Klasse :** C22C 21/00 (2006.01)  
B21C 23/00 (2006.01)  
B22D 7/00 (2006.01)
- (87) **EP Publ.nr:** EP3449026  
(86) **EP søkn.nr:** 17788454.1  
(86) **EP innl.dag:** 2017.04.10  
(87) **EP publ.dag:** 2019.03.06  
(80) **EP meddelt :** 2020.10.28  
(30) **Prioritet:** 2016.04.29, US, 201662329272 P  
(86) **Int.inndag :** 2017.04.10  
(86) **Int.søknadsnr :** PCT/CA2017/050435  
(73) **Innehaver:**  
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2G6, CA-Canada
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
CORROSION RESISTANT ALLOY FOR EXTRUDED AND  
BRAZED PRODUCTS



- (51) **Klasse :** *E01B 11/18 (2006.01)*  
*B23K 9/00 (2006.01)*  
*B23K 9/038 (2006.01)*  
*B23K 9/16 (2006.01)*  
*B23K 9/23 (2006.01)*  
*B23K 37/06 (2006.01)*  
*E01B 29/42 (2006.01)*  
*E01B 29/46 (2006.01)*
- (87) **EP Publ.nr:** EP3545132  
(86) **EP søkn.nr:** 18772721.9  
(86) **EP innl.dag:** 2018.08.07  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2017.08.09, DE, 102017118131  
(86) **Int.inndag :** 2018.08.07  
(86) **Int.søknadsnr :** PCT/DE2018/200073  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ARRANGEMENT, WELDING SLEEVE AND METHOD FOR BUTT-WELDING OF RAIL FRACTURES

- (51) **Klasse :** *E02B 3/26 (2006.01)*  
*B65G 69/28 (2006.01)*  
*E01D 15/24 (2006.01)*
- (87) **EP Publ.nr:** EP3548666  
(86) **EP søkn.nr:** 17817304.3  
(86) **EP innl.dag:** 2017.11.16  
(87) **EP publ.dag:** 2019.10.09  
(80) **EP meddelt :** 2020.10.21  
(30) **Prioritet:** 2016.12.02, NO, 20161923  
(86) **Int.inndag :** 2017.11.16  
(86) **Int.søknadsnr :** PCT/NO2017/050295  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
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- (54) **Benevnelse:**  
FERRY SLIP

- (51) **Klasse :** *E05B 47/00 (2006.01)*  
*E05B 15/02 (2006.01)*
- (87) **EP Publ.nr:** EP3575519  
(86) **EP søkn.nr:** 19173001.9  
(86) **EP innl.dag:** 2019.05.07  
(87) **EP publ.dag:** 2019.12.04  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2018.05.29, DE, 102018208497  
(73) **Innehaver:**  
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Leonberg, DE-Tyskland
- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
ELECTRICALLY ACTUATED CLOSING DEVICE FOR A  
DOOR ASSEMBLY

- (51) **Klasse :** *E21B 17/02 (2006.01)*  
*E21B 19/10 (2006.01)*
- (87) **EP Publ.nr:** EP3390763  
(86) **EP søkn.nr:** 16825579.2  
(86) **EP innl.dag:** 2016.12.16  
(87) **EP publ.dag:** 2018.10.24  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2015.12.18, NL, 2015991  
(86) **Int.inndag :** 2016.12.16  
(86) **Int.søknadsnr :** PCT/NL2016/050884  
(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  
ROODENBURG, Joop, c/o 2, Admiraal Trompstraat3115 HH Schiedam, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMBINATION OF A DRILLING INSTALLATION AND A CONTROL AND SIGNAL LINES DEPLOYMENT MODULE AND METHOD OF USE

- (51) **Klasse :** *E21B 17/22 (2006.01)*  
*E21B 17/02 (2006.01)*  
*E21B 17/10 (2006.01)*  
*E21B 37/02 (2006.01)*
- (87) **EP Publ.nr:** EP3063363  
(86) **EP søkn.nr:** 14796620.4  
(86) **EP innl.dag:** 2014.10.22  
(87) **EP publ.dag:** 2016.09.07  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2013.10.25, US, 201361895463 P  
(86) **Int.inndag :** 2014.10.22  
(86) **Int.søknadsnr :** PCT/US2014/061843  
(73) **Innehaver:**  
National Oilwell Varco, L.P., 7909 Parkwood Circle  
DriveHouston, Texas 77036, US-USA
- (72) **Oppfinner:**  
JELLISON, Michael Joseph, 13406 Park Centre  
CourtHouston, TX 77069, US-USA  
PLESSIS, Guillaume, 75 Coronation Road West269287  
Singapore, SG-Singapore  
MURADOV, Andrei, 7818 Chateau Point LaneHouston, TX  
77041, US-USA  
PRICE, John Forester, 319 Ketchum StreetNavasota, TX  
77868, US-USA  
HAIN, Stephen C., 1517 Crockett StreetHouston, TX  
77007, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
DOWNHOLE HOLE CLEANING JOINTS AND METHOD OF USING SAME



(51) **Klasse :** *E21B 23/04 (2006.01)*  
 (87) **EP Publ.nr:** EP2872728  
 (86) **EP søkn.nr:** 13753337.8  
 (86) **EP innl.dag:** 2013.07.15  
 (87) **EP publ.dag:** 2015.05.20  
 (80) **EP meddelt :** 2020.10.07  
 (30) **Prioritet:** 2012.07.13, GB, 201212654  
 (86) **Int.inndag :** 2013.07.15  
 (86) **Int.søknadsnr :** PCT/GB2013/051886  
 (73) **Innehaver:**  
 Hydralock Systems limited, 12-16 Albyn  
 PlaceAberdeenAB10 1PS, GB-Storbritannia  
 (72) **Oppfinner:**  
 SIMPSON, Neil, Andrew, Abercrombie, Burn of Daff Farm,  
 Downies,PorthlethenAberdeen, Aberdeenshire AB12 4QX,  
 GB-Storbritannia  
 WARDLEY, Michael, 52 Cairnfield PlaceAberdeen,  
 Aberdeenshire, AB15 5NA, GB-Storbritannia  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
 (54) **Benevnelse:**  
 DOWNHOLE TOOL AND METHOD

