

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

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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 61/60 (2017.01)*  
 (21) **Søknadsnr:** 20190084  
 (22) **Inndag:** 2019.01.22  
 (41) **Allm.tilgj:** 2020.07.23  
 (24) **Løpedag:** 2019.01.22  
 (71) **Søker:**  
 AKVA Group ASA, Postboks 8057, 4068 STAVANGER  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
 SANDNES, Norge  
 (72) **Oppfinner:**  
 Øyvind Fedøy, Svanavågveien 30, 4374 EGRSUND  
 Monica Dybing, Gamle Hestnesvei 64, 4372 EGRSUND  
 (54) **Benevnelse:**  
 Merd med fast posisjonert bunnring

(51) **Klasse:** *A23K 10/18 (2016.01)*  
*A23K 50/80 (2016.01)*  
*A61K 35/741 (2015.01)*  
 (21) **Søknadsnr:** 20200776  
 (22) **Inndag:** 2020.07.01  
 (41) **Allm.tilgj:** 2020.07.01  
 (86) **Int.inndag:** 2019.01.08  
 (86) **Int.søknadsnr:** PCT/EP2019/050336  
 (24) **Løpedag:** 2019.01.08  
 (71) **Søker:**  
 PREVIWO AS, Ullevålsveien 68, 0454 OSLO  
 (74) **Fullmektig:**  
 Valea AB, Box 1098, 40523 GÖTEBORG, Sverige  
 (72) **Oppfinner:**  
 Henning Sørum, Larsbråtveien 149, 0674 OSLO  
 (54) **Benevnelse:**  
 PROBIOTIC BACTERIA FOR FISH

(51) **Klasse:** *A24B 15/10 (2006.01)*  
*A24B 15/28 (2006.01)*  
*A24B 15/16 (2006.01)*  
 (21) **Søknadsnr:** 20190141  
 (22) **Inndag:** 2019.02.01  
 (41) **Allm.tilgj:** 2020.08.03  
 (85) **Videref.dag:** 2019.02.04  
 (24) **Løpedag:** 2019.02.01  
 (71) **Søker:**  
 Swedish Match North Europe AB, 11885 STOCKHOLM,  
 Sverige (SE)  
 (74) **Fullmektig:**  
 Valea AB, Box 1098, 40523 GÖTEBORG, Sverige  
 (72) **Oppfinner:**  
 Mårten Kindvall, Gunnel Weinås väg 17, 41524  
 GÖTEBORG, Sverige (SE)  
 (54) **Benevnelse:**  
 AN ORAL NICOTINE PRODUCT COMPRISING A pH  
 ADJUSTING AGENT

Krav på norsk er innkommet 2020.05.08.

(51) **Klasse:** *A63C 9/02 (2012.01)*  
*A63C 13/00 (2006.01)*  
 (21) **Søknadsnr:** 20190097  
 (22) **Inndag:** 2019.01.25  
 (41) **Allm.tilgj:** 2020.07.27  
 (24) **Løpedag:** 2019.01.25  
 (71) **Søker:**  
 Snowmotion AS, Fredensborgveien 24 D, 0177 OSLO  
 (74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
 Norge  
 (72) **Oppfinner:**  
 Christian Brunsvig, Åsliveien 23, 1368 STABEKK  
 Liam Thomas Frank Woolley, Askehaugåsen 103, 1407  
 VINTERBRO  
 Kristian Wenstøp, Saxsegaardsgata 3B, 0192 OSLO  
 Fredrik Wenstøp, Oppsaltoppen 12 B, 0687 OSLO  
 Per Øivind Bang, Snippen 21 B, 0566 OSLO  
 (54) **Benevnelse:**  
 Skibinding

(51) **Klasse:** *B01D 17/00 (2006.01)*  
*B01D 21/26 (2006.01)*  
*B04C 5/00 (2006.01)*  
*C02F 1/00 (2006.01)*  
*E21B 43/34 (2006.01)*  
 (21) **Søknadsnr:** 20190082  
 (22) **Inndag:** 2019.01.22  
 (41) **Allm.tilgj:** 2020.07.23  
 (24) **Løpedag:** 2019.01.22  
 (71) **Søker:**  
 RENA QUALITY GROUP AS, Breivikveien 29 C, 4014  
 STAVANGER  
 (74) **Fullmektig:**  
 ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
 Norge  
 (72) **Oppfinner:**  
 Ørjan Weider Samuelsen, Halvdan Svartes gate 11 B,  
 4044 HAFRSFJORD  
 (54) **Benevnelse:**  
 ET VANN-OLJE-SLAM SEPARASJONSANLEGG

(51) **Klasse:** *B08B 3/02 (2006.01)*  
*B63B 59/06 (2006.01)*  
*B05B 3/06 (2006.01)*  
*B63B 59/08 (2006.01)*  
*B63B 59/00 (2006.01)*  
*B63B 59/10 (2006.01)*  
 (21) **Søknadsnr:** 20200676  
 (22) **Inndag:** 2020.06.08  
 (41) **Allm.tilgj:** 2019.08.05  
 (62) **Utskilt fra:** 20180168, med inndato 2018.02.02  
 (62) **Avdelt fra:** 20180168, med inndato 2018.02.02  
 (24) **Løpedag:** 2018.02.02  
 (68) **Basispatent:** 20180168, med inndato 2018.02.02  
 (71) **Søker:**  
 BRAVO MARINE AS, Postboks 423, 5501 HAUGESUND  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
 SANDNES, Norge  
 (72) **Oppfinner:**  
 Rune Haave, St. Olavs plass 6, 5523 HAUGESUND  
 Jørgen Haave, Flåttmyrgata 123, 5527 HAUGESUND  
 (54) **Benevnelse:**  
 Cleaning disc for cleaning a submerged portion of a  
 structure

- (51) **Klasse:** *B22D 3/00 (2006.01)*  
*B22D 13/00 (2006.01)*  
*C22B 1/02 (2006.01)*  
*C22B 7/00 (2006.01)*
- (21) **Søknadsnr:** 20200770  
(22) **Inndag:** 2020.07.01  
(41) **Allm.tilgj:** 2020.07.01  
(30) **Prioritet:** 2018.01.30, RU, 2018103548  
(86) **Int.inndag:** 2019.01.10  
(86) **Int.søknadsnr:** PCT/RU2019/50001  
(24) **Løpedag:** 2019.01.10  
(71) **Søker:**  
OBSSHCHESTVO S OGRANICHENNOY  
OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA  
RUSAL "INZHENERNO-TEKHNOLOGICHESKIY  
TSENTR", ul. Pogranichnikov, 37, str. 1, 660111  
KRASNOYARSK, Russland (RU)
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge
- (72) **Oppfinner:**  
Aleksandr Olegovich GUSEV, ul. Pogranichnikov, 37, str.  
1 g., 660111 KRASNOYARSK, Russland (RU)  
Artem Valer'evich ZUBROVSKIJ, ul. Pogranichnikov,  
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Konstantin Vasil'evich EFIMOV, ul. Pogranichnikov, 37/1,  
660111 KRASNOYARSK, Russland (RU)  
Aleksiej Mikhajlovich AZAREVICH, ul. Pogranichnikov,  
37/1, 660111 KRASNOYARSK, Russland (RU)
- (54) **Benevnelse:**  
METHOD FOR PREPARING A CHARGE INGOT FOR  
PRODUCING ARTICLES BY CASTING
- Krav på norsk er innkommet 2020.07.09.

- (51) **Klasse:** *B22D 11/049 (2006.01)*  
*B22D 11/16 (2006.01)*  
*B22D 2/00 (2006.01)*
- (21) **Søknadsnr:** 20190143  
(22) **Inndag:** 2019.02.01  
(41) **Allm.tilgj:** 2020.08.03  
(24) **Løpedag:** 2019.02.01  
(71) **Søker:**  
Norsk Hydro ASA, 0240 OSLO
- (74) **Fullmektig:**  
Philip Speck, c/o Norsk Hydro ASA, Intellectual Property  
Department, 0240 OSLO, Norge
- (72) **Oppfinner:**  
Britt Elin Gihleengen, Tollvegen 7, 6620 ÄLVUNDEID
- (54) **Benevnelse:**  
Casting Method and Casting Apparatus for DC casting
- Krav på norsk er innkommet 2020.01.22.

- (51) **Klasse:** *B27L 11/00 (2006.01)*  
*D21B 1/04 (2006.01)*  
*G06N 20/00 (2019.01)*  
*G06N 5/00 (2006.01)*
- (21) **Søknadsnr:** 20190103  
(22) **Inndag:** 2019.01.28  
(41) **Allm.tilgj:** 2020.07.29  
(24) **Løpedag:** 2019.01.28  
(71) **Søker:**  
ABADJOM CONSULTING AS, Postboks 1780 Vika, 0122  
OSLO
- (72) **Oppfinner:**  
Martin Haugstvedt, Kirkeveien 102 C, 0374 OSLO  
Henrik Sundström, Odlaevägen 21, 92341 STENSELE,  
Sverige (SE)  
Bjørn Ivar Danielsen, Fridtjof Nansens vei 24A, 0369  
OSLO
- (54) **Benevnelse:**  
Optimal comminution and drying for repeatable  
homogenous wood particles
- Krav på norsk er innkommet 2020.06.26.

- (51) **Klasse:** *B65G 1/04 (2006.01)*
- (21) **Søknadsnr:** 20190089  
(22) **Inndag:** 2019.01.23  
(41) **Allm.tilgj:** 2020.07.24  
(24) **Løpedag:** 2019.01.23  
(71) **Søker:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578  
NEDRE VATS
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge
- (72) **Oppfinner:**  
Trond Austrheim, Nedre Teigen 12, 5590 ETNE
- (54) **Benevnelse:**  
Service vehicle, an automated storage and retrieval  
system and a method for operating a service vehicle on  
the system.

- (51) **Klasse:** *C09K 8/03 (2006.01)*  
*C09K 8/42 (2006.01)*  
*C04B 28/00 (2006.01)*  
*C04B 111/00 (2006.01)*
- (21) **Søknadsnr:** 20200802  
(22) **Inndag:** 2020.07.09  
(41) **Allm.tilgj:** 2020.07.09  
(30) **Prioritet:** 2018.03.12, US, 62/641,700  
(86) **Int.inndag:** 2018.08.24  
(86) **Int.søknadsnr:** PCT/US2018/047887  
(24) **Løpedag:** 2018.08.24  
(71) **Søker:**  
Halliburton Energy Services, Inc., 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:**  
Shantel Stone, 768 Holly Springs Drive, TX77302  
CONROE, USA (US)
- (54) **Benevnelse:**  
Effect of particle size on the hydraulic conductivity of  
geothermal grout systems

(51) **Klasse:** *E01F 9/627 (2016.01)*  
 (21) **Søknadsnr:** 20190083  
 (22) **Inndag:** 2019.01.22  
 (41) **Allm.tilgj:** 2020.07.23  
 (24) **Løpedag:** 2019.01.22  
 (71) **Søker:**  
 NORFAX AS, Gunnar Randers' vei 24, 2007 KJELLER  
 (74) **Fullmektig:**  
 ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
 Norge  
 (72) **Oppfinner:**  
 Ketil Mørk Tveten, Svartskogveien 20, 1420  
 SVARTSKOG  
 (54) **Benevnelse:**  
 Protective pliable bollard

(51) **Klasse:** *E21B 17/00 (2006.01)*  
*E21B 34/06 (2006.01)*  
*E21B 33/13 (2006.01)*  
*E21B 43/12 (2006.01)*  
 (21) **Søknadsnr:** 20200667  
 (22) **Inndag:** 2020.06.04  
 (41) **Allm.tilgj:** 2020.06.04  
 (86) **Int.inndag:** 2018.02.22  
 (86) **Int.søknadsnr:** PCT/US2018/019196  
 (24) **Løpedag:** 2018.02.22  
 (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston  
 Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 A.A. Thornton & Co., 15 Old Bailey, EC4M7EF LONDON,  
 Storbritannia  
 (72) **Oppfinner:**  
 Stephen Michael Greci, 3113 Luminara Drive, TX75068  
 LITTLE ELM, USA (US)  
 Michael Linley Fripp, 3826 Cemetery Hill Road, TX75007  
 CARROLLTON, USA (US)  
 Maxime PM Coffin, 4115 E Crescent Way, TX75034  
 FRISCO, USA (US)  
 Terapat Apicharthabrut, 2445 Hopkins Drive, TX75025  
 PLANO, USA (US)  
 (54) **Benevnelse:**  
 Seals by Mechanically Deforming Degradable Materials

(51) **Klasse:** *E21B 17/04 (2006.01)*  
*E21B 17/18 (2006.01)*  
 (21) **Søknadsnr:** 20200682  
 (22) **Inndag:** 2020.06.09  
 (41) **Allm.tilgj:** 2020.06.09  
 (30) **Prioritet:** 2018.02.09, US, 62/628,775  
 (86) **Int.inndag:** 2019.01.23  
 (86) **Int.søknadsnr:** PCT/US2019/014675  
 (24) **Løpedag:** 2019.01.23  
 (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston  
 Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 A.A. Thornton & Co., 15 Old Bailey, EC4M7EF LONDON,  
 Storbritannia  
 (72) **Oppfinner:**  
 Ryan Michael Novelen, 5164 Finnhorse Drive, TX75052  
 GRAND PRAIRIE, USA (US)  
 Matthew Ryan Gommel, 6412 Rolling H111 Road,  
 TX75056 THE COLONY, USA (US)  
 Boon Yen Er, Blk 138B Yuan Ching Road, #02-119,  
 612138 SINGAPORE, Singapore (SG)  
 Austin Lee WRIGHT, 1777 N. Record St. #3502, TX75202  
 DALLAS, USA (US)  
 (54) **Benevnelse:**  
 Jumper Tube Support Member

(51) **Klasse:** *E21B 17/10 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 33/14 (2006.01)*  
 (21) **Søknadsnr:** 20200719  
 (22) **Inndag:** 2020.06.19  
 (41) **Allm.tilgj:** 2020.06.19  
 (30) **Prioritet:** 2018.02.23, US, 62/634,668  
 (86) **Int.inndag:** 2019.02.22  
 (86) **Int.søknadsnr:** PCT/US2019/019288  
 (24) **Løpedag:** 2019.02.22  
 (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston  
 Parkway E, TX77032-3219 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
 Norge  
 (72) **Oppfinner:**  
 Gunnar Lende, Austerheimvegen 67, 4055 SOLA  
 Alexander Trondsen, Dugane 50, 4048 HAFRSFJORD  
 Terje Abrahamsen, Midtre Vågen 29, 4085 HUNDEVÅG  
 (54) **Benevnelse:**  
 CEMENTED BARRIER VALVE PROTECTION

(51) **Klasse:** *E21B 23/03 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 43/08 (2006.01)*  
*E21B 47/01 (2012.01)*  
 (21) **Søknadsnr:** 20200643  
 (22) **Inndag:** 2020.05.28  
 (41) **Allm.tilgj:** 2020.05.28  
 (86) **Int.inndag:** 2018.01.26  
 (86) **Int.søknadsnr:** PCT/US2018/015521  
 (24) **Løpedag:** 2018.01.26  
 (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston  
 Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 A.A. Thornton & Co., 15 Old Bailey, EC4M7EF LONDON,  
 Storbritannia  
 (72) **Oppfinner:**  
 Stephen Michael Greci, 3113 Luminara Drive, TX75068  
 LITTLE ELM, USA (US)  
 Michael Linley Fripp, 3826 Cemetery Hill Road, TX75007  
 CARROLLTON, USA (US)  
 (54) **Benevnelse:**  
 Retrievable well assemblies and devices

(51) **Klasse:** *E21B 33/04 (2006.01)*  
*E21B 43/10 (2006.01)*  
*E21B 23/01 (2006.01)*  
 (21) **Søknadsnr:** 20200664  
 (22) **Inndag:** 2020.06.04  
 (41) **Allm.tilgj:** 2020.06.04  
 (30) **Prioritet:** 2017.12.12, US, 15/838,775  
 (86) **Int.inndag:** 2018.12.05  
 (86) **Int.søknadsnr:** PCT/US2018/063962  
 (24) **Løpedag:** 2018.12.05  
 (71) **Søker:**  
 Dril-Quip, Inc., 6401 N. Eldridge Parkway, TX77041  
 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
 Norge  
 (72) **Oppfinner:**  
 Curtis Wyatt Payne, 20519 Azalea Chase, TX77406  
 RICHMOND, USA (US)  
 Frank Kalb, 19410 Shady Loch Lane, TX77433  
 CYPRESS, USA (US)  
 Steven M Zakharia, 10003 Storm Meadow Drive,  
 TX77064 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 PUSH TO RELEASE C-RING SLIP RETENTION  
 SYSTEM