(51) **Klasse :** *E21B 27/02 (2006.01)*  
*E21B 37/06 (2006.01)*  
*E21B 43/25 (2006.01)*  
 (87) **EP Publ.nr:** EP3464791  
 (86) **EP søkn.nr:** 17727350.5  
 (86) **EP innl.dag:** 2017.05.26  
 (87) **EP publ.dag:** 2019.04.10  
 (80) **EP meddelt :** 2020.12.02  
 (30) **Prioritet:** 2016.05.26, GB, 201609287  
 (86) **Int.inndag :** 2017.05.26  
 (86) **Int.søknadsnr :** PCT/GB2017/051518  
 (73) **Innehaver:**  
 Metrol Technology Limited, Unit 24, Kirkhill Place Kirkhill  
 Industrial Estate DyceAberdeen, Aberdeenshire AB21  
 0GU, GB-Storbritannia  
 (72) **Oppfinner:**  
 ROSS, Shaun Compton, West Cults House493 North  
 Deeside RoadCultsAberdeenAberdeenshire AB15 9ES,  
 GB-Storbritannia  
 JARVIS, Leslie David, LiathachWoodcot  
 LaneStonehavenAberdeenshire AB39 2GJ, GB-  
 Storbritannia  
 (74) **Fullmektig:**  
 Nordic Patent Service A/S, Bredgade 30, 1260  
 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 APPARATUS AND METHOD TO EXPEL FLUID

(51) **Klasse :** *E21B 29/00 (2006.01)*  
*E21B 10/32 (2006.01)*  
*E21B 17/10 (2006.01)*  
*E21B 29/06 (2006.01)*  
 (87) **EP Publ.nr:** EP3350408  
 (86) **EP søkn.nr:** 16849362.5  
 (86) **EP innl.dag:** 2016.09.14  
 (87) **EP publ.dag:** 2018.07.25  
 (80) **EP meddelt :** 2020.12.09  
 (30) **Prioritet:** 2015.09.15, US, 201562218953 P  
 (86) **Int.inndag :** 2016.09.14  
 (86) **Int.søknadsnr :** PCT/US2016/051780  
 (73) **Innehaver:**  
 Abrado Inc., 16203 Park Row Suite 160Houston, Texas  
 77084, US-USA  
 (72) **Oppfinner:**  
 RUTTLEY, David, J., 2708 Pin Oak DriveMarrero, LA 7002,  
 US-USA  
 (74) **Fullmektig:**  
 PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
 (54) **Benevnelse:**  
 DOWNHOLE TUBULAR MILLING APPARATUS,  
 ESPECIALLY SUITABLE FOR DEPLOYMENT ON  
 COILED TUBING

(51) **Klasse :** *E21B 34/14 (2006.01)*  
*E21B 17/00 (2006.01)*  
*E21B 33/04 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 43/10 (2006.01)*  
*E21B 44/00 (2006.01)*  
 (87) **EP Publ.nr:** EP2661536  
 (86) **EP søkn.nr:** 11855215.7  
 (86) **EP innl.dag:** 2011.12.27  
 (87) **EP publ.dag:** 2013.11.13  
 (80) **EP meddelt :** 2020.12.02  
 (30) **Prioritet:** 2011.01.06, US, 985907  
 (86) **Int.inndag :** 2011.12.27  
 (86) **Int.søknadsnr :** PCT/US2011/067379  
 (73) **Innehaver:**  
 Halliburton Energy Services Inc., 3000 N. Sam Houston  
 Parkway E.Houston, Texas 77032, US-USA  
 (72) **Oppfinner:**  
 WATSON, Brock, 90 Siebman RoadSadler, TX 76264, US-  
 USA  
 MOELLER, Daniel, 2601 E. Beltline Rd.1-E-358-  
 1Carrollton, TX 75006, US-USA  
 MILLER, Kevin J., 5622 Forney RoadDallas, TX 75227,  
 US-USA  
 (74) **Fullmektig:**  
 A.A. Thornton & Co., Octagon Point, 5 Cheapside,  
 EC2V6AA LONDON, Storbritannia  
 (54) **Benevnelse:**  
 LOW EQUIVALENT CIRCULATION DENSITY SETTING  
 TOOL

- (51) **Klasse :** *E21B 43/12 (2006.01)*  
*E21B 4/04 (2006.01)*  
*F16J 15/46 (2006.01)*
- (87) **EP Publ.nr:** EP3384127  
(86) **EP søkn.nr:** 16819224.3  
(86) **EP innl.dag:** 2016.11.30  
(87) **EP publ.dag:** 2018.10.10  
(80) **EP meddelt :** 2020.07.22  
(30) **Prioritet:** 2015.12.04, US, 201514959137  
(86) **Int.inndag :** 2016.11.30  
(86) **Int.søknadsnr :** PCT/US2016/064141  
(73) **Innehaver:**  
General Electric Company, 1 River RoadSchenectady, NY 12345, US-USA
- (72) **Oppfinner:**  
WANG, Jifeng, General Electric Company Global ResearchOne Research CircleBldg. K1-3a59Niskayuna, NY 12309, US-USA  
SAMUDRALA, Omprakash, General Electric Company Global ResearchOne Research CircleBldg. K1-3a59Niskayuna, NY 12309, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SEAL ASSEMBLY FOR A SUBMERSIBLE PUMPING SYSTEM AND AN ASSOCIATED METHOD THEREOF