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*F15B 1/02 (2006.01)*  
*F15B 1/26 (2006.01)*  
*F15B 7/00 (2006.01)*  
*F15B 7/10 (2006.01)*  
*F15B 20/00 (2006.01)*
- (21) **Søknadsnr:** 20200621
- (22) **Inndag:** 2020.05.27
- (41) **Allm.tilgj:** 2020.05.27
- (30) **Prioritet:** 2017.10.31, US, 62/579,547
- (86) **Int.inndag:** 2018.10.30
- (86) **Int.søknadsnr:** PCT/US2018/058069
- (24) **Løpedag:** 2018.10.30
- (71) **Søker:**  
 Schlumberger Technology B.V., Parkstraat 83, 2514JG HAAG, Nederland (NL)
- (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (72) **Oppfinner:**  
 Srinivas Poluchalla, 9927 Forrester Trail, TX77494 KATY, USA (US)  
 Benoit Deville, c/o Schlumberger, Rosharon Campus, 14910 Airline Rd., TX77583-1590 ROSHARON, USA (US)  
 Virinchi Mallela, 25433 Fountain Park Dr, E, Apartment 108, MI48375 NOVI, USA (US)  
 Marian Faur, c/o Etudes et Productions Schlumberger, 1, Rue Henri Becquerel, 92140 CLAMART, Frankrike (FR)  
 Charley Martinez, c/o Etudes et Productions Schlumberger, 1, Rue Henri Becquerel, 92140 CLAMART, Frankrike (FR)
- (54) **Benevnelse:**  
 SYSTEM AND METHOD FOR ELECTRO-HYDRAULIC ACTUATION OF DOWNHOLE TOOLS

- (51) **Klasse:** *E21B 34/10 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 34/00 (2006.01)*
- (21) **Søknadsnr:** 20200626
- (22) **Inndag:** 2020.05.28
- (41) **Allm.tilgj:** 2020.05.28
- (30) **Prioritet:** 2017.11.16, US, 15/814,621
- (86) **Int.inndag:** 2018.10.12
- (86) **Int.søknadsnr:** PCT/US2018/055532
- (24) **Løpedag:** 2018.10.12
- (71) **Søker:**  
 Baker Hughes Holdings LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
 Jeffrey Johnson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
 Safety Valve Coupling and Method of Manufacturing Valve

Krav på norsk er innkommet 2020.05.28.

- (51) **Klasse:** *E21B 43/10 (2006.01)*
- (21) **Søknadsnr:** 20200638
- (22) **Inndag:** 2020.05.29
- (41) **Allm.tilgj:** 2020.05.29
- (30) **Prioritet:** 2017.12.01, US, 62/593,518
- (86) **Int.inndag:** 2018.11.15
- (86) **Int.søknadsnr:** PCT/US2018/061303
- (24) **Løpedag:** 2018.11.15
- (71) **Søker:**  
 Enventure Global Technology Inc, 15995 N. Barkers Landing, Suite 350, TX77079 HOUSTON, USA (US)
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
 Chee K Yee, 20011 Macinac Court, TX77450 KATY, USA (US)  
 Eric James Connor, 24615 Queensfield Court, TX77494 KATY, USA (US)  
 Frederick Cornell Bennett, 5426 Willowbend Blvd., TX77096 HOUSTON, USA (US)  
 Matthew Mark Godfrey, 1615 Leatherwood Drive, TX77450 KATY, USA (US)
- (54) **Benevnelse:**  
 Method and Apparatus for Expanding Wellbore Casing

Krav på norsk er innkommet 2020.06.29.

- (51) **Klasse:** *E21B 43/12 (2006.01)*  
*E21B 21/08 (2006.01)*
- (21) **Søknadsnr:** 20200649
- (22) **Inndag:** 2020.06.02
- (41) **Allm.tilgj:** 2020.06.02
- (30) **Prioritet:** 2018.01.05, US, 62/613,948
- (86) **Int.inndag:** 2018.10.23
- (86) **Int.søknadsnr:** PCT/US2018/056977
- (24) **Løpedag:** 2018.10.23
- (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
 Stephen M Greci, 3113 Luminara Drive, TX75068 LITTLE ELM, USA (US)  
 Michael L Fripp, 2601 Beltline Road, TX75006 CARROLLTON, USA (US)
- (54) **Benevnelse:**  
 DENSITY-BASED FLUID FLOW CONTROL DEVICES



(51) **Klasse:** *E21B 43/26 (2006.01)*  
*G06F 17/50 (2006.01)*  
*G06F 30/00 (2020.01)*  
*G06F 30/20 (2020.01)*  
*G06F 111/10 (2020.01)*

(21) **Søknadsnr:** 20200686  
(22) **Inndag:** 2020.06.10  
(41) **Allm.tilgj:** 2020.06.10  
(86) **Int.inndag:** 2017.12.05  
(86) **Int.søknadsnr:** PCT/RU2017/000972  
(24) **Løpedag:** 2017.12.05  
(71) **Søker:**  
Schlumberger Technology B.V., Parkstraat 83-89, 2514JG HAAG, Nederland (NL)

(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge

(72) **Oppfinner:**  
Vadim Ismailovich Isaev, 23 Baltiyskaya St., Apt.109, 630058 NOVOSIBIRSK, Russland (RU)  
Dmitry Sergeevich Kuznetsov, 36a Tereshkovej St., Apt.42, 630090 NOVOSIBIRSK, Russland (RU)  
Ivan Vladimirovich Velikanov, 12 Arbutova Str., Apt.62, 630117 NOVOSIBIRSK, Russland (RU)

(54) **Benevnelse:**  
Method for reservoir stimulation analysis and design based on lagrangian approach

(51) **Klasse:** *E21B 43/26 (2006.01)*  
*E21B 34/10 (2006.01)*  
*E21B 34/14 (2006.01)*

(21) **Søknadsnr:** 20200766  
(22) **Inndag:** 2020.06.26  
(41) **Allm.tilgj:** 2020.06.26  
(86) **Int.inndag:** 2018.01.30  
(86) **Int.søknadsnr:** PCT/US2018/016008  
(24) **Løpedag:** 2018.01.30  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Stephen M Greci, 3113 Luminara Drive, TX75068 LITTLE ELM, USA (US)  
Michael L Fripp, 2601 Beltline Road, TX75006 CARROLLTON, USA (US)  
Zachary William Walton, 2204 Southern Court, TX75006 CARROLLTON, USA (US)  
Richard D Ornelaz, 11341 Covey Point Lane, TX75035 FRISCO, USA (US)

(54) **Benevnelse:**  
AUTOMATICALLY SHIFTING FRAC SLEEVES

(51) **Klasse:** *E21B 47/06 (2012.01)*  
*E21B 47/12 (2012.01)*  
*G01D 21/02 (2006.01)*  
*G01J 3/45 (2006.01)*  
*G01J 5/02 (2006.01)*  
*G01L 19/06 (2006.01)*

(21) **Søknadsnr:** 20200632  
(22) **Inndag:** 2020.05.29  
(41) **Allm.tilgj:** 2020.05.29  
(30) **Prioritet:** 2017.11.10, US, 62/584,393  
(86) **Int.inndag:** 2018.10.15  
(86) **Int.søknadsnr:** PCT/US2018/055815  
(24) **Løpedag:** 2018.10.15  
(71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Dan Raymond Provenzano, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
MULTI-CAVITY ALL-GLASS INTERFEROMETRIC SENSOR FOR MEASURING HIGH PRESSURE AND TEMPERATURE

Krav på norsk er innkommet 2020.05.29.

(51) **Klasse:** *E21B 49/08 (2006.01)*  
*B01D 17/02 (2006.01)*

(21) **Søknadsnr:** 20190101  
(22) **Inndag:** 2019.01.28  
(41) **Allm.tilgj:** 2020.07.29  
(24) **Løpedag:** 2019.01.28  
(71) **Søker:**  
SEABED SEPARATION AS, c/o NTNU Accel, Kongens gate 30, 7012 TRONDHEIM

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

(72) **Oppfinner:**  
Jon Sigurd Berntsen, Saturnvegen 34, 3942 PORSGRUNN  
Idar Olav Grytdal, Grillstadfjæra 14, 7053 RANHEIM  
Asle Jostein Hovda, Odd Sørllis Veg 29, 7059 JAKOBSLI

(54) **Benevnelse:**  
Well testing under full field production

Krav på norsk er innkommet 2020.04.03.

(51) **Klasse:** *F41A 21/32 (2006.01)*

(21) **Søknadsnr:** 20190328  
(22) **Inndag:** 2019.03.08  
(41) **Allm.tilgj:** 2020.08.10  
(24) **Løpedag:** 2019.03.08  
(71) **Søker:**  
A-TEC HOLDING AS, Sletta Næringspark, Slettaveien 2, 1555 SON

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

(72) **Oppfinner:**  
Anders Eckhoff Johansen, Storgt. 57, 1555 SON  
Hallvard Winterseth, Gamleveien 81, 1642 SALTNES

(54) **Benevnelse:**  
A coupling for quick and easy attachment and detachment

Krav på norsk er innkommet 2020.04.01.

(51) **Klasse:** *G01M 3/26 (2006.01)*  
*G06N 3/08 (2006.01)*

(21) **Søknadsnr:** 20200647

(22) **Inndag:** 2020.05.29

(41) **Allm.tilgj:** 2020.05.29

(30) **Prioritet:** 2018.01.09, US, 62/615,114

(86) **Int.inndag:** 2018.03.08

(86) **Int.søknadsnr:** PCT/US2018/021615

(24) **Løpedag:** 2018.03.08

(71) **Søker:**  
Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Andrey Filippov, 1715 Mossy Stone Drive, TX77077 HOUSTON, USA (US)  
Jianxin Lu, 4810 Palmetto Street, TX77041 BELLAIRE, USA (US)

(54) **Benevnelse:**  
Determining gas leak flow rate in a wellbore environment

(51) **Klasse:** *G01N 21/29 (2006.01)*  
*G02B 5/28 (2006.01)*

(21) **Søknadsnr:** 20200702

(22) **Inndag:** 2020.06.15

(41) **Allm.tilgj:** 2020.06.15

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

(86) **Int.søknadsnr:** PCT/US2018/021195

(24) **Løpedag:** 2018.03.06

(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

(74) **Fullmektig:**  
A.A. Thornton & Co., 15 Old Bailey, EC4M7EF LONDON, Storbritannia

(72) **Oppfinner:**  
James M Price, 5 Gambrel Oak Place, TX77380 THE WOODLANDS, USA (US)  
Jian Li, 7575 Kirby Drive, #2403, TX77030 HOUSTON, USA (US)  
Bin Dai, 26126 W Lovegrass Lane, TX77386 SPRING, USA (US)  
Christopher Michael Jones, 22947 Heathercroft Drive, TX77084 KATY, USA (US)  
Daniel Stark, 8423 Hearth Drive, Apt 3, TX77054 HOUSTON, USA (US)

(54) **Benevnelse:**  
Flexible integrated computational elements for optical analysis

(51) **Klasse:** *G01N 21/39 (2006.01)*  
*G01N 21/3504 (2014.01)*  
*G01J 3/433 (2006.01)*

(21) **Søknadsnr:** 20200808

(22) **Inndag:** 2020.07.09

(41) **Allm.tilgj:** 2020.07.09

(86) **Int.inndag:** 2018.12.17

(86) **Int.søknadsnr:** PCT/NO2018/050313

(24) **Løpedag:** 2018.12.17

(71) **Søker:**  
NEO Monitors AS, Prost Stabels vei 22, 2019 SKEDSMOKORSET

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

(72) **Oppfinner:**  
Viacheslav Avetisov, Askerveien 3 D, 0276 OSLO

(54) **Benevnelse:**  
Hydrogen gas sensor and method for measurement of hydrogen under ambient and elevated pressure

(51) **Klasse:** *H04M 19/00 (2006.01)*  
*G06Q 10/02 (2012.01)*  
*A63F 13/30 (2014.01)*

(21) **Søknadsnr:** 20180007

(22) **Inndag:** 2018.01.02

(41) **Allm.tilgj:** 2019.07.03

(24) **Løpedag:** 2017.12.25

(71) **Søker:**  
Christian Morten Borge, Silurveien 55, 0380 OSLO

(72) **Oppfinner:**  
Christian Morten Borge, Silurveien 55, 0380 OSLO

(54) **Benevnelse:**  
Standing selfie holder with a defibrillator, a vind vane and a wind turbine



## Meddelte patenter B1

Følgende patenter er meddelt i henhold til patentlovens § 21, og de er tilgjengelige på <http://www.patentstyret.no/> 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:** **A01K 61/60 (2017.01)**  
**A01K 61/13 (2017.01)**

(11) **Patentnr:** **344977**

(21) **Søknadsnr:** 20181424

(22) **Inng.dag:** 2018.11.06

(24) **Løpedag:** 2018.11.06

(41) **Allm.tilg.dag:** 2020.05.07

(45) **Meddelt:** 2020.08.10

(73) **Innehaver:**

SPRING INNOVATION AS, Camilla Colletts gate 6, 4020 STAVANGER

(74) **Fullmektig:**

HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge

(72) **Oppfinner:**

Alf Reidar Sandstad, Camilla Colletts gate 6, 4020 STAVANGER

(54) **Benevnelse:**

Method for assembly of a fish cage, a kit of parts for assembling a fish cage and a fish cage

(51) **Klasse:** **A01K 61/60 (2017.01)**  
**A01K 61/80 (2017.01)**

(11) **Patentnr:** **344991**

(21) **Søknadsnr:** 20180553

(22) **Inng.dag:** 2018.04.20

(24) **Løpedag:** 2018.04.20

(41) **Allm.tilg.dag:** 2019.10.21

(45) **Meddelt:** 2020.08.10

(73) **Innehaver:**

VIEWPOINT AS, Fjæragata 6, 5521 HAUGESUND

(74) **Fullmektig:**

HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge

(72) **Oppfinner:**

Kjartan Gilje, Veen 6, 4389 VIKESÅ  
Kåre Olav Krogenes, Fjæragata 6, 5521 HAUGESUND

(54) **Benevnelse:**

Merdsystem med kamre for før

(51) **Klasse:** **B07B 1/46 (2006.01)**  
**E21B 21/06 (2006.01)**

(11) **Patentnr:** **344976**

(21) **Søknadsnr:** 20180326

(22) **Inng.dag:** 2018.03.05

(30) **Prioritet:** 2011.07.15, GB, 1112193.6

(62) **Avdelt fra:** 20140058, med inndato 2014.01.17

(62) **Utskilt fra:** 20140058, med inndato 2014.01.17

(24) **Løpedag:** 2012.04.23

(41) **Allm.tilg.dag:** 2013.01.16

(45) **Meddelt:** 2020.08.10

(73) **Innehaver:**

National Oilwell Varco L.P., 7909 Parkwood Circle Drive, TX77036 HOUSTON, USA (US)

(74) **Fullmektig:**

HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge

(72) **Oppfinner:**

George Alexander Burnett, Heath Cottage, Ruthrieston Road, AB107JR ABERDEEN, ABERDEENSHIRE, Storbritannia (GB)

(54) **Benevnelse:**

Apparat og fremgangsmåte for separering av faststoffer fra et faststoffholdig boreslam

(51) **Klasse:** **B21C 37/12 (2006.01)**  
**B21C 37/12 (2006.01)**

(11) **Patentnr:** **344989**

(21) **Søknadsnr:** 20181543

(22) **Inng.dag:** 2018.11.29

(24) **Løpedag:** 2018.11.29

(41) **Allm.tilg.dag:** 2020.06.01

(45) **Meddelt:** 2020.08.10

(73) **Innehaver:**

AIR TOOLBOX AS, Tårnveien 14, 1434 ÅS

(74) **Fullmektig:**

Valea AB, Box 1098, 40523 GÖTEBORG, Sverige

(72) **Oppfinner:**

Markus Leonhard Hansen, Innelvvegen 247, 9107 KVALØYA

Cornelis Arnoldussen, Høgskoleveien 27, 1433 ÅS

Ole Petter Berger, Tårnveien 14, 1434 ÅS

(54) **Benevnelse:**

A TOOL, A METHOD AND AN APPARATUS FOR MOUNTING RODS AROUND A CENTRAL CORE

- (51) **Klasse:** *E01D 15/24 (2006.01)*  
*B63B 27/14 (2006.01)*
- (11) **Patentnr:** **344974**
- (21) **Søknadsnr:** 20171521
- (22) **Inng.dag:** 2017.09.22
- (24) **Løpedag:** 2017.09.22
- (41) **Allm.tilg.dag:** 2019.03.25
- (45) **Meddelt:** 2020.08.10
- (73) **Innehaver:**  
Kongsberg Maritime AS, Postboks 483, 3601  
KONGSBERG
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (72) **Oppfinner:**  
Jon Bernhard Høstmark, Gamle Drammensvei 36, 3613  
KONGSBERG  
Jostein Bakkeheim, Solbakken 44, 3011 DRAMMEN
- (54) **Benevnelse:**  
Smart Gangway Tip

- (51) **Klasse:** *B65G 1/137 (2006.01)*  
*B65G 1/06 (2006.01)*
- (11) **Patentnr:** **344988**
- (21) **Søknadsnr:** 20181416
- (22) **Inng.dag:** 2018.11.05
- (24) **Løpedag:** 2018.11.05
- (41) **Allm.tilg.dag:** 2020.05.06
- (45) **Meddelt:** 2020.08.10
- (73) **Innehaver:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578  
NEDRE VATS
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge
- (72) **Oppfinner:**  
Trond Austrheim, Nedre Teigen 12, 5590 ETNE  
Magne Hatteland, Stokkaveien 63 B, 4024 STAVANGER
- (54) **Benevnelse:**  
A station for providing access to contents in a storage  
container

- (51) **Klasse:** *C09K 8/52 (2006.01)*  
*C10L 3/10 (2006.01)*  
*E21B 37/06 (2006.01)*  
*F17D 1/17 (2006.01)*
- (11) **Patentnr:** **344978**
- (21) **Søknadsnr:** 20111395
- (22) **Inng.dag:** 2011.10.14
- (30) **Prioritet:** 2010.10.27, US, 61/407,115  
2011.10.11, US, 13/271,070
- (24) **Løpedag:** 2011.10.14
- (41) **Allm.tilg.dag:** 2012.04.30
- (45) **Meddelt:** 2020.08.10
- (73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine  
Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Gregory E Casey, 19402 Cluster Oaks Dr., TX77346  
HUMBLE, USA (US)  
Angel Hoover, 8918 Headstall Dr., TX77375 TOMBALL,  
USA (US)  
Andrew J Barden, 5300 Pochontas St., TX77401  
BELLAIRE, USA (US)
- (54) **Benevnelse:**  
Fremgangsmåte for å redusere hydrattdannelse i et  
hydrokarbonproduksjonsrørledningssystem

- (51) **Klasse:** *E21B 23/06 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/128 (2006.01)*  
*E21B 43/08 (2006.01)*
- (11) **Patentnr:** **344982**
- (21) **Søknadsnr:** 20121386
- (22) **Inng.dag:** 2012.11.21
- (30) **Prioritet:** 2010.06.23, US, 12/821,416
- (86) **Int.inng.dag:** 2011.05.23
- (86) **Int.Søknadsnr:** PCT/US2011/037569
- (24) **Løpedag:** 2011.05.23
- (41) **Allm.tilg.dag:** 2012.12.13
- (45) **Meddelt:** 2020.08.10
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield,  
TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Richard Y Xu, 11711 Rivergrove Court, TX77377  
TOMBALL, USA (US)  
Steve Rosenblatt, 3600 Montrose Boulevard, No 502,  
TX77006 HOUSTON, USA (US)
- (54) **Benevnelse:**  
Teleskopledninger med formhukommelsesskum som en  
plugg og sandstyringsinnretning

- (51) **Klasse:** *E21B 29/10 (2006.01)*  
*E21B 43/10 (2006.01)*
- (11) **Patentnr:** **344975**
- (21) **Søknadsnr:** 20171636
- (22) **Inng.dag:** 2017.10.16
- (30) **Prioritet:** 2016.10.19, NO, 20161669
- (24) **Løpedag:** 2017.10.16
- (41) **Allm.tilg.dag:** 2018.04.20
- (45) **Meddelt:** 2020.08.10
- (73) **Innehaver:**  
ALTUS INTERVENTION (TECHNOLOGIES) AS,  
Moseidveien 35, 4033 STAVANGER
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
SANDNES, Norge
- (72) **Oppfinner:**  
Kristian Andersen, Tennisveien 15, 4021 STAVANGER  
Rune Hansen, Varatunhagen 23, 4317 SANDNES  
Anders Grønnerød, Aksehagen 3, 4322 SANDNES
- (54) **Benevnelse:**  
Downhole expansion tool and method for use of the tool

(51) **Klasse:** *E21B 33/035 (2006.01)*  
*E21B 34/04 (2006.01)*  
(11) **Patentnr:** 344979  
(21) **Søknadsnr:** 20111502  
(22) **Inng.dag:** 2011.11.03  
(30) **Prioritet:** 2009.04.30, US, 61/174,005  
2009.08.17, US, 12/542,369  
(86) **Int.inng.dag:** 2010.04.22  
(86) **Int.Søknadsnr:** PCT/US2010/032075  
(24) **Løpedag:** 2010.04.22  
(41) **Allm.tilg.dag:** 2011.11.29  
(45) **Meddelt:** 2020.08.10  
(73) **Innehaver:**  
Schlumberger Technology B.V., Parkstraat 83-89, 2514JG  
HAAG, Nederland (NL)  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
Matthew W Niemeyer, 3066 Community Dr, TX77511  
ALVIN, USA (US)  
Jeffrey J Marabella, 1962 Rolling Stone Dr, TX77546  
FRIENDSWOOD, USA (US)  
(54) **Benevnelse:**  
System og fremgangsmåte for undergrunnskontroll og  
overvåkning

(51) **Klasse:** *E21B 33/12 (2006.01)*  
*B22D 25/00 (2006.01)*  
(11) **Patentnr:** 344983  
(21) **Søknadsnr:** 20130461  
(22) **Inng.dag:** 2013.04.05  
(30) **Prioritet:** 2010.10.15, US, 61/393,610  
(86) **Int.inng.dag:** 2011.10.13  
(86) **Int.Søknadsnr:** PCT/US2011/056131  
(24) **Løpedag:** 2011.10.13  
(41) **Allm.tilg.dag:** 2013.04.18  
(45) **Meddelt:** 2020.08.10  
(73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine  
Westfield, TX77073 HOUSTON, USA (US)  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
Grant R Thompson, 7905 South 77th East Avenue,  
OK74133 TULSA, USA (US)  
Edward J O'Malley, 720 Rutland Street, TX77007  
HOUSTON, USA (US)  
(54) **Benevnelse:**  
Anordning som omfatter metallskum og som skal  
plasseres nedihulls

(51) **Klasse:** *E21B 43/00 (2006.01)*  
*G06Q 10/06 (2012.01)*  
(11) **Patentnr:** 344987  
(21) **Søknadsnr:** 20181041  
(22) **Inng.dag:** 2018.08.02  
(30) **Prioritet:** 2006.01.20, US, 60/760,708  
(86) **Int.inng.dag:** 2007.01.19  
(86) **Int.Søknadsnr:** PCT/US2007/001327  
(62) **Avdelt fra:** 20083592, med inndato 2008.08.20  
(62) **Utskilt fra:** 20083592, med inndato 2008.08.20  
(24) **Løpedag:** 2007.01.19  
(41) **Allm.tilg.dag:** 2008.10.20  
(45) **Meddelt:** 2020.08.10  
(73) **Innehaver:**  
Landmark Graphics Corporation, 2107 City West  
Boulevard, Building 2, TX77042 HOUSTON, USA (US)  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
Richard G Ella, 2101 CityWest Boulevard, Building 2,  
TX77042-3021 HOUSTON, USA (US)  
Andrew P Russell, Drambeel Lodge, AB316EB DURRIS,  
ABERDEENSHIRE, Storbritannia (GB)  
Laurence Reid, 71 Buckie Road, AB228DN BRIDGE OF  
DON, ABERDEEN, Storbritannia (GB)  
William Douglas Johnson, 5001 North Rim Drive,  
TX78731 AUSTIN, USA (US)  
(54) **Benevnelse:**  
Automatisk initierte korrigerende tiltak angående drift av  
produksjonen fra et undergrunnsreservoar

(51) **Klasse:** *E21B 47/107 (2012.01)*  
*E21B 47/135 (2012.01)*  
*G01V 8/02 (2006.01)*  
(11) **Patentnr:** 344980  
(21) **Søknadsnr:** 20111692  
(22) **Inng.dag:** 2011.12.07  
(30) **Prioritet:** 2009.05.27, GB, 0909038  
2009.11.13, GB, 0919915  
(86) **Int.inng.dag:** 2010.05.27  
(86) **Int.Søknadsnr:** PCT/GB2010/001056  
(24) **Løpedag:** 2010.05.27  
(41) **Allm.tilg.dag:** 2011.12.21  
(45) **Meddelt:** 2020.08.10  
(73) **Innehaver:**  
OptaSense Holdings Ltd, Cody Technology Park, Ively  
Road, GU14OLX FARNBOROUGH, HAMPSHIRE,  
Storbritannia (GB)  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
Magnus McEwen-King, c/o QinetiQ Limited, Cody  
Technology Park, Ively Road, GU14OLX HAMPSHIRE,  
FARNBOROUGH, Storbritannia (GB)  
Patrick Tindell, c/o Atlas Elektronik UK Ltd., Dorset Green  
Technology Park, DT28XJ WINFRITH NEWBURGH,  
DORCHESTER, Storbritannia (GB)  
David John Hill, c/o QinetiQ Winfrith, Building A22,  
Winfrith Technology Centre., DT28XJ DORCHESTER  
DORSET , WINFRITH NEWBURGH, Storbritannia (GB)  
(54) **Benevnelse:**  
Brønnovervåkning ved hjelp av distribuerte  
avfølingsanordninger

(51) **Klasse:** *E21B 47/11 (2012.01)*  
 (11) **Patentnr:** **344984**  
 (21) **Søknadsnr:** 20140495  
 (22) **Inng.dag:** 2014.04.15  
 (86) **Int.inng.dag:** 2011.10.28  
 (86) **Int.Søknadsnr:** PCT/NO2011/000305  
 (24) **Løpedag:** 2011.10.28  
 (41) **Allm.tilg.dag:** 2014.06.30  
 (45) **Meddelt:** 2020.08.10  
 (73) **Innehaver:**  
 Resman AS, Strindfjordvegen 1, 7053 RANHEIM  
 (74) **Fullmektig:**  
 ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge  
 (72) **Oppfinner:**  
 Fridtjof Nyhavn, Bugges vei 11 A, 7051 TRONDHEIM  
 (54) **Benevnelse:**  
 Fremgangsmåte og system for tracer-basert bestemmelse av fluid-innstrømningsvolumer til en brønnproduksjonsstrøm

(51) **Klasse:** *F41A 21/32 (2006.01)*  
 (11) **Patentnr:** **344990**  
 (21) **Søknadsnr:** 20190328  
 (22) **Inng.dag:** 2019.03.08  
 (24) **Løpedag:** 2019.03.08  
 (41) **Allm.tilg.dag:** 2020.08.10  
 (45) **Meddelt:** 2020.08.10  
 (73) **Innehaver:**  
 A-TEC HOLDING AS, Sletta Næringspark, Slettaveien 2, 1555 SON  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (72) **Oppfinner:**  
 Anders Eckhoff Johansen, Storgt. 57, 1555 SON  
 Hallvard Wintersteth, Gamleveien 81, 1642 SALTNES  
 (54) **Benevnelse:**  
 A coupling for quick and easy attachment and detachment

(51) **Klasse:** *G01V 3/20 (2006.01)*  
*G01V 3/28 (2006.01)*  
 (11) **Patentnr:** **344981**  
 (21) **Søknadsnr:** 20121233  
 (22) **Inng.dag:** 2012.10.22  
 (30) **Prioritet:** 2010.04.14, US, 61/324,069  
 2011.03.25, US, 13/071,724  
 (86) **Int.inng.dag:** 2011.03.28  
 (86) **Int.Søknadsnr:** PCT/US2011/030163  
 (24) **Løpedag:** 2011.03.28  
 (41) **Allm.tilg.dag:** 2012.10.22  
 (45) **Meddelt:** 2020.08.10  
 (73) **Innehaver:**  
 Baker Hughes Holdings LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Gregory B Itskovich, 1015 Hathorn Way, TX77094 HOUSTON, USA (US)  
 Arcady Reiderman, 1918 Baker Trail, TX77094 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 Trespolesystem med korte ikke-ledende innsatser for transiente MWD-resistivitetsmålinger

(51) **Klasse:** *G01V 3/30 (2006.01)*  
 (11) **Patentnr:** **344986**  
 (21) **Søknadsnr:** 20180182  
 (22) **Inng.dag:** 2018.02.05  
 (30) **Prioritet:** 2007.03.16, WO, PCT/US07/064221  
 (86) **Int.inng.dag:** 2007.03.16  
 (86) **Int.Søknadsnr:** PCT/US2007/064221  
 (62) **Avdelt fra:** 20092661, med inndato 2009.07.13  
 (62) **Utskilt fra:** 20092661, med inndato 2009.07.13  
 (24) **Løpedag:** 2007.03.16  
 (41) **Allm.tilg.dag:** 2009.10.09  
 (45) **Meddelt:** 2020.08.10  
 (73) **Innehaver:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
 (72) **Oppfinner:**  
 Guoyu Hu, 17118 Willow Ranch Drive, TX77095 HOUSTON, USA (US)  
 Michael Bittar, 8711 Wheatland Drive, TX77064 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 Verktøy for å styre et nedhulls boreapparat

(51) **Klasse:** *H01F 7/06 (2006.01)*  
*E21B 47/18 (2012.01)*  
*H01F 7/16 (2006.01)*  
 (11) **Patentnr:** **344985**  
 (21) **Søknadsnr:** 20170690  
 (22) **Inng.dag:** 2017.04.25  
 (30) **Prioritet:** 2014.12.29, IB, PCT/US14/072577  
 (86) **Int.inng.dag:** 2015.09.15  
 (86) **Int.Søknadsnr:** PCT/US2015/050194  
 (24) **Løpedag:** 2015.09.15  
 (41) **Allm.tilg.dag:** 2017.04.25  
 (45) **Meddelt:** 2020.08.10  
 (73) **Innehaver:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Jianying Chu, 14718 Castle Cove Lane, TX77044 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 Downhole linear solenoid actuator system

## 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 3/421 (2006.01)**  
**A01B 15/14 (2006.01)**  
(87) **EP Publ.nr:** EP3427559  
(86) **EP søkn.nr:** 18182873.2  
(86) **EP innl.dag:** 2018.07.11  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2017.07.12, DE, 202017104155 U  
(73) **Innehaver:**  
PÖTTINGER Landtechnik GmbH, Industriegelände 14710  
Grieskirchen, AT-Østerrike  
(72) **Oppfinner:**  
Hehenberger, Martin, Oberschaden 204070 Eferding, AT-  
Østerrike  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
(54) **Benevnelse:**  
MOUNTED ROTATABLE PLOUGH

(51) **Klasse :** **A01J 5/00 (2006.01)**  
**A01K 1/00 (2006.01)**  
**A01K 1/12 (2006.01)**  
(87) **EP Publ.nr:** EP3214923  
(86) **EP søkn.nr:** 15791584.4  
(86) **EP innl.dag:** 2015.11.05  
(87) **EP publ.dag:** 2017.09.13  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2014.11.06, EP, 14192024  
(86) **Int.inndag :** 2015.11.05  
(86) **Int.søknadsnr :** PCT/EP2015/075836  
(73) **Innehaver:**  
Lemmer Fullwood GmbH, Oberste Höhe53790 Lohmar,  
DE-Tyskland  
(72) **Oppfinner:**  
LEMMER, Jan-Eric, c/o Lemmer Fullwood GmbH Oberste  
Höhe53790 Lohmar, DE-Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
METHOD AND DEVICE FOR AUTOMATIC MILKING OF  
ANIMALS AT A CONFIGURABLE TIME