- (51) **Klasse :** *E21B 43/34 (2006.01)*  
*B01D 17/00 (2006.01)*  
*E21B 43/36 (2006.01)*  
*E21B 43/40 (2006.01)*
- (87) **EP Publ.nr:** EP3137732  
(86) **EP søkn.nr:** 15723341.2  
(86) **EP innl.dag:** 2015.04.10  
(87) **EP publ.dag:** 2017.03.08  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2014.04.29, US, 201461985873 P  
2015.02.27, US, 201562126148 P  
(86) **Int.inndag :** 2015.04.10  
(86) **Int.søknadsnr :** PCT/US2015/025383  
(73) **Innehaver:**  
ExxonMobil Upstream Research Company, 22777 Springwoods Village ParkwaySpring, TX 77389, US-USA
- (72) **Oppfinner:**  
GRAVE, Edward J., 333 Green Cove DriveMontgomery, TX 77356, US-USA  
BYMASTER, Adam S., 1706 Taylor Bridge CourtBurleson, TX 76028, US-USA  
OLSON, Michael D., 4020 Bent Elm LaneFort Worth, TX 76109, US-USA  
LARNHOLM, Per-Reidar, Refsnæsstranda 11518 MossNorge  
WHITNEY, Scott M., 27603 Siandra Creek LaneSpring, TX 77386, US-USA
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvaien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
MULTIPHASE SEPARATION SYSTEM

- (51) **Klasse :** *F16H 57/08 (2006.01)*  
*F16H 3/66 (2006.01)*
- (87) **EP Publ.nr:** EP3379107  
(86) **EP søkn.nr:** 17162687.2  
(86) **EP innl.dag:** 2017.03.23  
(87) **EP publ.dag:** 2018.09.26  
(80) **EP meddelt :** 2020.11.25  
(73) **Innehaver:**  
Cascade Drives AB, KIC InnoEnergy AB Valhallavägen 79114 28 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
LUNDBÄCK, Stig, Säteribacken 8Östra Tynningö185 92 Vaxholm, SE-Sverige
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
COMPOUND PLANET GEAR ARRANGEMENT AND GEAR WHEEL ARRANGEMENT

- (51) **Klasse :** *F16J 15/00 (2006.01)*  
*F16J 15/34 (2006.01)*  
*F16J 15/38 (2006.01)*
- (87) **EP Publ.nr:** EP2929219  
(86) **EP søkn.nr:** 13861407.8  
(86) **EP innl.dag:** 2013.12.09  
(87) **EP publ.dag:** 2015.10.14  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2012.12.07, US, 201261734691 P  
(86) **Int.inndag :** 2013.12.09  
(86) **Int.søknadsnr :** PCT/US2013/073890  
(73) **Innehaver:**  
A.W. Chesterton Company, 860 Salem StreetGroveland MA 01834, US-USA
- (72) **Oppfinner:**  
CID, Edwin, 140 South Elm StreetBradford, MA 01835, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SPLIT MECHANICAL SEAL HAVING NON-FLAT END FACES

- (51) **Klasse :** *F16L 59/135 (2006.01)*
- (87) **EP Publ.nr:** EP3534055  
(86) **EP søkn.nr:** 18159736.0  
(86) **EP innl.dag:** 2018.03.02  
(87) **EP publ.dag:** 2019.09.04  
(80) **EP meddelt :** 2020.12.02  
(73) **Innehaver:**  
Uponor Innovation AB, P.O. Box 2115561 Nastola, FI-Finland
- (72) **Oppfinner:**  
Inha, Teemu, Pöytäalhontie 36 A04430 Järvenpää, FI-Finland  
Laurila, Mika, Kylvötie 1315860 Hollola, FI-Finland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
PLUMBING ARRANGEMENT

- (51) **Klasse :** *F17C 3/02 (2006.01)*  
*F17C 3/08 (2006.01)*
- (87) **EP Publ.nr:** EP3523567  
(86) **EP søkn.nr:** 16784947.0  
(86) **EP innl.dag:** 2016.10.05  
(87) **EP publ.dag:** 2019.08.14  
(80) **EP meddelt :** 2020.12.02  
(86) **Int.inndag :** 2016.10.05  
(86) **Int.søknadsnr :** PCT/FI2016/050693  
(73) **Innehaver:**  
Wärtsilä Finland Oy, Järvikatu 2-465100 Vaasa, FI-Finland
- (72) **Oppfinner:**  
BOARO, Luca, c/o Wärtsilä Italia S.p.ABagnoli della Rosandra 334Trieste, IT-Italia  
ZOTTI, Andrea, c/o Wärtsilä Italia S.p.ABagnoli della Rosandra 334Trieste, IT-Italia
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
A FUEL TANK UNIT

- (51) **Klasse :** *F24D 15/02 (2006.01)*
- (87) **EP Publ.nr:** EP3022494  
(86) **EP søkn.nr:** 14744755.1  
(86) **EP innl.dag:** 2014.07.10  
(87) **EP publ.dag:** 2016.05.25  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2013.07.15, DE, 102013107463  
(86) **Int.inndag :** 2014.07.10  
(86) **Int.søknadsnr :** PCT/DE2014/100244  
(73) **Innehaver:**  
Holub, Jan, Muskauerstrasse 14902943 Weisswasser, DE-Tyskland
- (72) **Oppfinner:**  
Holub, Jan, Muskauerstrasse 14902943 Weisswasser, DE-Tyskland
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
SYSTEM FOR STORING ENERGY