(51) **Klasse :** **A01K 71/00 (2006.01)**  
**A01K 75/04 (2006.01)**  
**D07B 1/20 (2006.01)**  
(87) **EP Publ.nr:** EP3351096  
(86) **EP søkn.nr:** 15903789.4  
(86) **EP innl.dag:** 2015.09.14  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2020.05.13  
(86) **Int.inndag :** 2015.09.14  
(86) **Int.søknadsnr :** PCT/CN2015/089514  
(73) **Innehaver:**  
Hsieh Fou Fishing Tackles Industry Co., Ltd., No. 20  
Yugang Central 2nd Rd. Qianzhen Dist.Kaohsiung City  
806, TW-Taiwan  
(72) **Oppfinner:**  
YEH, Jui-Wen, No. 20 Yugang Central 2nd Rd.Qianzhen  
Dist.Kaohsiung City 806, TW-Taiwan  
YEH, Yu-Hao, No. 20 Yugang Central 2nd Rd.Qianzhen  
Dist.Kaohsiung City 806, TW-Taiwan  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
FISHING TOOL FLOATING ROPE

(51) **Klasse :** **A01K 75/06 (2006.01)**  
(87) **EP Publ.nr:** EP3351097  
(86) **EP søkn.nr:** 15903788.6  
(86) **EP innl.dag:** 2015.09.14  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2020.05.13  
(86) **Int.inndag :** 2015.09.14  
(86) **Int.søknadsnr :** PCT/CN2015/089513  
(73) **Innehaver:**  
Hsieh Fou Fishing Tackles Industry Co., Ltd., No. 20  
Yugang Central 2nd Rd. Qianzhen Dist.Kaohsiung City  
806, TW-Taiwan  
(72) **Oppfinner:**  
YEH, Jui-Wen, No. 20 Yugang Central 2nd Rd.Qianzhen  
Dist.Kaohsiung City 806, TW-Taiwan  
YEH, Yu-Hao, No. 20 Yugang Central 2nd Rd.Qianzhen  
Dist.Kaohsiung City 806, TW-Taiwan  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
MODULAR SNAP FASTENER AND FISHING TOOL  
SINKING ROPE ADOPTING SAME

- (51) **Klasse :** **A23L 9/20 (2016.01)**  
**A23D 9/00 (2006.01)**  
**A23D 9/013 (2006.01)**  
**A23D 9/02 (2006.01)**  
**A23G 3/34 (2006.01)**  
**A23G 9/52 (2006.01)**  
**A23L 5/30 (2016.01)**  
**A23L 29/10 (2016.01)**  
**A23L 35/00 (2016.01)**  
**A23P 10/40 (2016.01)**  
**A23P 30/40 (2016.01)**
- (87) **EP Publ.nr:** EP3247227  
(86) **EP søkn.nr:** 16714038.3  
(86) **EP innl.dag:** 2016.01.22  
(87) **EP publ.dag:** 2017.11.29  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2015.01.22, EP, 15152093  
2015.06.12, EP, 15171842
- (86) **Int.inndag :** 2016.01.22  
(86) **Int.søknadsnr :** PCT/NL2016/050050  
(73) **Innehaver:**  
FrieslandCampina Nederland B.V., Stationsplein 43818 LE  
Amersfoort, NL-Nederland
- (72) **Oppfinner:**  
WEBER, Natalie Mareike, c/o FrieslandCampina Corporate  
& Support Intellectual Property Department P.O. Box  
2386700 AE Wageningen, NL-Nederland  
VASBINDER, Astrid Jolanda, c/o FrieslandCampina  
Corporate & Support Intellectual Property Department P.O.  
Box 2386700 AE Wageningen, NL-Nederland
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
WHIPPING AGENT FOR USE IN THE PREPARATION OF  
EDIBLE TOPPINGS AND A METHOD FOR PREPARING  
SAID AGENT

- (51) **Klasse :** **A24B 13/00 (2006.01)**  
**B29C 65/00 (2006.01)**  
**B65B 9/10 (2006.01)**  
**B65B 29/00 (2006.01)**  
**B65B 51/22 (2006.01)**  
**B65B 51/26 (2006.01)**  
**B65B 51/30 (2006.01)**
- (87) **EP Publ.nr:** EP3383203  
(86) **EP søkn.nr:** 16808973.8  
(86) **EP innl.dag:** 2016.12.02  
(87) **EP publ.dag:** 2018.10.10  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2015.12.02, EP, 15197550  
(86) **Int.inndag :** 2016.12.02  
(86) **Int.søknadsnr :** PCT/EP2016/079593  
(73) **Innehaver:**  
Swedish Match North Europe AB, 118 85 Stockholm, SE-  
Sverige
- (72) **Oppfinner:**  
PERSSON, Tony, Sämsholm Bröderna 85SE-524 93  
Herrljunga, SE-Sverige  
KINDVALL, Mårten, Gunnel Weinåsväg 17SE-415 24  
Göteborg, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
AN ORAL POUCHED SNUFF PRODUCT

- (51) **Klasse :** **A61B 18/12 (2006.01)**  
**A61B 18/18 (2006.01)**
- (87) **EP Publ.nr:** EP2994066  
(86) **EP søkn.nr:** 14717848.7  
(86) **EP innl.dag:** 2014.04.14  
(87) **EP publ.dag:** 2016.03.16  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2013.05.08, GB, 201308209  
(86) **Int.inndag :** 2014.04.14  
(86) **Int.søknadsnr :** PCT/GB2014/051164  
(73) **Innehaver:**  
Creo Medical Limited, Creo House Unit 2 Beaufort Park  
Beaufort Park Way ChepstowWales, NP16 5UH, GB-  
Storbritannia
- (72) **Oppfinner:**  
AMOA, Francis, c/o Creo Medical LimitedRiverside  
CourtBeaufort ParkChepstowMonmouthshire NP16 5UH,  
GB-Storbritannia  
HANCOCK, Christopher Paul, c/o Creo Medical  
LimitedRiverside CourtBeaufort  
ParkChepstowMonmouthshire NP16 5UH, GB-  
Storbritannia  
JARMAN, Martin, c/o Creo Medical LimitedRiverside  
CourtBeaufort ParkChepstowMonmouthshire NP16 5UH,  
GB-Storbritannia  
DHARMISIRI, Nuwan, c/o Creo Medical LimitedRiverside  
CourtBeaufort ParkChepstowMonmouthshire NP16 5UH,  
GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
APPARATUS FOR CONTROLLING POWER DELIVERED  
BY ELECTROSURGICAL PROBE

- (51) **Klasse :** **A61G 5/04 (2013.01)**  
**A61G 5/10 (2006.01)**
- (87) **EP Publ.nr:** EP3266433  
(86) **EP søkn.nr:** 16178324.6  
(86) **EP innl.dag:** 2016.07.07  
(87) **EP publ.dag:** 2018.01.10  
(80) **EP meddelt :** 2020.05.06  
(73) **Innehaver:**  
Permobil AB, P.O. Box 120861 23 Timrå, SE-Sverige
- (72) **Oppfinner:**  
Danielsson, Anton, Storgatan 46b85230 Sundsvall, SE-  
Sverige  
Van de Wal, Herbert, Ubåtsvägen 37865 33 Alnö, SE-  
Sverige
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
SWING ARM LINKAGE FOR A MID-WHEEL DRIVE  
WHEELCHAIR



- (51) **Klasse :** **A61G 5/14 (2006.01)**  
**A61G 5/10 (2006.01)**
- (87) **EP Publ.nr:** EP3381429
- (86) **EP søkn.nr:** 17164109.5
- (86) **EP innl.dag:** 2017.03.31
- (87) **EP publ.dag:** 2018.10.03
- (80) **EP meddelt :** 2020.05.06
- (73) **Innehaver:**  
 Permobil AB, P.O. Box 120861 23 Timrå, SE-Sverige
- (72) **Oppfinner:**  
 Jähkel, Jonas, Hornsgatan 170 ASE-117 28 Stockholm, SE-Sverige  
 Mirzaie, Mehdi, 1648 Sunset RdBrentwood, TN 37027, US-USA
- (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
 TILT ASSEMBLY FOR A POWERED WHEELCHAIR AND A POWERED WHEELCHAIR COMPRISING THE SAME

- (51) **Klasse :** **A61J 1/20 (2006.01)**
- (87) **EP Publ.nr:** EP3380059
- (86) **EP søkn.nr:** 16816489.5
- (86) **EP innl.dag:** 2016.11.23
- (87) **EP publ.dag:** 2018.10.03
- (80) **EP meddelt :** 2020.05.06
- (30) **Prioritet:** 2015.11.25, US, 201562259906 P
- (86) **Int.inndag :** 2016.11.23
- (86) **Int.søknadsnr :** PCT/US2016/063461
- (73) **Innehaver:**  
 Bayer Healthcare LLC, 100 Bayer BoulevardWhippany, NJ 07981, US-USA
- (72) **Oppfinner:**  
 COWAN, Kevin P., 4242 Estates CourtAllison Park, Pennsylvania 15101, US-USA  
 DEDIG, James A., 7 Elmhurst RoadPittsburgh, Pennsylvania 15220, US-USA  
 SCHRAUDER, Matthew, 351 Dobson RoadMars, Pennsylvania 16046, US-USA  
 SPOHN, Michael A., 2814 Old Route 422 EastFenelton, Pennsylvania 16034, US-USA  
 MCDERMOTT, Michael, 120 Longvue DrivePittsburgh, Pennsylvania 15237, US-USA  
 MCGEE, Matthew, 134 Plymouth RoadPlymouth Meeting, Pennsylvania 19462, US-USA
- (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
 SYRINGE FILL ADAPTER

- (51) **Klasse :** **A61K 9/127 (2006.01)**
- (87) **EP Publ.nr:** EP3463303
- (86) **EP søkn.nr:** 17755497.9
- (86) **EP innl.dag:** 2017.08.21
- (87) **EP publ.dag:** 2019.04.10
- (80) **EP meddelt :** 2020.03.11
- (30) **Prioritet:** 2016.08.19, EP, 16184843
- (86) **Int.inndag :** 2017.08.21
- (86) **Int.søknadsnr :** PCT/EP2017/071043
- (73) **Innehaver:**  
 Salipro Biotech AB, Greenhouse Labs Teknikringen 38A114 28 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
 FRAUENFELD, Jens, Ekhagsvägen 211418 Stockholm, SE-Sverige  
 LÖVING, Robin, Drottningholmsvägen 52112 19 Stockholm, SE-Sverige
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
 SAPOSIN LIPOPROTEIN PARTICLES AND LIBRARIES FROM CRUDE MEMBRANES

- (51) **Klasse :** **A61K 9/16 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 9/48 (2006.01)**  
**A61K 31/506 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 35/00 (2006.01)**
- (87) **EP Publ.nr:** EP3302483
- (86) **EP søkn.nr:** 16799287.4
- (86) **EP innl.dag:** 2016.05.24
- (87) **EP publ.dag:** 2018.04.11
- (80) **EP meddelt :** 2020.04.15
- (30) **Prioritet:** 2015.05.25, WO, PCT/CN15/079650
- (86) **Int.inndag :** 2016.05.24
- (86) **Int.søknadsnr :** PCT/CN2016/083098
- (73) **Innehaver:**  
 Hutchison Medipharma Limited, Building 4, 720 Cailun Road Hi-tech ParkShanghai 201203, CN-Kina
- (72) **Oppfinner:**  
 LIU, Zhongzhou, Building 4720 Cailun RoadZJ. Hi-tech ParkShanghai 201203, CN-Kina  
 FU, Chongdong, Building 4720 Cailun RoadZJ. Hi-tech ParkShanghai 201203, CN-Kina  
 SHI, Bin, Building 4720 Cailun RoadZJ. Hi-tech ParkShanghai 201203, CN-Kina
- (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
 PHARMACEUTICAL COMPOSITIONS AND USE THEREOF

(51) **Klasse :** **A61K 9/22 (2006.01)**  
**A61K 31/54 (2006.01)**  
**A61K 31/549 (2006.01)**  
**A61P 43/00 (2006.01)**  
**C07D 285/22 (2006.01)**

(87) **EP Publ.nr:** EP3217963  
(86) **EP søkn.nr:** 15859169.3  
(86) **EP innl.dag:** 2015.11.12  
(87) **EP publ.dag:** 2017.09.20  
(80) **EP meddelt :** 2020.05.20  
(30) **Prioritet:** 2014.11.14, US, 201462080150 P  
2015.03.25, US, 201562138245 P  
2015.06.02, US, 201562170035 P  
2015.09.21, US, 201562221359 P  
2015.11.12

(86) **Int.inndag :**  
(86) **Int.søknadsnr :** PCT/US2015/060455

(73) **Innehaver:**  
Essentialis, Inc., 203 Redwood Shores Pkwy, Ste  
500 Redwood City, CA 94065, US-USA

(72) **Oppfinner:**  
COWEN, Neil M., 7915 Corte Cardo Carlsbad, California  
92009, US-USA

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

(54) **Benevnelse:**  
METHODS FOR TREATING SUBJECTS WITH PRADER-  
WILLI SYNDROME OR SMITH-MAGENIS SYNDROME

(51) **Klasse :** **A61K 31/196 (2006.01)**  
**A61K 8/42 (2006.01)**  
**A61K 31/42 (2006.01)**  
**A61Q 19/02 (2006.01)**  
**A61Q 19/06 (2006.01)**  
**A61Q 19/08 (2006.01)**  
**C07C 233/54 (2006.01)**  
**C07D 307/79 (2006.01)**  
**C07D 319/08 (2006.01)**

(87) **EP Publ.nr:** EP2805746  
(86) **EP søkn.nr:** 14170446.0  
(86) **EP innl.dag:** 2010.02.16  
(87) **EP publ.dag:** 2014.11.26  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2009.02.16, EP, 09425056  
2009.05.18, US, 179062 P  
2009.12.17, US, 287461 P

(73) **Innehaver:**  
Nogra Pharma Limited, 33 Sir John Rogerson's Quay Dublin  
2, IE-Irland

(72) **Oppfinner:**  
Baroni, Sergio, Via Razzolo 324030 Villa d'Adda (BG), IT-  
Italia  
Bellinvia, Salvatore, Via Brusafiera 1233170 Pordenone  
(PN), IT-Italia  
Viti, Francesca, c/o Giuliani S.p.A. Via Palagi 220129  
Milano, IT-Italia

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

(54) **Benevnelse:**  
Alkylamido compounds and uses thereof

(51) **Klasse :** **A61K 31/519 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 37/00 (2006.01)**

(87) **EP Publ.nr:** EP3413894  
(86) **EP søkn.nr:** 17704548.1  
(86) **EP innl.dag:** 2017.02.10  
(87) **EP publ.dag:** 2018.12.19  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2016.02.10, EP, 16155123  
2016.08.29, EP, 16186188  
2017.02.10

(86) **Int.inndag :**  
(86) **Int.søknadsnr :** PCT/IB2017/050743

(73) **Innehaver:**  
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits

(72) **Oppfinner:**  
BIETH, Bruno, Novartis Pharma AG Novartis Institutes for  
Biomed. Research Postfach 4002 Basel, CH-Sveits  
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Institutes for Biomed. Research Postfach 4002 Basel, CH-  
Sveits  
CHRIST, Andreas, Novartis Pharma AG Novartis Institutes  
for Biomed. Research Postfach 4002 Basel, CH-Sveits  
DE BUCK, Stefan, Novartis Pharma AG Novartis Institutes  
for Biomed. Research Postfach 4002 Basel, CH-Sveits  
KALIS, Christoph, Novartis Pharma AG Novartis Institutes  
for Biomed. Research Postfach 4002 Basel, CH-Sveits  
LINDGREN, Sam, Novartis Pharma AG Novartis Institutes  
for Biomed. Research Postfach 4002 Basel, CH-Sveits

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge

(54) **Benevnelse:**  
USE OF INHIBITORS OF THE ACTIVITY OR FUNCTION  
OF PI3K FOR THE TREATMENT OF PRIMARY  
SJÖGREN'S SYNDROME

(51) **Klasse :** **A61K 36/9066 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 9/48 (2006.01)**  
**A61K 31/12 (2006.01)**  
**A61K 31/685 (2006.01)**  
**A61K 36/28 (2006.01)**  
**A61K 47/10 (2017.01)**  
**A61K 47/14 (2017.01)**  
**A61K 47/54 (2017.01)**  
**A61P 19/02 (2006.01)**  
**A61P 25/02 (2006.01)**  
**A61P 29/00 (2006.01)**