- (51) **Klasse :** *F25J 1/00 (2006.01)*  
*B63B 35/44 (2006.01)*  
*C10L 3/06 (2006.01)*
- (87) **EP Publ.nr:** EP2629035  
(86) **EP søkn.nr:** 11832503.4  
(86) **EP innl.dag:** 2011.10.07  
(87) **EP publ.dag:** 2013.08.21  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2010.10.13, JP, 2010230766  
(86) **Int.inndag :** 2011.10.07  
(86) **Int.søknadsnr :** PCT/JP2011/073255  
(73) **Innehaver:**  
Mitsubishi Shipbuilding Co., Ltd., 3-1, Minatomirai 3-Chome Nishi-kuYokohama-shiKanagawa 220-8401, JP-Japan
- (72) **Oppfinner:**  
OKA, Masaru, C/O MITSUBISHI HEAVY INDUSTRIES LTD.16-5 Konan 2-chomeMinato-kuTokyo 108-8215, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LIQUEFACTION DEVICE AND FLOATING LIQUEFIED GAS PRODUCTION EQUIPMENT COMPRISING THE DEVICE

- (51) **Klasse :** *G01N 3/08 (2006.01)*  
*G01L 5/00 (2006.01)*  
*G01N 3/06 (2006.01)*
- (87) **EP Publ.nr:** EP3267166  
(86) **EP søkn.nr:** 16758785.6  
(86) **EP innl.dag:** 2016.02.22  
(87) **EP publ.dag:** 2018.01.10  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2015.03.05, JP, 2015043082  
(86) **Int.inndag :** 2016.02.22  
(86) **Int.søknadsnr :** PCT/JP2016/055059  
(73) **Innehaver:**  
Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.), 2-4, Wakinohama-Kaigandori 2-chome Chuo-kuKobe-shi, Hyogo 651-8585, JP-Japan
- (72) **Oppfinner:**  
OKITA, Keisuke, c/o Kobe Corporate Research Laboratories inKobe Steel, Ltd.5-5, Takatsukadai 1-chomeNishi-kuKobe-shi, Hyogo 651-2271, JP-Japan  
NAKAGAWA, Tomokazu, c/o Kobe Steel, Ltd.9-12, Kitashinagawa 5-chomeShinagawa-kuTokyo 141-8688, JP-Japan  
YAMADA, Mariko, c/o Takasago Works in Kobe Steel, Ltd.3-1, Shinhama 2-chomeArai-choTakasago-shi, Hyogo 676-8670, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
RESIDUAL STRESS ESTIMATION METHOD AND RESIDUAL STRESS ESTIMATION DEVICE

- (51) **Klasse :** *G01N 21/31 (2006.01)*  
*G01N 24/10 (2006.01)*  
*G01N 33/28 (2006.01)*
- (87) **EP Publ.nr:** EP2989444  
(86) **EP søkn.nr:** 13817751.4  
(86) **EP innl.dag:** 2013.06.18  
(87) **EP publ.dag:** 2016.03.02  
(80) **EP meddelt :** 2020.10.07  
(86) **Int.inndag :** 2013.06.18  
(86) **Int.søknadsnr :** PCT/RU2013/000510  
(73) **Innehaver:**  
Siemens Energy Global GmbH & Co. KG, Otto-Hahn-Ring 681739 München, DE-Tyskland
- (72) **Oppfinner:**  
DOLGOPYATOV, Dmitry Antonovich, Lukinskaya Str. 11appt. 411Moscow119634, RU-Russland  
BREKKE, Endre, Ole Norgaardsveg 27Trondheim7049Norge  
JANY, Sandra Silke, Bratsbergvegen 131Trondheim7036Norge  
MALININ, Vitaly Vladimirovich, Marshal Konev str.16appt. 57Moscow123060, RU-Russland  
NIKOLIN, Ivan Vladimirovich, Skobelevskaya 23-4-163Moscow117042, RU-Russland
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND SYSTEM FOR MONITORING THE QUALITY OF FLUIDS

- (51) **Klasse :** **G06K 7/10 (2006.01)**  
 (87) **EP Publ.nr.:** EP3005222  
 (86) **EP søkn.nr.:** 14732637.5  
 (86) **EP innl.dag:** 2014.06.02  
 (87) **EP publ.dag:** 2016.04.13  
 (80) **EP meddelt :** 2020.12.30  
 (30) **Prioritet:** 2013.06.03, GB, 201309869  
 (86) **Int.inndag :** 2014.06.02  
 (86) **Int.søknadsnr :** PCT/IB2014/061897  
 (73) **Innehaver:**  
 Ocado Innovation Limited, The Legal Department 1 Trident  
 Place Mosquito WayHatfield, Herts AL10 9UL, GB-  
 Storbritannia  
 (72) **Oppfinner:**  
 LINDBO, Lars Sverker Ture, c/o OCADO LIMITEDTitan  
 Court3 Bishops SquareHatfield Business  
 ParkHatfieldHertfordshire AL10 9NE, GB-Storbritannia  
 CLARKE, Paul, c/o OCADO LIMITEDTitan Court3 Bishops  
 SquareHatfield Business ParkHatfieldHertfordshire AL10  
 9NE, GB-Storbritannia  
 ENGLE, Matthew D., c/o OCADO LIMITEDTitan Court3  
 Bishops SquareHatfield Business ParkHatfieldHertfordshire  
 AL10 9NE, GB-Storbritannia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 HEAD-MOUNTED CODE SCANNER

- (51) **Klasse :** **G06Q 20/32 (2012.01)**  
**G06F 21/35 (2013.01)**  
 (87) **EP Publ.nr.:** EP3042350  
 (86) **EP søkn.nr.:** 14776927.7  
 (86) **EP innl.dag:** 2014.08.29  
 (87) **EP publ.dag:** 2016.07.13  
 (80) **EP meddelt :** 2020.10.21  
 (30) **Prioritet:** 2013.09.02, CN, 201310392680  
 (86) **Int.inndag :** 2014.08.29  
 (86) **Int.søknadsnr :** PCT/US2014/053559  
 (73) **Innehaver:**  
 Advanced New Technologies Co., Ltd., Cayman Corporate  
 Centre 27 Hospital RoadGeorge Town, Grand Cayman  
 KY1-9008, KY-Cayman-øyene  
 (72) **Oppfinner:**  
 DANG, Tao, c/o Alibaba Group Legal Department5/F  
 Building 3No. 969 West Wen Yi RoadYu Hang  
 DistrictHangzhou 311121, CN-Kina  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 APPROVAL OF A PAYMENT BY READING A QR CODE  
 GENERATED BY A SEPARATE USER OR DEVICE

- (51) **Klasse :** **G16H 50/20 (2018.01)**  
 (87) **EP Publ.nr.:** EP3304365  
 (86) **EP søkn.nr.:** 15771717.4  
 (86) **EP innl.dag:** 2015.06.03  
 (87) **EP publ.dag:** 2018.04.11  
 (80) **EP meddelt :** 2020.10.21  
 (86) **Int.inndag :** 2015.06.03  
 (86) **Int.søknadsnr :** PCT/IT2015/000146  
 (73) **Innehaver:**  
 Laboratori Di Informatica Applicata Di Giuseppe Capasso,  
 Via Fratelli Cairoli 3809134 Cagliari (CA), IT-Italia  
 (72) **Oppfinner:**  
 ANTONELLI INCALZI, Raffaele Franco, Piazza Villa  
 Carpegna 581-00165 Roma, IT-Italia  
 RUBIO, Francesca Maria Barbara, Via del Carrettiere  
 s.n.08048 Tortoli (OG), IT-Italia  
 BUSSU, Angela Maria, Via G. Catte 181-08048 Tortoli, IT-  
 Italia  
 CAPASSO, Giuseppe, Via F.lli Cairoli 381-09134 Cagliari  
 (CA), IT-Italia  
 IANNELLO, Giulio, Via di Trigoria 60/B00128 Roma, IT-  
 Italia  
 MERONE, Mario, Via Bencivenga 701-00141 Roma (RM),  
 IT-Italia  
 ONOFRI, Leonardo, Via Undici Febbraio 821-05100 Terni  
 (TR), IT-Italia  
 PEDONE, Claudio, Via Basaluzzo 381-00166 Roma (RM),  
 IT-Italia  
 SODA, Paolo, Via dei Prati Fiscali 1141-00141 Roma (RM),  
 IT-Italia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 SYSTEM FOR THE DETECTION AND THE EARLY  
 PREDICTION OF THE APPROACHING OF  
 EXACERBATIONS IN PATIENTS SUFFERING FROM  
 CHRONIC OBSTRUCTIVE BRONCOPNEUMATY

- (51) **Klasse :** **H01H 71/02 (2006.01)**  
**H01H 71/00 (2006.01)**  
 (87) **EP Publ.nr.:** EP3376520  
 (86) **EP søkn.nr.:** 16863496.2  
 (86) **EP innl.dag:** 2016.09.23  
 (87) **EP publ.dag:** 2018.09.19  
 (80) **EP meddelt :** 2020.10.28  
 (30) **Prioritet:** 2015.11.10, CN, 201520891438 U  
 (86) **Int.inndag :** 2016.09.23  
 (86) **Int.søknadsnr :** PCT/CN2016/099789  
 (73) **Innehaver:**  
 Zhejiang Chint Electrics Co., Ltd., No.1 Chint Road Chint  
 Industrial Zone North BaixiangYueqing, Zhejiang 325603,  
 CN-Kina  
 (72) **Oppfinner:**  
 LEI, Hongjian, No.1 CHINT RoadCHINT Industrial  
 ZoneNorth BaixiangYueqing, Zhejiang 325603, CN-Kina  
 DAI, Zhaoxu, No.1 CHINT RoadCHINT Industrial  
 ZoneNorth BaixiangYueqing, Zhejiang 325603, CN-Kina  
 WANG, Wentao, No.1 CHINT RoadCHINT Industrial  
 ZoneNorth BaixiangYueqing, Zhejiang 325603, CN-Kina  
 ZHANG, Yingbo, No.1 CHINT RoadCHINT Industrial  
 ZoneNorth BaixiangYueqing, Zhejiang 325603, CN-Kina  
 WANG, Keming, No.1 CHINT RoadCHINT Industrial  
 ZoneNorth BaixiangYueqing, Zhejiang 325603, CN-Kina  
 CHEN, Xinhao, No.1 CHINT RoadCHINT Industrial  
 ZoneNorth BaixiangYueqing, Zhejiang 325603, CN-Kina  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 AIR CIRCUIT BREAKER