(87) **EP Publ.nr:** EP3107555  
(86) **EP søkn.nr:** 15709426.9  
(86) **EP innl.dag:** 2015.02.18  
(87) **EP publ.dag:** 2016.12.28  
(80) **EP meddelt :** 2020.06.03  
(30) **Prioritet:** 2014.02.20, IT, MI20140251

(86) **Int.inndag :** 2015.02.18  
(86) **Int.søknadsnr :** PCT/EP2015/053399

(73) **Innehaver:**  
Indena S.p.A., Viale Ortles, 1220139 Milano, IT-Italia

(72) **Oppfinner:**  
BOMBARDELLI, Ezio, Via Gabetta, 131-27027 Gropello  
Cairolì (PV), IT-Italia

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

(54) **Benevnelse:**  
COMPOSITIONS CONTAINING EXTRACTS OF  
CURCUMA LONGA AND ECHINACEA ANGUSTIFOLIA  
WHICH ARE USEFUL TO REDUCE PERIPHERAL  
INFLAMMATION AND PAIN

- (51) **Klasse :** **A61K 38/18 (2006.01)**  
**A61K 39/395 (2006.01)**  
**C07K 16/28 (2006.01)**
- (87) **EP Publ.nr:** EP2968467  
(86) **EP søkn.nr:** 14776479.9  
(86) **EP innl.dag:** 2014.03.13  
(87) **EP publ.dag:** 2016.01.20  
(80) **EP meddelt :** 2020.06.03  
(30) **Prioritet:** 2013.03.13, US, 201361780852 P  
2013.11.27, US, 201361909850 P
- (86) **Int.inndag :** 2014.03.13  
(86) **Int.søknadsnr :** PCT/US2014/026850  
(73) **Innehaver:**  
F. Hoffmann-La Roche AG, Grenzacherstrasse 1244070  
Basel, CH-Sveits
- (72) **Oppfinner:**  
ALAVATTAM, Sreedhara, c/o Genentech Inc.1 DNA  
WaySouth San Francisco, CA 94080, US-USA  
MALLANEY, Mary, c/o Genentech Inc.1 DNA WaySouth  
San Francisco, CA 94080, US-USA  
GREWAL, Parbir, c/o Genentech Inc.1 DNA WaySouth San  
Francisco, CA 94080, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
FORMULATIONS WITH REDUCED OXIDATION

- (51) **Klasse :** **A61K 38/22 (2006.01)**  
**A61K 47/64 (2017.01)**  
**C07K 14/575 (2006.01)**  
**C07K 14/605 (2006.01)**  
**C07K 16/30 (2006.01)**
- (87) **EP Publ.nr:** EP2916860  
(86) **EP søkn.nr:** 13853226.2  
(86) **EP innl.dag:** 2013.11.06  
(87) **EP publ.dag:** 2015.09.16  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2012.11.06, KR, 20120124724  
(86) **Int.inndag :** 2013.11.06  
(86) **Int.søknadsnr :** PCT/KR2013/009990  
(73) **Innehaver:**  
Hanmi Pharm. Co., Ltd., 214 Muha-ro Paltan-  
myeonHwaseong-si, Gyeonggi-do 445-958, KR-Sør-Korea
- (72) **Oppfinner:**  
KIM, Jin Sun, 550, Dongtangiheung-roHwaseong-  
siGyeonggi-do 18469, KR-Sør-Korea  
KIM, Dae Jin, 506-1901, 103, Byeongjeom 2-roHwaseong-  
siGyeonggi-do 445-764, KR-Sør-Korea  
LEE, Sang Hyun, 107-306, 25, Dokseodang-ro 40-  
gilSeongdong-guSeoul 133-767, KR-Sør-Korea  
JUNG, Sung Youb, 550, Dongtangiheung-roHwaseong-  
siGyeonggi-do 18469, KR-Sør-Korea  
KWON, Se Chang, 408-1804, 221, Seolleung-roGangnam-  
guSeoul 135-506, KR-Sør-Korea
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
A COMPOSITION FOR TREATING DIABETES  
COMPRISING OXYNTOMODULIN ANALOG

- (51) **Klasse :** **A61K 39/00 (2006.01)**  
**C07K 1/00 (2006.01)**  
**C07K 14/00 (2006.01)**  
**C07K 16/00 (2006.01)**  
**C07K 17/00 (2006.01)**  
**C08H 1/00 (2006.01)**
- (87) **EP Publ.nr:** EP2968485  
(86) **EP søkn.nr:** 13878092.9  
(86) **EP innl.dag:** 2013.04.23  
(87) **EP publ.dag:** 2016.01.20  
(80) **EP meddelt :** 2020.03.04  
(30) **Prioritet:** 2013.03.15, US, 201313843883  
(86) **Int.inndag :** 2013.04.23  
(86) **Int.søknadsnr :** PCT/US2013/037865  
(73) **Innehaver:**  
United Biomedical Inc., 25 Davids DriveHauppauge NY  
11788, US-USA
- (72) **Oppfinner:**  
WANG, Chang Yi, 47 Snake Hill RoadCold Spring  
HarborNew York 11724, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
PEPTIDE VACCINE FOR PREVENTION AND  
IMMUNOTHERAPY OF DEMENTIA OF THE  
ALZHEIMER'S TYPE

- (51) **Klasse :** **A61K 39/00 (2006.01)**  
**C07K 14/475 (2006.01)**
- (87) **EP Publ.nr:** EP3212226  
(86) **EP søkn.nr:** 15855147.3  
(86) **EP innl.dag:** 2015.10.29  
(87) **EP publ.dag:** 2017.09.06  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2014.10.31, US, 201462073737 P  
2015.10.21, US, 201562244604 P  
2015.10.29
- (86) **Int.inndag :** 2015.10.29  
(86) **Int.søknadsnr :** PCT/US2015/058111  
(73) **Innehaver:**  
NGM Biopharmaceuticals, Inc., 333 Oyster Point  
BoulevardSouth San Francisco, CA 94080, US-USA
- (72) **Oppfinner:**  
SHEN, Wenyan, 569 Keelson CircleRedwood City,  
California 94065, US-USA  
LINDHOUT, Darrin, 1533 Miramonte AvenueMountain  
View, California 94040, US-USA  
HALDANKAR, Raj, 312 Treedust StreetRedwood City,  
California 94065, US-USA  
MATERN, Hugo, 4165 George Avenue 4San Mateo,  
California 94403, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
COMPOSITIONS AND METHODS OF USE FOR  
TREATING METABOLIC DISORDERS

(51) **Klasse :** **A61K 39/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3229831  
 (86) **EP søkn.nr:** 15834638.7  
 (86) **EP innl.dag:** 2015.12.09  
 (87) **EP publ.dag:** 2017.10.18  
 (80) **EP meddelt :** 2020.03.11  
 (30) **Prioritet:** 2014.12.10, US, 201462090029 P  
 (86) **Int.inndag :** 2015.12.09  
 (86) **Int.søknadsnr :** PCT/IB2015/002577  
 (73) **Innehaver:**  
 Hyperstem SA, Via Pretorio 136900 Lugano, CH-Sveits  
 (72) **Oppfinner:**  
 VESCOVI, Angelo Luigi, Via al Parco 13,6817 Maroggia  
 (Mendrisio), CH-Sveits  
 BINDA, Elena, Via F.lli E&R Agazzi 2,24123 Bergamo, IT-  
 Italia  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
 Norge  
 (54) **Benevnelse:**  
 METHODS AND COMPOSITIONS FOR REDUCING  
 GROWTH, MIGRATION AND INVASIVENESS OF BRAIN  
 CANCER STEM CELLS AND IMPROVING SURVIVAL OF  
 PATIENTS WITH BRAIN TUMORS

(51) **Klasse :** **A61K 39/00 (2006.01)**  
**A61K 39/395 (2006.01)**  
**C07K 16/28 (2006.01)**  
**G01N 33/566 (2006.01)**  
**G01N 33/68 (2006.01)**  
 (87) **EP Publ.nr:** EP3326645  
 (86) **EP søkn.nr:** 17192860.9  
 (86) **EP innl.dag:** 2011.10.24  
 (87) **EP publ.dag:** 2018.05.30  
 (80) **EP meddelt :** 2020.03.18  
 (30) **Prioritet:** 2010.10.25, US, 406358 P  
 2010.10.25, US, 406365 P  
 (73) **Innehaver:**  
 Biogen MA Inc., 225 Binney StreetCambridge, MA 02142,  
 US-USA  
 (72) **Oppfinner:**  
 CHACKERIAN, Alissa, A., 895 Hazelnut CourtSunnyvale,  
 CA 94087, US-USA  
 (74) **Fullmektig:**  
 Budde Schou A/S, Dronningens Tværgade 30, 1302  
 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 METHODS FOR DETERMINING DIFFERENCES IN  
 ALPHA-4 INTEGRIN ACTIVITY BY CORRELATING  
 DIFFERENCES IN SVCAM AND/OR SMADCAM LEVELS

(51) **Klasse :** **A61K 39/395 (2006.01)**  
**C07K 16/06 (2006.01)**  
**C07K 16/24 (2006.01)**  
 (87) **EP Publ.nr:** EP3037104  
 (86) **EP søkn.nr:** 15189425.0  
 (86) **EP innl.dag:** 2010.10.20  
 (87) **EP publ.dag:** 2016.06.29  
 (80) **EP meddelt :** 2020.05.27  
 (30) **Prioritet:** 2009.10.20, US, 253411 P  
 (73) **Innehaver:**  
 AbbVie Inc., 1 North Waukegan RoadNorth Chicago, IL  
 60064, US-USA  
 (72) **Oppfinner:**  
 HICKMAN, Robert, 6 Hibiscus DriveWorcester, MA 01605,  
 US-USA  
 (74) **Fullmektig:**  
 Cosmovici Intellectual Property, 14 Rue du Rhône, 1204  
 GENÈVE, Sveits  
 (54) **Benevnelse:**  
 ISOLATION AND PURIFICATION OF ANTI-IL-13  
 ANTIBODIES USING PROTEIN A AFFINITY  
 CHROMATOGRAPHY

(51) **Klasse :** **A61L 27/12 (2006.01)**  
**A61L 27/32 (2006.01)**  
**A61L 27/58 (2006.01)**  
 (87) **EP Publ.nr:** EP3544643  
 (86) **EP søkn.nr:** 18816063.4  
 (86) **EP innl.dag:** 2018.12.13  
 (87) **EP publ.dag:** 2019.10.02  
 (80) **EP meddelt :** 2020.05.13  
 (30) **Prioritet:** 2017.12.14, EP, 17207235  
 (86) **Int.inndag :** 2018.12.13  
 (86) **Int.søknadsnr :** PCT/EP2018/084783  
 (73) **Innehaver:**  
 Geistlich Pharma AG, Bahnhofstrasse 406110 Wolhusen,  
 CH-Sveits  
 (72) **Oppfinner:**  
 ZIHLMANN, Claudio, Bundesplatz 26003 Luzern, CH-  
 Sveits  
 BUFLER, Michael, Hinterlindenweg 734153 Reinach, CH-  
 Sveits  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 BONE SUBSTITUTE MATERIAL

(51) **Klasse :** *A61L 27/52 (2006.01)*  
*C08B 37/00 (2006.01)*  
*C08B 37/08 (2006.01)*  
*C08F 220/22 (2006.01)*  
*C08L 5/08 (2006.01)*

(87) **EP Publ.nr:** EP2806908  
(86) **EP søkn.nr:** 13740716.9  
(86) **EP innl.dag:** 2013.01.25  
(87) **EP publ.dag:** 2014.12.03  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2012.01.25, US, 201261590379 P  
(86) **Int.inndag :** 2013.01.25  
(86) **Int.søknadsnr :** PCT/US2013/023183  
(73) **Innehaver:**  
The University of Akron, 302 East Buchtel CommonAkron,  
OH 44325, US-USA

(72) **Oppfinner:**  
LEIPZIG, Nic, 2553 Blue Heron DriveHudson, Ohio 44236,  
US-USA  
WIJEKOON, Asanka, 6150 Century Avenue, No.  
313Middleton, WI 53562, US-USA

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

(54) **Benevnelse:**  
FLUORINATED POLYMERIZABLE HYDROGELS FOR  
WOUND DRESSINGS AND METHODS OF MAKING  
SAME

(51) **Klasse :** *B01F 3/18 (2006.01)*  
*B01F 7/08 (2006.01)*  
*B01F 15/00 (2006.01)*  
*B29B 7/42 (2006.01)*  
*B29B 7/48 (2006.01)*  
*B29B 7/90 (2006.01)*

(87) **EP Publ.nr:** EP3520887  
(86) **EP søkn.nr:** 18155132.6  
(86) **EP innl.dag:** 2018.02.05  
(87) **EP publ.dag:** 2019.08.07  
(80) **EP meddelt :** 2020.05.20  
(73) **Innehaver:**  
Köllemann GmbH Förder- und Verfahrenstechnik, Am alten  
Wehr 9-1253518 Adenau, DE-Tyskland

(72) **Oppfinner:**  
FIEDLER, Guido, Kapellenweg 1156729 Welschenbach,  
DE-Tyskland  
GINSTER, Matthias, Hauptstr. 2453520 Reiffscheid, DE-  
Tyskland

(74) **Fullmektig:**  
Novitas Patent AB, Box 55557, 10204 STOCKHOLM,  
Sverige

(54) **Benevnelse:**  
DEVICE FOR SEQUENTIALLY INTRODUCING  
ADDITIVES IN A POLYMER GRANULATE AND USE OF  
THE DEVICE

(51) **Klasse :** *B01F 13/06 (2006.01)*  
*B09B 3/00 (2006.01)*  
*C02F 1/02 (2006.01)*  
*C02F 11/12 (2019.01)*  
*F26B 5/04 (2006.01)*

(87) **EP Publ.nr:** EP3148683  
(86) **EP søkn.nr:** 15734449.0  
(86) **EP innl.dag:** 2015.05.28  
(87) **EP publ.dag:** 2017.04.05  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2014.05.29, IT, MI20140999  
(86) **Int.inndag :** 2015.05.28  
(86) **Int.søknadsnr :** PCT/IB2015/054017  
(73) **Innehaver:**  
THEMIS S.p.A., Via Saverio Mercadante 320124 Milano,  
IT-Italia

(72) **Oppfinner:**  
ROMANO', Michele, Via Brescia 13I-20025 Legnano  
(Milano), IT-Italia  
ROMANO', Mauro, Via Brescia 13I-20025 Legnano  
(Milano), IT-Italia

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

(54) **Benevnelse:**  
METHOD FOR TRANSFORMING WASTE AND SYSTEM  
FOR PERFORMING SAID METHOD

(51) **Klasse :** *B01J 13/00 (2006.01)*

(87) **EP Publ.nr:** EP3237108  
(86) **EP søkn.nr:** 15828499.2  
(86) **EP innl.dag:** 2015.12.21  
(87) **EP publ.dag:** 2017.11.01  
(80) **EP meddelt :** 2020.07.01  
(30) **Prioritet:** 2014.12.22, FI, 20146139  
(86) **Int.inndag :** 2015.12.21  
(86) **Int.søknadsnr :** PCT/FI2015/050918  
(73) **Innehaver:**  
UPM-Kymmene Corporation, Alvar Aallon katu 100100  
Helsinki, FI-Finland

(72) **Oppfinner:**  
LAUKKANEN, Antti, Mannerheimintie 35 A500250 Helsinki,  
FI-Finland  
LAURINSILTA, Esa, Svanströmintie 7A00840 Helsinki, FI-  
Finland