- (51) **Klasse :** *H03K 17/12 (2006.01)*  
*H03K 17/08 (2006.01)*
- (87) **EP Publ.nr:** EP3104526
- (86) **EP søkn.nr:** 15171259.3
- (86) **EP innl.dag:** 2015.06.09
- (87) **EP publ.dag:** 2016.12.14
- (80) **EP meddelt :** 2020.12.02
- (73) **Innehaver:**  
Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chomeChiyoda-kuTokyo 100-8310, JP-Japan
- (72) **Oppfinner:**  
Ewanchuk, Jeffrey, Mitsubishi Electric R&D Centre Europe1 allée de BeaulieuCS 1080635708 Rennes Cedex 7, FR-Frankrike  
Mollov, Stefan, Mitsubishi Electric R&D Centre Europe1 allée de BeaulieuCS 1080635708 Rennes Cedex 7, FR-Frankrike  
Voyer, Nicolas, Mitsubishi Electric R&D Centre EuropeP.O. Box 108061 allée de Beaulieu35708 Rennes CEDEX 7, FR-Frankrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR CONTROLLING A MULTI-DIE POWER MODULE

- (51) **Klasse :** *H04L 29/08 (2006.01)*
- (87) **EP Publ.nr:** EP3185512
- (86) **EP søkn.nr:** 15834055.4
- (86) **EP innl.dag:** 2015.08.11
- (87) **EP publ.dag:** 2017.06.28
- (80) **EP meddelt :** 2020.10.07
- (30) **Prioritet:** 2014.08.22, CN, 201410418834
- (86) **Int.inndag :** 2015.08.11
- (86) **Int.søknadsnr :** PCT/CN2015/086614
- (73) **Innehaver:**  
Advanced New Technologies Co., Ltd., Cayman Corporate Centre 27 Hospital RoadGeorge Town, Grand Cayman KY1-9008, KY-Cayman-øyene
- (72) **Oppfinner:**  
ZHANG, Yan, Alibaba Group Legal Department 5/FBuilding 3No.969 West Wen Yi RoadYu Hang DistrictHangzhouZhejiang 311121, CN-Kina
- (74) **Fullmektig:**  
Advanced New Technologies Co., Ltd., Cayman Corporate Centre, 27 Hospital Road, 1-9008 GEORGE TOWN, GRAND CAYMAN, Cayman-øyene
- (54) **Benevnelse:**  
METHOD AND DEVICE FOR PROCESSING CONTINUOUS REDIRECTION

- (51) **Klasse :** *H04N 21/218 (2011.01)*  
*H04N 21/20 (2011.01)*  
*H04N 21/2225 (2011.01)*  
*H04N 21/2343 (2011.01)*  
*H04N 21/4147 (2011.01)*  
*H04N 21/418 (2011.01)*  
*H04N 21/433 (2011.01)*  
*H04N 21/437 (2011.01)*  
*H04N 21/44 (2011.01)*  
*H04N 21/6379 (2011.01)*  
*H04N 21/845 (2011.01)*
- (87) **EP Publ.nr:** EP3238451
- (86) **EP søkn.nr:** 15823707.3
- (86) **EP innl.dag:** 2015.12.22
- (87) **EP publ.dag:** 2017.11.01
- (80) **EP meddelt :** 2020.11.18
- (30) **Prioritet:** 2014.12.24, FR, 1463305
- (86) **Int.inndag :** 2015.12.22
- (86) **Int.søknadsnr :** PCT/FR2015/053732
- (73) **Innehaver:**  
Softathome, 9-11 rue Débarcadère92700 Colombes, FR-Frankrike
- (72) **Oppfinner:**  
CREUSOT, Daniel, 4 Rue des Tulipes78960 Voisins le Bretonneux, FR-Frankrike  
GRAVE, Philippe, 12 Chemin Pierre de Ronsard92400 Courbevoie, FR-Frankrike  
GUITTON, Pierre, 70 Boulevard de Charonne75020 Paris, FR-Frankrike  
VAN DEN BERG, Romain, 11 Rue Bichat75010 Paris, FR-Frankrike  
MAKOWSKI, Wojciech, 15 Rue de St.Germain78230 Le Pecq, FR-Frankrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
MULTIMEDIA CONTENT DISTRIBUTION SYSTEM

- (51) **Klasse :** *H04W 4/00 (2018.01)*  
*H04L 5/00 (2006.01)*  
*H04L 25/02 (2006.01)*  
*H04L 27/26 (2006.01)*  
*H04W 24/02 (2009.01)*  
*H04W 48/12 (2009.01)*  
*H04W 48/20 (2009.01)*  
*H04W 72/00 (2009.01)*
- (87) **EP Publ.nr:** EP2135473
- (86) **EP søkn.nr:** 08724334.1
- (86) **EP innl.dag:** 2008.04.03
- (87) **EP publ.dag:** 2009.12.23
- (80) **EP meddelt :** 2020.12.23
- (30) **Prioritet:** 2007.04.11, SE, 0700900
- (86) **Int.inndag :** 2008.04.03
- (86) **Int.søknadsnr :** PCT/SE2008/050388
- (73) **Innehaver:**  
Optis Wireless Technology, LLC, P.O. Box 250649Plano, TX 75025, US-USA
- (72) **Oppfinner:**  
PARKVALL, Stefan, Västmannagatan 53S-113 25 Stockholm, SE-Sverige  
ASTELY, David, Stobaeusvägen 22S-168 56 Bromma, SE-Sverige  
DAHLMAN, Erik, Tackjärnsvägen 12S-168 68 Bromma, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
INFORMATION ON REFERENCE SIGNAL STRUCTURE FOR NEIGHBOURING CELL MEASUREMENTS



## 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.:** 343707  
(21) **Søknadsnr.:** 20171770  
(73) **Innehaver:** C ROBOTICS AS, Omagata 108, 6517 KRISTIANSUND N, Norge  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.11