(74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge

(54) **Benevnelse:**  
TREATING NANOFIBRILLAR CELLULOSE HYDROGEL  
AT ELEVATED TEMPERATURE

- (51) **Klasse :** *B01J 35/02 (2006.01)*  
*B01J 37/00 (2006.01)*  
*B82Y 30/00 (2011.01)*  
*C08F 112/14 (2006.01)*  
*H01M 4/88 (2006.01)*
- (87) **EP Publ.nr:** EP3419757  
(86) **EP søkn.nr:** 17707028.1  
(86) **EP innl.dag:** 2017.02.24  
(87) **EP publ.dag:** 2019.01.02  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2016.02.26, FR, 1651632  
(86) **Int.inndag :** 2017.02.24  
(86) **Int.søknadsnr :** PCT/EP2017/054376
- (73) **Innehaver:**  
Commissariat à l'énergie atomique et aux énergies alternatives, Bâtiment le Ponant 25, rue Leblanc75015 Paris, FR-Frankrike
- (72) **Oppfinner:**  
BUVAT, Pierrick, 47 bis rue de Monts37250 Montbazou, FR-Frankrike  
DRU, Delphine, 10 rue de Louans37250 Sorigny, FR-Frankrike  
LOUBAT, Cédric, 4 rue des sports34740 Vendargues, FR-Frankrike  
CROUZET, Quentin, 9 chemin de Mas de l'Hébrard34800 Octon, FR-Frankrike
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR PREPARING PROTON-CONDUCTING PARTICLES SUITABLE FOR CATALYSING OXYGEN REDUCTION OR HYDROGEN OXIDATION BY GRAFTING SPECIFIC PROTON-CONDUCTING POLYMERS TO THE SURFACE OF SAME

- (51) **Klasse :** *B04B 1/20 (2006.01)*  
*B04B 11/02 (2006.01)*  
*B04B 13/00 (2006.01)*
- (87) **EP Publ.nr:** EP3431183  
(86) **EP søkn.nr:** 18193851.5  
(86) **EP innl.dag:** 2014.09.09  
(87) **EP publ.dag:** 2019.01.23  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2013.09.09, US, 201361875517 P  
2014.09.08, US, 201414480296
- (73) **Innehaver:**  
Derrick Corporation, 590 Duke RoadBuffalo, NY 14225, US-USA
- (72) **Oppfinner:**  
DERRICK, Bradley T., 45 Edgewater DriveOrchard Park, NY 14127, US-USA  
SCHWEC, Michael J., 5489 Keller RdHamburg, NY 14075, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CENTRIFUGE WITH AUTOMATIC SAMPLING AND CONTROL AND METHOD THEREOF

- (51) **Klasse :** *B08B 17/02 (2006.01)*  
*B63B 59/04 (2006.01)*  
*C02F 1/46 (2006.01)*  
*C23F 13/02 (2006.01)*  
*C23F 13/04 (2006.01)*  
*C23F 13/06 (2006.01)*  
*C23F 13/10 (2006.01)*  
*C23F 13/20 (2006.01)*
- (87) **EP Publ.nr:** EP3562602  
(86) **EP søkn.nr:** 17828751.2  
(86) **EP innl.dag:** 2017.12.21  
(87) **EP publ.dag:** 2019.11.06  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2016.12.27, EP, 16206917  
(86) **Int.inndag :** 2017.12.21  
(86) **Int.søknadsnr :** PCT/EP2017/084252
- (73) **Innehaver:**  
Koninklijke Philips N.V., High Tech Campus 525656 AG Eindhoven, NL-Nederland
- (72) **Oppfinner:**  
VAN DELDEN, Marc, High Tech Campus 55656 AE Eindhoven, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ARRANGEMENT FOR ANTI-FOULING OF A PROTECTED SURFACE

- (51) **Klasse :** *B22F 3/15 (2006.01)*  
*C22C 33/02 (2006.01)*  
*C22C 38/00 (2006.01)*  
*C22C 38/02 (2006.01)*  
*C22C 38/04 (2006.01)*  
*C22C 38/40 (2006.01)*  
*C22C 38/42 (2006.01)*  
*C22C 38/44 (2006.01)*
- (87) **EP Publ.nr:** EP3086895  
(86) **EP søkn.nr:** 14821196.4  
(86) **EP innl.dag:** 2014.12.23  
(87) **EP publ.dag:** 2016.11.02  
(80) **EP meddelt :** 2020.04.08  
(30) **Prioritet:** 2013.12.27, EP, 13199698  
(86) **Int.inndag :** 2014.12.23  
(86) **Int.søknadsnr :** PCT/EP2014/079254
- (73) **Innehaver:**  
Sandvik Intellectual Property AB, 811 81 Sandviken, SE-Sverige
- (72) **Oppfinner:**  
LARSSON, Linn, Finnäsgatan 64S-81170 Järbo, SE-Sverige  
GULLBERG, Daniel, Rodergatan 91S-802 82 Gävle, SE-Sverige  
KIVISÄKK, Ulf, Stigen 10S-811 91 Sandviken, SE-Sverige  
ÖSTLUND, Martin, Luthergatan 8CS-802 52 Gävle, SE-Sverige  
SCHEERDER, Alexander Aleida Antonius, c/o Mercator 3NL-6135 KW Sittard, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CORROSION RESISTANT DUPLEX STEEL ALLOY, OBJECTS MADE THEREOF, AND METHOD OF MAKING THE ALLOY



(51) **Klasse :** *B23K 37/02 (2006.01)*  
*B23K 20/12 (2006.01)*  
*B23K 37/053 (2006.01)*  
*B23K 101/10 (2006.01)*

(87) **EP Publ.nr:** EP3142826  
(86) **EP søkn.nr:** 15744650.1  
(86) **EP innl.dag:** 2015.05.13  
(87) **EP publ.dag:** 2017.03.22  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2014.05.14, GB, 201408580  
(86) **Int.inndag :** 2015.05.13  
(86) **Int.søknadsnr :** PCT/IB2015/000958  
(73) **Innehaver:**  
Acergy France SAS, 1 Quai Marcel Dassault92150  
Suresnes, FR-Frankrike

(72) **Oppfinner:**  
ATIN, Cesar, 48 rue de Saint-CloudF-92000 Nanterre, FR-Frankrike  
LACOME, Jaques, 27 rue de la ClairiereF-94370 Sucy en  
Brie, FR-Frankrike  
TOGUYENI, Grégory Alexandre, 11 bis rue KléberF-92250  
La Garenne-Colombes, FR-Frankrike

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge

(54) **Benevnelse:**  
FABRICATION OF PIPE STRINGS USING FRICTION  
STIR WELDING

(51) **Klasse :** *B29C 48/30 (2019.01)*  
*B29C 48/02 (2019.01)*  
*B29C 48/04 (2019.01)*  
*B29C 48/345 (2019.01)*  
*B29C 48/92 (2019.01)*  
*C21B 3/08 (2006.01)*

(87) **EP Publ.nr:** EP3259088  
(86) **EP søkn.nr:** 16752731.6  
(86) **EP innl.dag:** 2016.02.12  
(87) **EP publ.dag:** 2017.12.27  
(80) **EP meddelt :** 2020.04.01  
(30) **Prioritet:** 2015.02.16, EP, 15155251  
(86) **Int.inndag :** 2016.02.12  
(86) **Int.søknadsnr :** PCT/SE2016/050108  
(73) **Innehaver:**  
Uvån Holding AB, Kistagången 2164 40 Kista, SE-Sverige

(72) **Oppfinner:**  
LUNDSTRÖM, Per-Åke, Bockstigen 1183 57 Täby, SE-Sverige

(74) **Fullmektig:**  
APACE IP AS, Parkveien 53B, 0256 OSLO, Norge

(54) **Benevnelse:**  
A NOZZLE AND A TUNDISH ARRANGEMENT FOR THE  
GRANULATION OF MOLTEN MATERIAL

(51) **Klasse :** *B60L 53/31 (2019.01)*  
*B60L 3/00 (2019.01)*  
*B60L 3/04 (2006.01)*  
*B60L 53/14 (2019.01)*  
*G01R 31/00 (2006.01)*  
*H02J 7/00 (2006.01)*

(87) **EP Publ.nr:** EP2460022  
(86) **EP søkn.nr:** 10734106.7  
(86) **EP innl.dag:** 2010.07.14  
(87) **EP publ.dag:** 2012.06.06  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2009.07.27, DE, 102009034887  
2009.07.27, EP, 09166491

(86) **Int.inndag :** 2010.07.14  
(86) **Int.søknadsnr :** PCT/EP2010/060164  
(73) **Innehaver:**  
innogy SE, Opernplatz 145128 Essen, DE-Tyskland

(72) **Oppfinner:**  
GAUL, Armin, Hirschwiese 4159379 Selm, DE-Tyskland  
DIEFENBACH, Ingo, Brunnenhäuser 1559425 Unna, DE-Tyskland

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

(54) **Benevnelse:**  
Device and method for providing electrical energy at a  
branch circuit supplying a load

(51) **Klasse :** *B62D 21/03 (2006.01)*  
*B62D 29/00 (2006.01)*

(87) **EP Publ.nr:** EP3472029  
(86) **EP søkn.nr:** 17724554.5  
(86) **EP innl.dag:** 2017.05.19  
(87) **EP publ.dag:** 2019.04.24  
(80) **EP meddelt :** 2020.05.27  
(30) **Prioritet:** 2016.06.21, DE, 102016111308  
(86) **Int.inndag :** 2017.05.19  
(86) **Int.søknadsnr :** PCT/EP2017/062088  
(73) **Innehaver:**  
Rheinmetall MAN Military Vehicles Österreich GesmbH,  
Brunner Straße 44-501230 Wien, AT-Østerrike

(72) **Oppfinner:**  
HOESSL, Bernhard, Birkenweg 262721 Bad Fischau-  
Brunn, AT-Østerrike

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

(54) **Benevnelse:**  
CHASSIS ASSEMBLY AND LAND VEHICLE

(51) **Klasse :** *B62M 6/50 (2010.01)*

(87) **EP Publ.nr:** EP3023326  
(86) **EP søkn.nr:** 14199072.1  
(86) **EP innl.dag:** 2014.12.18  
(87) **EP publ.dag:** 2016.05.25  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2014.11.20, KR, 20140162378  
(73) **Innehaver:**  
Mando Corporation, 343-1 Manho-ri, Poseung-  
eup, Pyeongtaek-si, Gyeonggi-do, KR-Sør-Korea

(72) **Oppfinner:**  
Chun, Jae-Hyung, 904-1801, Gangnam Maeul Halla Vivaldi  
Apt., Sangha-dong, Giheung-gu, Yongin-si, Gyeonggi-do,  
KR-Sør-Korea

(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge

(54) **Benevnelse:**  
Electric bicycle and method of controlling the same

- (51) **Klasse :** **B63B 1/34 (2006.01)**  
**B63H 5/125 (2006.01)**
- (87) **EP Publ.nr:** EP3263438  
(86) **EP søkn.nr:** 16177456.7  
(86) **EP innl.dag:** 2016.07.01  
(87) **EP publ.dag:** 2018.01.03  
(80) **EP meddelt :** 2020.05.06
- (73) **Innehaver:**  
Foeship Oy, Suolakivenkatu 100810 Helsinki, FI-Finland
- (72) **Oppfinner:**  
Niittymäki, Janne, Parraskatu 220540 Turku, FI-Finland  
Aarnio, Markus, Reginankuja 4 C00810 Helsinki, FI-Finland  
Suutari, Kimmo, Vesikkopolku 821220 Raisio, FI-Finland
- (74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÄLLINGBY, Sverige
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR REDUCING DRAG OF VESSEL

- (51) **Klasse :** **B63H 21/17 (2006.01)**  
**B63H 21/21 (2006.01)**
- (87) **EP Publ.nr:** EP3405388  
(86) **EP søkn.nr:** 17700662.4  
(86) **EP innl.dag:** 2017.01.16  
(87) **EP publ.dag:** 2018.11.28  
(80) **EP meddelt :** 2020.03.04  
(30) **Prioritet:** 2016.01.20, EP, 16152131  
2016.05.04, GB, 201607785
- (86) **Int.inndag :** 2017.01.16  
(86) **Int.søknadsnr :** PCT/EP2017/050826
- (73) **Innehaver:**  
Siemens Aktiengesellschaft, Werner-von-Siemens-Straße 180333 München, DE-Tyskland
- (72) **Oppfinner:**  
GJERPE, Paul Fredrik, Setra vei 30786 OsloNorge  
VOSS, Wolfgang, Lohbeet 191097 Oberreichenbach, DE-Tyskland
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
VESSEL ENERGY MANAGEMENT SYSTEM

- (51) **Klasse :** **B64D 11/06 (2006.01)**
- (87) **EP Publ.nr:** EP3546357  
(86) **EP søkn.nr:** 18210993.4  
(86) **EP innl.dag:** 2018.12.07  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2020.05.20  
(30) **Prioritet:** 2018.03.30, GB, 201805328  
2018.10.16, US, 201816162176
- (73) **Innehaver:**  
Acumen Design Associates Ltd, Holborn Hall 193-197 High HolbornLondon WC1V 7BD, GB-Storbritannia
- (72) **Oppfinner:**  
Nicholas, Richard Peter John, Acumen Design Associates LtdHolborn Hall193-197 High HolbornLondon, WC1V 7BD, GB-Storbritannia  
Dryburgh, Ian Hamilton, Acumen Design Associates LtdHolborn Hall193-197 High HolbornLondon, WC1V 7BD, GB-Storbritannia  
McKeever, John David Henry, Acumen Design Associates LtdHolborn Hall193-197 High HolbornLondon, WC1V 7BD, GB-Storbritannia
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
A PASSENGER SEATING ARRANGEMENT HAVING ACCESS FOR DISABLED PASSENGERS

- (51) **Klasse :** **B65D 85/804 (2006.01)**  
**A47J 31/06 (2006.01)**  
**A47J 31/36 (2006.01)**  
**A23F 5/18 (2006.01)**
- (87) **EP Publ.nr:** EP2510804  
(86) **EP søkn.nr:** 12165206.9  
(86) **EP innl.dag:** 2008.08.08  
(87) **EP publ.dag:** 2012.10.17  
(80) **EP meddelt :** 2020.07.22  
(30) **Prioritet:** 2008.01.29, EP, 08150807
- (73) **Innehaver:**  
Koninklijke Douwe Egberts B.V., Vleutensevaart 353532 AD Utrecht, NL-Nederland
- (72) **Oppfinner:**  
Biesheuvel, Arend Cornelis Jacobus, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland  
Kamerbeek, Ralf, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland  
Wong, Kon Euan Gerard, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland  
Brandt, Guido, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland  
Koeling, Hendrik Cornelis, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
CAPSULE FOR PREPARING A BEVERAGE AND USE OF SUCH A CAPSULE

- (51) **Klasse :** **B65D 85/804 (2006.01)**
- (87) **EP Publ.nr:** EP3428087  
(86) **EP søkn.nr:** 18000561.3  
(86) **EP innl.dag:** 2018.06.27  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2020.05.27  
(30) **Prioritet:** 2017.07.12, DE, 202017003653 U  
2018.01.04, WO, PCT/IB18/000004
- (73) **Innehaver:**  
Wiedermann, Paul, Soxhletstrasse 680805 München, DE-Tyskland  
Wiedermann, Mick, Soxhletstrasse 680805 München, DE-Tyskland
- (72) **Oppfinner:**  
Wiedermann, Paul, Soxhletstrasse 680805 München, DE-Tyskland  
Wiedermann, Mick, Soxhletstrasse 680805 München, DE-Tyskland
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (54) **Benevnelse:**  
CAPSULE

- (51) **Klasse :** **B65D 88/12 (2006.01)**  
**B21D 22/20 (2006.01)**  
**B21D 51/18 (2006.01)**
- (87) **EP Publ.nr:** EP3183189  
(86) **EP søkn.nr:** 15760105.5  
(86) **EP innl.dag:** 2015.08.19  
(87) **EP publ.dag:** 2017.06.28  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2014.08.19, DE, 102014111810  
(86) **Int.inndag :** 2015.08.19  
(86) **Int.søknadsnr :** PCT/EP2015/069051  
(73) **Innehaver:**  
Thielmann AG c/o Tekla B.V., Amsterdam, Zug branch,  
Gubelstrasse 246300 Zug, CH-Sveits
- (72) **Oppfinner:**  
CRONACHER, Frank, Buchenweg 1557586 Weitefeld, DE-  
Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
CONTAINER BASE AND METHOD FOR PRODUCTION  
SAME

- (51) **Klasse :** **B66C 13/02 (2006.01)**  
**B66C 23/68 (2006.01)**
- (87) **EP Publ.nr:** EP3318530  
(86) **EP søkn.nr:** 16197082.7  
(86) **EP innl.dag:** 2016.11.03  
(87) **EP publ.dag:** 2018.05.09  
(80) **EP meddelt :** 2020.04.01  
(73) **Innehaver:**  
National Oilwell Varco Norway AS, Postboks 401  
Lundsiden4604 Kristiansand SNorge
- (72) **Oppfinner:**  
Borøy, Yngvar, Ausvigheia 274640 SøgneNorge  
Strand, Thor, Møvikbakken 204623 KristiansandNorge  
Orasanu, Adrian, Bekkedalen 184638 KristiansandNorge  
Correia, Ricardo Nuno, Røsslyngstien 924634 Kristiansand  
SNorge
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
SANDNES, Norge
- (54) **Benevnelse:**  
METHOD OF UPGRADING A KNUCKLE-BOOM CRANE  
AND A HEAVE-COMPENSATING CRANE

- (51) **Klasse :** **B68C 1/08 (2006.01)**  
**B68C 1/12 (2006.01)**
- (87) **EP Publ.nr:** EP3532428  
(86) **EP søkn.nr:** 17801018.7  
(86) **EP innl.dag:** 2017.10.26  
(87) **EP publ.dag:** 2019.09.04  
(80) **EP meddelt :** 2020.05.27  
(30) **Prioritet:** 2016.10.26, GB, 201618099  
(86) **Int.inndag :** 2017.10.26  
(86) **Int.søknadsnr :** PCT/EP2017/077534  
(73) **Innehaver:**  
Kempell, David, Little Duskin Farm Covet Lane  
KingstonCanterbury, Kent CT4 6JS, GB-Storbritannia  
White, Margaret, Little Duskin Farm Covet Lane  
KingstonCanterbury, Kent CT4 6JS, GB-Storbritannia
- (72) **Oppfinner:**  
Kempell, David, Little Duskin Farm Covet Lane  
KingstonCanterbury, Kent CT4 6JS, GB-Storbritannia  
White, Margaret, Little Duskin Farm Covet Lane  
KingstonCanterbury, Kent CT4 6JS, GB-Storbritannia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
IMPROVEMENTS IN OR RELATING TO SADDLES

- (51) **Klasse :** **C03B 35/18 (2006.01)**  
**B65G 23/04 (2006.01)**  
**C03B 35/16 (2006.01)**
- (87) **EP Publ.nr:** EP3350135  
(86) **EP søkn.nr:** 16770724.9  
(86) **EP innl.dag:** 2016.09.15  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2015.09.18, EP, 15185842  
(86) **Int.inndag :** 2016.09.15  
(86) **Int.søknadsnr :** PCT/EP2016/071842  
(73) **Innehaver:**  
Vesuvius France S.A., 68 Rue Paul Deudon59750  
Feignies, FR-Frankrike
- (72) **Oppfinner:**  
DUBOIS, Laurent, 68 Rue Paul Deudon59750 Feignies,  
FR-Frankrike  
SCHABAILLIE, Etienne, 68 Rue Paul Deudon59750  
Feignies, FR-Frankrike
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
CONVEYOR ROLL ASSEMBLY, TORQUE  
TRANSMISSION AND SUPPORT MEANS AND  
PROCESS FOR MAKING A CONVEYOR ROLL  
ASSEMBLY USED IN A HIGH TEMPERATURE  
ENVIRONMENT

- (51) **Klasse :** **C04B 28/16 (2006.01)**  
**C04B 28/14 (2006.01)**
- (87) **EP Publ.nr:** EP2190797  
(86) **EP søkn.nr:** 08827926.0  
(86) **EP innl.dag:** 2008.08.05  
(87) **EP publ.dag:** 2010.06.02  
(80) **EP meddelt :** 2020.04.08  
(30) **Prioritet:** 2007.08.17, US, 893758  
(86) **Int.inndag :** 2008.08.05  
(86) **Int.søknadsnr :** PCT/US2008/072217  
(73) **Innehaver:**  
United States Gypsum Company, 550 West Adams  
StreetChicago, IL 60661, US-USA
- (72) **Oppfinner:**  
WITTBOLD, James, R., 89 Windsor DriveDes Plaines, IL  
60016, US-USA  
PETERSEN, Bruce, Lynn, 5710 Lenox RoadLisle, IL  
60532, US-USA  
LI, Alfred, 716 Knoch Knolls RoadNaperville, IL 60565, US-  
USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
Method for reducing water in a gypsum slurry

- (51) **Klasse :** *C05B 19/00 (2006.01)*  
*A01C 21/00 (2006.01)*  
*C05B 1/02 (2006.01)*  
*C05B 1/04 (2006.01)*  
*C05B 3/00 (2006.01)*  
*C05B 7/00 (2006.01)*  
*C05B 9/00 (2006.01)*  
*C05G 3/00 (2020.01)*  
*C05G 5/00 (2020.01)*
- (87) **EP Publ.nr:** EP3008034  
(86) **EP søkn.nr:** 14811297.2  
(86) **EP innl.dag:** 2014.06.13  
(87) **EP publ.dag:** 2016.04.20  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2013.06.14, US, 201361835476 P  
(86) **Int.inndag :** 2014.06.13  
(86) **Int.søknadsnr :** PCT/CA2014/050558  
(73) **Innehaver:**  
Ostara Nutrient Recovery Technologies Inc., 690-1199  
West Pender StreetVancouver, British Columbia V6E 2R1,  
CA-Canada
- (72) **Oppfinner:**  
CLARK, Donald R., 19705 Sea Rider WayLutz, Florida  
33559, US-USA  
FROELICH, Dan Michael, 5875 Red Pine BlvdWhite Bear  
Lake, Minnesota 55110, US-USA  
BRITTON, Ahren Thomas, 5811 Dunlinwood LaneLithia,  
Florida 33547, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
SLOW AND FAST RELEASE FERTILIZER COMPOSITION  
AND METHODS FOR MAKING SAME

- (51) **Klasse :** *C07C 229/12 (2006.01)*  
*A61K 9/127 (2006.01)*  
*A61K 9/51 (2006.01)*  
*A61K 31/7105 (2006.01)*  
*A61K 31/713 (2006.01)*  
*A61K 47/18 (2017.01)*  
*A61K 48/00 (2006.01)*  
*A61P 43/00 (2006.01)*  
*C12N 15/113 (2010.01)*
- (87) **EP Publ.nr:** EP3178807  
(86) **EP søkn.nr:** 15829025.4  
(86) **EP innl.dag:** 2015.08.06  
(87) **EP publ.dag:** 2017.06.14  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2014.08.07, JP, 2014161718  
(86) **Int.inndag :** 2015.08.06  
(86) **Int.søknadsnr :** PCT/JP2015/072344  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1 Doshomachi  
4-chome Chuo-kuOsaka-shi, Osaka 541-0045, JP-Japan
- (72) **Oppfinner:**  
HOASHI Yasutaka, c/o TAKEDA PHARMACEUTICAL  
COMPANY LIMITED26-1 Muraoka-Higashi 2-  
chomeFujisawa-shiKanagawa 251-0012, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
CATIONIC LIPID

- (51) **Klasse :** *C07D 231/14 (2006.01)*  
*A01N 51/00 (2006.01)*  
*A61P 25/00 (2006.01)*  
*C07D 295/033 (2006.01)*
- (87) **EP Publ.nr:** EP3206493  
(86) **EP søkn.nr:** 15851053.7  
(86) **EP innl.dag:** 2015.10.16  
(87) **EP publ.dag:** 2017.08.23  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2014.10.16, US, 201462064957 P  
(86) **Int.inndag :** 2015.10.16  
(86) **Int.søknadsnr :** PCT/US2015/056066  
(73) **Innehaver:**  
Sage Therapeutics, Inc., 215 First StreetCambridge, MA  
02142, US-USA
- (72) **Oppfinner:**  
MARTINEZ BOTELLA, Gabriel, 17 Parmenter  
RoadWayland, MA 01778, US-USA  
SALITURO, Francesco G., 25 Baker DriveMarlborough, MA  
01752, US-USA  
ROBICHAUD, Albert Jean, 2 Earhart Street 915Cambridge,  
MA 02141, US-USA  
HARRISON, Boyd L., 9 Wheatston CourtPrinceton  
Junction, NJ 08550, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS AND METHODS FOR TREATING CNS  
DISORDERS

- (51) **Klasse :** *C07D 257/02 (2006.01)*  
*A61K 49/10 (2006.01)*
- (87) **EP Publ.nr:** EP3519394  
(86) **EP søkn.nr:** 17768733.2  
(86) **EP innl.dag:** 2017.09.11  
(87) **EP publ.dag:** 2019.08.07  
(80) **EP meddelt :** 2020.05.27  
(30) **Prioritet:** 2016.09.27, EP, 16190812  
(86) **Int.inndag :** 2017.09.11  
(86) **Int.søknadsnr :** PCT/EP2017/072683  
(73) **Innehaver:**  
Bayer Pharma Aktiengesellschaft, Müllerstrasse 17813353  
Berlin, DE-Tyskland
- (72) **Oppfinner:**  
PLATZEK, Johannes, Grottkauer Strasse 5512621 Berlin,  
DE-Tyskland  
TRENTMANN, Wilhelm, Gasselstiege 41948159 Münster,  
DE-Tyskland
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR PRODUCING THE CRYSTALLINE FORM  
OF MODIFICATION A OF CALCOBUTROL

- (51) **Klasse :** C07D 401/12 (2006.01)  
A61K 31/4439 (2006.01)  
A61P 9/00 (2006.01)  
A61P 27/00 (2006.01)  
A61P 35/00 (2006.01)  
A61P 37/00 (2006.01)
- (87) **EP Publ.nr:** EP3448849  
(86) **EP søkn.nr:** 17719256.4  
(86) **EP innl.dag:** 2017.04.25  
(87) **EP publ.dag:** 2019.03.06  
(80) **EP meddelt :** 2020.05.13  
(30) **Prioritet:** 2016.04.29, EP, 16167649  
2016.04.29, EP, 16167650
- (86) **Int.inndag :** 2017.04.25  
(86) **Int.søknadsnr :** PCT/EP2017/059748  
(73) **Innehaver:**  
Bayer Pharma Aktiengesellschaft, Müllerstrasse 17813353  
Berlin, DE-Tyskland
- (72) **Oppfinner:**  
THALER, Tobias, Prälat-Van-Acken-Str. 150935 Köln, DE-  
Tyskland  
PLATZEK, Johannes, Grottkauer Str. 5512621 Berlin, DE-  
Tyskland  
GUIMOND, Nicolas, Katernberger Str. 12642115  
Wuppertal, DE-Tyskland
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
SYNTHESIS OF INDAZOLES

- (51) **Klasse :** C07D 487/04 (2006.01)  
A61K 31/551 (2006.01)  
A61P 3/00 (2006.01)  
A61P 25/00 (2006.01)
- (87) **EP Publ.nr:** EP3286193  
(86) **EP søkn.nr:** 16718017.3  
(86) **EP innl.dag:** 2016.04.14  
(87) **EP publ.dag:** 2018.02.28  
(80) **EP meddelt :** 2020.05.27  
(30) **Prioritet:** 2015.04.15, HU, P1500169  
(86) **Int.inndag :** 2016.04.14  
(86) **Int.søknadsnr :** PCT/IB2016/052110  
(73) **Innehaver:**  
Richter Gedeon Nyrt., Gyömrői út 19-211103 Budapest,  
HU-Ungarn
- (72) **Oppfinner:**  
BEKE, Gyula, Kert u. 7-9.H-2092 Budakeszi, HU-Ungarn  
ÉLES, János, Ördögszikla út 2.H-1121 Budapest, HU-  
Ungarn  
BOROS, András, Kamilla u. 7.H-2112 Veresegyház, HU-  
Ungarn  
FARKAS, Sándor, Olajliget u. 42.H-1103 Budapest, HU-  
Ungarn  
KESERÜ , György Miklós, Eötvös út 47-53.1121 Budapest,  
HU-Ungarn
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
INDOLE DERIVATIVES

- (51) **Klasse :** C07D 489/08 (2006.01)  
C07D 489/12 (2006.01)
- (87) **EP Publ.nr:** EP3321269  
(86) **EP søkn.nr:** 17199667.1  
(86) **EP innl.dag:** 2012.10.01  
(87) **EP publ.dag:** 2018.05.16  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2011.10.03, US, 201161542491 P  
(73) **Innehaver:**  
Johnson Matthey Public Limited Company, 5th Floor 25  
Farringdon StreetLondon EC4A 4AB, GB-Storbritannia
- (72) **Oppfinner:**  
ARCHER, Nicolas, c/o Macfarlan Smith Limited10  
Wheatfield RoadEdinburgh, EH11 2QA, GB-Storbritannia  
BEASE, Michael, c/o Macfarlan Smith Limited10 Wheatfield  
RoadEdinburgh, EH11 2QA, GB-Storbritannia  
JAMIESON, Barbara, c/o Macfarlan Smith Limited10  
Wheatfield RoadEdinburgh, EH11 2QA, GB-Storbritannia  
MARMOR, Robert, 3935 Chevington RdCharlotte, NC  
28226-4936, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PROCESS FOR PREPARING BUPRENORPHINE  
INTERMEDIATES

- (51) **Klasse :** C07D 491/04 (2006.01)  
A61K 31/436 (2006.01)  
A61K 31/4985 (2006.01)  
A61P 31/04 (2006.01)  
C07D 401/14 (2006.01)  
C07D 471/04 (2006.01)  
C07D 493/04 (2006.01)  
C07D 498/04 (2006.01)  
C07D 513/04 (2006.01)
- (87) **EP Publ.nr:** EP3468975  
(86) **EP søkn.nr:** 17732775.6  
(86) **EP innl.dag:** 2017.06.05  
(87) **EP publ.dag:** 2019.04.17  
(80) **EP meddelt :** 2020.04.01  
(30) **Prioritet:** 2016.06.08, EP, 16173550  
(86) **Int.inndag :** 2017.06.05  
(86) **Int.søknadsnr :** PCT/EP2017/063600  
(73) **Innehaver:**  
Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F.  
S.p.A., Viale Amelia, 7000181 Roma, IT-Italia
- (72) **Oppfinner:**  
OMBRATO, Rosella, Via Abigail Zanetta 6800143 ROMA,  
IT-Italia  
MAGARO', Gabriele, Via IV Novembre 1800072 Ariccia  
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GAROFALO, Barbara, Via Latina 4900179 ROMA, IT-Italia  
FURLOTTI, Guido, Via Ferdinando Palasciano 9600151  
ROMA, IT-Italia  
MANGANO, Giorgina, Via Gran Paradiso 8400139 ROMA,  
IT-Italia  
CAPEZZONE DE JOANNON, Alessandra, Piazza dei  
Vespri Siciliani 700161 ROMA, IT-Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NEW ANTIBACTERIAL COMPOUNDS



- (51) **Klasse :** **C07H 21/00 (2006.01)**  
**C12N 15/113 (2010.01)**  
**C12P 19/34 (2006.01)**
- (87) **EP Publ.nr:** EP3286203  
(86) **EP søkn.nr:** 16720636.6  
(86) **EP innl.dag:** 2016.04.21  
(87) **EP publ.dag:** 2018.02.28  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2015.04.23, US, 201562151891 P  
(86) **Int.inndag :** 2016.04.21  
(86) **Int.søknadsnr :** PCT/US2016/028657  
(73) **Innehaver:**  
Geron Corporation, 919 E. Hillsdale Blvd.Foster City, CA 94404, US-USA
- (72) **Oppfinner:**  
RAMIYA, Premchandran, H., 1416 Allannmere DriveSan Ramon, California 94582, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
METHODS OF POLYNUCLEOTIDE PREPARATION USING MULTIVALENT CATION SALT COMPOSITIONS

- (51) **Klasse :** **C07K 14/735 (2006.01)**  
**C07K 14/00 (2006.01)**  
**C12N 15/85 (2006.01)**
- (87) **EP Publ.nr:** EP3129400  
(86) **EP søkn.nr:** 15718060.5  
(86) **EP innl.dag:** 2015.04.08  
(87) **EP publ.dag:** 2017.02.15  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2014.04.08, US, 201461977037 P  
(86) **Int.inndag :** 2015.04.08  
(86) **Int.søknadsnr :** PCT/US2015/024920  
(73) **Innehaver:**  
Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River RoadTarrytown, NY 10591-6707, US-USA
- (72) **Oppfinner:**  
MURPHY, Andrew J., c/o Regeneron Pharmaceuticals, Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA  
MACDONALD, Lynn, c/o Regeneron Pharmaceuticals, Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA  
GURER, Cagan, c/o Regeneron Pharmaceuticals, Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA  
MEAGHER, Karolina A., c/o Regeneron Pharmaceuticals, Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA  
TU, Naxin, c/o Regeneron Pharmaceuticals, Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
NON-HUMAN ANIMALS HAVING HUMANIZED FC-GAMMA RECEPTORS