(11) **Patent nr.:** 343706  
(21) **Søknadsnr.:** 20170958  
(73) **Innehaver:** C ROBOTICS AS, Omagata 108, 6517 KRISTIANSUND N, Norge  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.11

(11) **Patent nr.:** NO/EP2509489  
(21) **Søknadsnr.:** EP2509489  
(73) **Innehaver:** LivaNova USA, Inc., 100 Cyberonics Blvd., TX77058 HOUSTON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.12

(11) **Patent nr.:** NO/EP2538851  
(21) **Søknadsnr.:** EP2538851  
(73) **Innehaver:** LivaNova USA, Inc., 100 Cyberonics Blvd., TX77058 HOUSTON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.12

(11) **Patent nr.:** NO/EP2823775  
(21) **Søknadsnr.:** EP2823775  
(73) **Innehaver:** LivaNova USA, Inc., 100 Cyberonics Blvd., TX77058 HOUSTON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.12

(11) **Patent nr.:** 334743  
(21) **Søknadsnr.:** 20033556  
(73) **Innehaver:** GW Research Limited, Porton Down Science Park, SP40JQ SALISBURY, WILTSHIRE, Storbritannia  
**Melding innkommet patentstyret:** 2021.02.15

(11) **Patent nr.:** 332663  
(21) **Søknadsnr.:** 20024222  
(73) **Innehaver:** GW Research Limited, Porton Down Science Park, SP40JQ SALISBURY, WILTSHIRE, Storbritannia  
**Melding innkommet patentstyret:** 2021.02.15

(11) **Patent nr.:** 339713  
(21) **Søknadsnr.:** 20074723  
(73) **Innehaver:** Appili Therapeutics Inc., #21-1344 Summer Street, NSB3H0A8 HALIFAX, Canada  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2623102  
(21) **Søknadsnr.:** EP2623102  
(73) **Innehaver:** Appili Therapeutics Inc., #21-1344 Summer Street, NSB3H0A8 HALIFAX, Canada  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2701729  
(21) **Søknadsnr.:** EP2701729  
(73) **Innehaver:** Biom'Up France SAS, 8 Allée Irène Joliot-Curie, 69800 SAINT-PRIEST, Frankrike  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.12

(11) **Patent nr.:** NO/EP2424579  
(21) **Søknadsnr.:** EP2424579  
(73) **Innehaver:** Biom'Up France SAS, 8 Allée Irène Joliot-Curie, 69800 SAINT-PRIEST, Frankrike  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.12

(11) **Patent nr.:** 333800  
(21) **Søknadsnr.:** 20043914  
(73) **Innehaver:** Appili Therapeutics Inc., #21-1344 Summer Street, NSB3H0A8 HALIFAX, Canada  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** 339158  
(21) **Søknadsnr:** 20070455  
(73) **Innehaver:** Appili Therapeutics Inc., #21-1344  
Summer Street, NSB3H0A8 HALIFAX,  
Canada  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(21) **Søknadsnr:** 20200128  
(71) **Søker:**  
Baker Hughes Pressure Control LP, 4424 West Sam  
Houston Parkway North, Suite 100, TX77041 HOUSTON,  
USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(21) **Søknadsnr:** 20093168  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield  
Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.12

(21) **Søknadsnr:** 20140115  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield  
Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.11

(21) **Søknadsnr:** 20131082  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield  
Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.11

(11) **Patent nr.:** NO/EP3079139  
(21) **Søknadsnr:** EP3079139  
(73) **Innehaver:** Biom'Up France SAS, 8 Allée Irène Joliot-  
Curie, 69800 SAINT-PRIEST, Frankrike  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.12

(11) **Patent nr.:** NO/EP2759032  
(21) **Søknadsnr:** EP2759032  
(73) **Innehaver:** Ensto Oy, Ensio Miettisen Katu 2, 06100  
PORVOO, Finland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2168257  
(21) **Søknadsnr:** EP2168257  
(73) **Innehaver:** Ovzon Sweden AB, Anderstorpsvägen  
10, 17154 SOLNA, Sverige  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.17

(11) **Patent nr.:** NO/EP3474516  
(21) **Søknadsnr:** EP3474516  
(73) **Innehaver:** Ant Financial (Hang Zhou) Network  
Technology Co., Ltd., No. 556 Xixi Road,  
8th Floor, Section B, Suite 801-10, West  
Lake District, Hangzhou, ZHEJIANG,  
Kina  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika,  
0118 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16



## Utløpte patenter

For følgende patenter er patenttiden utløpt.

(11) Patentnr: 313482	(11) Patentnr: 331971
(11) Patentnr: 330035	(11) Patentnr: 2010011
(11) Patentnr: 333350	(11) Patentnr: 336940
(11) Patentnr: 337221	(11) Patentnr: 334079
(11) Patentnr: 324717	(11) Patentnr: 335780
(11) Patentnr: 332604	(11) Patentnr: 337124
(11) Patentnr: 334188	(11) Patentnr: 313298
(11) Patentnr: 330245	(11) Patentnr: 321814
(11) Patentnr: 329495	(11) Patentnr: 321815
(11) Patentnr: 328949	(11) Patentnr: 318479
(11) Patentnr: 337363	(11) Patentnr: 332923
(11) Patentnr: 2008014	(11) Patentnr: 336452
(11) Patentnr: 330581	(11) Patentnr: 323681
(11) Patentnr: 330759	(11) Patentnr: 324306
(11) Patentnr: 314389	(11) Patentnr: 317476
(11) Patentnr: 327769	(11) Patentnr: 327362
(11) Patentnr: 328521	(11) Patentnr: 311902
(11) Patentnr: 325644	(11) Patentnr: 330514
(11) Patentnr: 334879	(11) Patentnr: 320627
(11) Patentnr: 331614	(11) Patentnr: 333783
(11) Patentnr: 324604	(11) Patentnr: 313060
(11) Patentnr: 324485	(11) Patentnr: 322462
(11) Patentnr: 325241	(11) Patentnr: 322927
(11) Patentnr: 325443	(11) Patentnr: 321795
(11) Patentnr: 325532	(11) Patentnr: 334674
(11) Patentnr: 323553	(11) Patentnr: 334239
(11) Patentnr: 328648	(11) Patentnr: 319683
(11) Patentnr: 331935	(11) Patentnr: 335517
(11) Patentnr: 329840	(11) Patentnr: 335572

(11) Patentnr: 322868

(11) Patentnr: 323193

(11) Patentnr: 322810

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

## Kunngjøring etter patentforskriften § 80 (nye søknader).

(21) **Søknadsnr:** 2021008  
(22) **Inng.dag:** 2021.02.22  
(22) **Inng.dag basispatent:** 2002.08.29  
(11) **Basispatent nr:** 325443  
(24) **Løpedag:** 2001.02.26  
(73) **Innehaver:** AstraZeneca AB  
(74) **Fullmektig:** ZACCO NORWAY AS,  
Postboks 488, 0213 OSLO,  
Norge  
(95) **Produkt:** fedratinib eller et  
farmasøytisk akseptabelt salt  
derav  
(94) **Gyldig t.om:** 01/01/0001  
(92) **NO markedsførings-**  
**tillatelse nr:** EU/1/20/1514  
(92) **Dato for samme:** 2021.02.11  
(93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/20/1514  
(93) **Dato for samme:** 2021.02.08  
(54) **Benevnelse:** Pyrimidinderivater,  
fremgangsmåte for  
fremstilling av slike,  
farmasøytiske preparater  
inneholdende disse, disse  
forbindelsene anvendt i  
terapeutisk behandling samt  
anvendelse av disse for  
fremstilling av medikament  
for behandling av  
sykdommer

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(21) **Søknadsnr:** 2021009  
(22) **Inng.dag:** 2021.02.25  
(22) **Inng.dag basispatent:** 2002.06.21  
(11) **Basispatent nr:** 323699  
(24) **Løpedag:** 2000.12.11  
(73) **Innehaver:** Bayer Intellectual Property  
GmbH  
(74) **Fullmektig:** ZACCO NORWAY AS,  
Postboks 488, 0213 OSLO,  
Norge  
(95) **Produkt:** XARELTO - forlenget SPC  
(94) **Gyldig t.om:** 01/01/0001  
(92) **NO markedsførings-**  
**tillatelse nr:** EU/1/08/472/001-008/NO  
(92) **Dato for samme:** 2008.10.09  
(54) **Benevnelse:** Substituerte oksazolidinoner,  
fremgangsmåte for  
fremstilling derav og deres  
anvendelse innenfor feltet  
blodkoagulasjon

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## Meddelte supplerende beskyttelsessertifikater for legemidler (spc)

### Kunngjøring etter patentforskriften § 85 (meddelte sertifikater).

(21)	<b>Søknadsnr:</b>	<b>2019039</b>
(22)	<b>Inng.dag:</b>	2019.11.05
(22)	<b>Inng.dag basispatent:</b>	2004.03.10
(11)	<b>Basispatent nr:</b>	<b>343687</b>
(24)	<b>Løpedag:</b>	2002.06.25
(73)	<b>Innehaver:</b>	Amgen Fremont Inc.
(74)	<b>Fullmektig:</b>	ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
(95)	<b>Produkt:</b>	Denosumab
(94)	<b>Gyldig t.om:</b>	2025.05.28
(92)	<b>NO markedsførings- tillatelse nr:</b>	EU/1/10/618/001-004
(92)	<b>Dato for samme:</b>	2010.06.14
(93)	<b>Første markedsføringstillatelse innen EØS-området:</b>	EU/1/10/618/001-004/N
(93)	<b>Dato for samme:</b>	2010.05.28
(54)	<b>Benevnelse:</b>	OPGL bindende antistoff og farmasøytisk sammensetning derav

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## Endring i fullmaktsforhold

(21) **Søknadsnr:** EP3116946  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvaien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2021.02.15

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(11) **Patentnr:** 332663  
(21) **Søknadsnr:** 20024222  
(73) **Innehaver:**  
GW Research Limited, Porton Down Science Park,  
SP40JQ SALISBURY, WILTSHIRE, Storbritannia  
**Melding innkommet patentstyret:**  
2021.02.15

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(11) **Patentnr:** 334743  
(21) **Søknadsnr:** 20033556  
(73) **Innehaver:**  
GW Research Limited, Porton Down Science Park,  
SP40JQ SALISBURY, WILTSHIRE, Storbritannia  
**Melding innkommet patentstyret:**  
2021.02.15

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(11) **Patentnr:** NO/EP2509489  
(21) **Søknadsnr:** EP2509489  
(73) **Innehaver:**  
LivaNova USA, Inc., 100 Cyberonics Blvd., TX77058  
HOUSTON, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.12

---

(11) **Patentnr:** NO/EP2538851  
(21) **Søknadsnr:** EP2538851  
(73) **Innehaver:**  
LivaNova USA, Inc., 100 Cyberonics Blvd., TX77058  
HOUSTON, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.12

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(11) **Patentnr:** NO/EP2823775  
(21) **Søknadsnr:** EP2823775  
(73) **Innehaver:**  
LivaNova USA, Inc., 100 Cyberonics Blvd., TX77058  
HOUSTON, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.12

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