- (51) **Klasse :** **C07K 16/22 (2006.01)**  
**A61K 39/395 (2006.01)**
- (87) **EP Publ.nr:** EP3216803  
(86) **EP søkn.nr:** 17151756.8  
(86) **EP innl.dag:** 2009.06.25  
(87) **EP publ.dag:** 2017.09.13  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2008.06.25, US, 133212 P  
2008.06.25, US, 75692 P  
2008.06.25, US, 75697 P  
2009.02.24, US, 155041 P
- (73) **Innehaver:**  
NOVARTIS AG, Lichtstrasse 354056 Basel, CH-Sveits
- (72) **Oppfinner:**  
BORRAS, Leonardo, lichtstrasse 354056 Basel, CH-Sveits  
URECH, David, c/o ESBATech, an Alcon Biomedical Research Unit LLCWagistrasse 218952 Schlieren, CH-Sveits  
GUNDE, Tea, c/o ESBATech, an Alcon Biomedical Research Unit LLCWagistrasse 218952 Schlieren, CH-Sveits
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
STABLE AND SOLUBLE ANTIBODIES INHIBITING VEGF

- (51) **Klasse :** **C07K 16/28 (2006.01)**  
**A61K 39/395 (2006.01)**  
**A61P 35/00 (2006.01)**  
**C07K 16/30 (2006.01)**  
**C07K 16/46 (2006.01)**
- (87) **EP Publ.nr:** EP3221357  
(86) **EP søkn.nr:** 15797972.5  
(86) **EP innl.dag:** 2015.11.17  
(87) **EP publ.dag:** 2017.09.27  
(80) **EP meddelt :** 2020.06.03  
(30) **Prioritet:** 2014.11.20, EP, 14194097  
(86) **Int.inndag :** 2015.11.17  
(86) **Int.søknadsnr :** PCT/EP2015/076745  
(73) **Innehaver:**  
F. Hoffmann-La Roche AG, Grenzacherstrasse 1244070 Basel, CH-Sveits
- (72) **Oppfinner:**  
KLEIN, Christian, Chruetzacherweg 418906 Bonstetten, CH-Sveits  
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HOSSE, Ralf, Schmiedstrasse 86330 Cham, CH-Sveits  
BRUENKER, Peter, Burgwiesenstrasse 3c8335 Hittnau, CH-Sveits  
UMANA, Pablo, Felsenrainstrasse 288832 Wollerau, CH-Sveits  
JAEGER, Christiane, Im Gupfen 168166 Niederweningen, CH-Sveits
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
COMMON LIGHT CHAINS AND METHODS OF USE



- (51) **Klasse :** C08F 2/20 (2006.01)  
C08F 8/12 (2006.01)  
C08F 18/04 (2006.01)  
B01F 17/00 (2006.01)  
C08F 2/30 (2006.01)  
C08F 114/06 (2006.01)  
C08L 29/04 (2006.01)
- (87) **EP Publ.nr:** EP3031830  
(86) **EP søkn.nr:** 14835372.5  
(86) **EP innl.dag:** 2014.08.06  
(87) **EP publ.dag:** 2016.06.15  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2013.08.07, JP, 2013164605  
(86) **Int.inndag :** 2014.08.06  
(86) **Int.søknadsnr :** PCT/JP2014/004115  
(73) **Innehaver:**  
Kuraray Co., Ltd., 1621, Sakazu Kurashiki-shiOkayama  
710-0801, JP-Japan
- (72) **Oppfinner:**  
FUKUHARA, Tadahito, c/o KURARAY CO. LTD.7471  
TamashimaotoshimaKurashiki-shiOkayama 713-8550, JP-  
Japan  
KUMAKI, Yosuke, c/o KURARAY CO. LTD.7471  
TamashimaotoshimaKurashiki-shiOkayama 713-8550, JP-  
Japan
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
DISPERSION STABILIZER FOR SUSPENSION  
POLYMERIZATION, AND MANUFACTURING METHOD  
FOR VINYL RESIN

- (51) **Klasse :** C08F 2/20 (2006.01)  
C08F 8/12 (2006.01)  
C08F 14/06 (2006.01)  
C08F 216/06 (2006.01)  
C08F 216/12 (2006.01)  
C08F 218/08 (2006.01)  
C08F 236/20 (2006.01)  
C08F 290/06 (2006.01)  
C08F 2/00 (2006.01)  
C08F 114/06 (2006.01)
- (87) **EP Publ.nr:** EP3381954  
(86) **EP søkn.nr:** 18000365.9  
(86) **EP innl.dag:** 2014.04.17  
(87) **EP publ.dag:** 2018.10.03  
(80) **EP meddelt :** 2020.02.05  
(30) **Prioritet:** 2013.04.19, JP, 2013088189  
(73) **Innehaver:**  
Kuraray Co., Ltd., 1621, SakazuKurashiki-shi, Okayama  
710-0801, JP-Japan
- (72) **Oppfinner:**  
Kumaki, Yosuke, c/o Kuraray Co., Ltd.7471,  
TamashimaotoshimaKurashiki-shi, Okayama, 7138550, JP-  
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Tanida, Tatsuya, c/o Kuraray Co., Ltd.7471,  
TamashimaotoshimaKurashiki-shi, Okayama, 7138550, JP-  
Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
USE OF A DISPERSION STABILIZER COMPRISING A  
WATER SOLUBLE VINYL ALCOHOL-BASED  
COPOLYMER IN A SUSPENSION POLYMERIZATION OF  
A VINYL-BASED MONOMER

- (51) **Klasse :** C09D 183/06 (2006.01)  
C08G 77/16 (2006.01)  
C08G 77/18 (2006.01)  
C08L 83/06 (2006.01)
- (87) **EP Publ.nr:** EP3519518  
(86) **EP søkn.nr:** 17780683.3  
(86) **EP innl.dag:** 2017.09.28  
(87) **EP publ.dag:** 2019.08.07  
(80) **EP meddelt :** 2020.05.13  
(30) **Prioritet:** 2016.09.29, EP, 16191353  
(86) **Int.inndag :** 2017.09.28  
(86) **Int.søknadsnr :** PCT/EP2017/074639  
(73) **Innehaver:**  
Jotun A/S, P.O. Box 20213202 SandefjordNorge
- (72) **Oppfinner:**  
MARTINSEN, Morten, JOTUN A/SP.O. Box 20213202  
SandefjordNorge
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PRIMER COATING COMPOSITION

- (51) **Klasse :** C09K 8/04 (2006.01)  
F17D 1/16 (2006.01)
- (87) **EP Publ.nr:** EP3178901  
(86) **EP søkn.nr:** 16201599.4  
(86) **EP innl.dag:** 2016.12.01  
(87) **EP publ.dag:** 2017.06.14  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2015.12.07, DE, 102015224469  
(73) **Innehaver:**  
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Wolfen, DE-Tyskland
- (72) **Oppfinner:**  
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Tyskland  
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Kilian, Norman, Fichtestraße 1a06114 Halle, DE-Tyskland  
Kochannek, Bernd, Schaumburg-Lippe-Straße 4c53113  
Bonn, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
HIGH DENSITY BOREHOLE FLUIDS HAVING LOW  
CRYSTALLIZATION TEMPERATURES

- (51) **Klasse :** **C09K 8/34 (2006.01)**  
**C09K 8/82 (2006.01)**
- (87) **EP Publ.nr:** EP3430104  
(86) **EP søkn.nr:** 17712631.5  
(86) **EP innl.dag:** 2017.03.09  
(87) **EP publ.dag:** 2019.01.23  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2016.03.17, US, 201662309662 P  
(86) **Int.inndag :** 2017.03.09  
(86) **Int.søknadsnr :** PCT/US2017/021478  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Post Office Box 5000Dhahran 31311, SA-Saudi Arabia  
Durham University, The Palatine Centre Stockton RoadDurham DH1 3LE, GB-Storbritannia  
M-I Drilling Fluids UK Limited, Pocrá Quay FootdeeAberdeen AB11 5DQ, GB-Storbritannia
- (72) **Oppfinner:**  
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VEERABHADRAPPA, Manohara Gudiyor, School of Engineering and Physical SciencesHeriot-Watt UniversityEdinburghScotland EH14 4AS, GB-Storbritannia  
HALL, John Adrian, c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, SA-Saudi Arabia  
ALABEDI, Gasan Selman, c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, GB-Storbritannia  
WHITING, Andrew, The Palatine CentreDurham UniversityStockton RoadDurham DH1 3LE, GB-Storbritannia  
HODDER, Michael Hayward, c/o M-I Drilling Fluids UK LimitedPocrá Quay FootdeeAberdeen AB11 5DQ, GB-Storbritannia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
OIL-BASED DRILLING FLUIDS CONTAINING AN ALKALINE-EARTH DIAMONDOID COMPOUND AS RHEOLOGY MODIFIER

- (51) **Klasse :** **C09K 8/536 (2006.01)**  
**C04B 35/01 (2006.01)**  
**C04B 38/00 (2006.01)**  
**C09K 8/54 (2006.01)**  
**C09K 8/80 (2006.01)**  
**E21B 43/04 (2006.01)**
- (87) **EP Publ.nr:** EP2702116  
(86) **EP søkn.nr:** 12719850.5  
(86) **EP innl.dag:** 2012.04.20  
(87) **EP publ.dag:** 2014.03.05  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2011.04.26, US, 201113094186  
(86) **Int.inndag :** 2012.04.20  
(86) **Int.søknadsnr :** PCT/US2012/034507  
(73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine WestfieldHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
GUPTA, D.V. Satyanarayana, 38 Webb Creek PlaceThe Woodlands, Texas 77382, US-USA
- (74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÄLLINGBY, Sverige
- (54) **Benevnelse:**  
COMPOSITE AND USE FOR CONTROLLED RELEASE OF WELL TREATMENT AGENTS

- (51) **Klasse :** **C09K 21/10 (2006.01)**  
**C08L 97/00 (2006.01)**  
**C08L 97/02 (2006.01)**  
**C09K 21/12 (2006.01)**  
**C09K 21/14 (2006.01)**
- (87) **EP Publ.nr:** EP3540027  
(86) **EP søkn.nr:** 19162093.9  
(86) **EP innl.dag:** 2019.03.12  
(87) **EP publ.dag:** 2019.09.18  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2018.03.13, DE, 102018105716  
(73) **Innehaver:**  
Technische Universität Dresden, Helmholtzstrasse 10 P.O. Box 32 01 3901069 Dresden, DE-Tyskland
- (72) **Oppfinner:**  
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Dr. THÜMLER, Katrin, Terrassengasse 1209599 Freiberg, DE-Tyskland  
GEBKE, Stefan, Wiesacker 5435396 Giessen, DE-Tyskland  
UNBEHAUN, Holger, Hechtstraße 2801097 Dresden, DE-Tyskland  
Dr. WAGENFÜHR, André, Heideweg 2601109 Dresden, DE-Tyskland  
DELENK, Hubertus, Am Kloster 101920 Panschwitz-Kuchau, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
FLAME RETARDANT AND METHOD FOR PRODUCTION OF THE FLAME RETARDANT AND USE THEREOF

- (51) **Klasse :** **C10B 53/07 (2006.01)**  
**C08J 11/12 (2006.01)**  
**C10B 47/18 (2006.01)**  
**C10B 47/32 (2006.01)**  
**C10G 1/00 (2006.01)**  
**C10G 1/10 (2006.01)**  
**G05D 23/00 (2006.01)**
- (87) **EP Publ.nr:** EP3436547  
(86) **EP søkn.nr:** 17724652.7  
(86) **EP innl.dag:** 2017.03.30  
(87) **EP publ.dag:** 2019.02.06  
(80) **EP meddelt :** 2020.05.13  
(30) **Prioritet:** 2016.03.30, US, 201662315639 P  
2017.03.29, US, 201715473569  
(86) **Int.inndag :** 2017.03.30  
(86) **Int.søknadsnr :** PCT/US2017/024872  
(73) **Innehaver:**  
RES Polyflow LLC, 8584 East Washington Street 304Chagrin Falls, OH 44023, US-USA
- (72) **Oppfinner:**  
SCHABEL, Jay, 18930 Eastwood DriveChagrin Falls, OH 44023, US-USA  
SCHWARZ, Richard A., 2016 Bridger RoadAkron, OH 44312, US-USA  
GRISPIN, Charles, W., 50 South Pershing AvenueAkron, OH 44313, US-USA  
GENCER, Mehmet, A., 10988 Tanager TrailBrecksville, OH 44141, US-USA  
HENSEL, Joseph, D., 1117 Bali CourtMacedonia, Ohio 44056, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PROCESS FOR PRODUCING PETROLEUM PRODUCTS

- (51) **Klasse :** C10L 1/02 (2006.01)  
C10L 1/14 (2006.01)  
C10L 1/18 (2006.01)  
C10L 1/185 (2006.01)  
C10L 1/19 (2006.01)  
C10L 1/23 (2006.01)  
C10L 10/02 (2006.01)
- (87) **EP Publ.nr:** EP3368639  
(86) **EP søkn.nr:** 15707407.1  
(86) **EP innl.dag:** 2015.01.29  
(87) **EP publ.dag:** 2018.09.05  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2014.01.29, GB, 201401467  
(86) **Int.inndag :** 2015.01.29  
(86) **Int.søknadsnr :** PCT/GB2015/000025  
(73) **Innehaver:**  
Tulino, Rosario Rocco, 165 Brompton Park  
CrescentLondon SW6 1SX, GB-Storbritannia  
Tulino Research & Partners Ltd., Barclays Bank Chambers  
11-48 Bridge Str.Stratford-upon-Avon, Warwickshire CV37  
6AH, GB-Storbritannia
- (72) **Oppfinner:**  
TULINO, Rosario Rocco, 165 Brompton Park  
CrescentLondon SW6 1SX, GB-Storbritannia
- (74) **Fullmektig:**  
Tulino Research & Partners Ltd, 11-14 Bridge Street  
Barclays Chambers, CV376AH STRATFORD UPON-  
AVON, WARWICKSHIRE, Storbritannia
- (54) **Benevnelse:**  
FORMULATION OF A NEW DIESEL FUEL SUITABLE  
FOR DIESEL ENGINES

- (51) **Klasse :** C12N 7/00 (2006.01)  
C07K 14/065 (2006.01)  
C07K 16/08 (2006.01)  
C12Q 1/70 (2006.01)
- (87) **EP Publ.nr:** EP3237607  
(86) **EP søkn.nr:** 15822933.6  
(86) **EP innl.dag:** 2015.12.22  
(87) **EP publ.dag:** 2017.11.01  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2014.12.22, SE, 1451636  
(86) **Int.inndag :** 2015.12.22  
(86) **Int.søknadsnr :** PCT/EP2015/080982  
(73) **Innehaver:**  
Veterinærinstituttet, Ullevålsveien 680454 OsloNorge
- (72) **Oppfinner:**  
GJESSING, Mona Cecile, Vallerveien 59F1344  
HaslumNorge  
TENGS, Torstein, Reverudsaaen 55C1341  
SlependenNorge
- (74) **Fullmektig:**  
Valea AB, Box 7086, 10387 STOCKHOLM, Sverige
- (54) **Benevnelse:**  
SALMON GILL POXVIRUS

- (51) **Klasse :** C12N 15/113 (2010.01)  
A61K 31/713 (2006.01)  
A61P 35/00 (2006.01)  
C07H 21/02 (2006.01)
- (87) **EP Publ.nr:** EP2978845  
(86) **EP søkn.nr:** 14713467.0  
(86) **EP innl.dag:** 2014.03.27  
(87) **EP publ.dag:** 2016.02.03  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2013.03.27, EP, 13161474  
2013.06.20, EP, 13173078  
2013.12.30, EP, 13199826
- (86) **Int.inndag :** 2014.03.27  
(86) **Int.søknadsnr :** PCT/EP2014/056221  
(73) **Innehaver:**  
ISARNA Therapeutics GmbH, Schellingstraße 109a80798  
München, DE-Tyskland
- (72) **Oppfinner:**  
JASCHINSKI, Frank, Christine-Zeiske-Weg 1282178  
Puchheim, DE-Tyskland  
JANICOT, Michel, Avenue Winston Churchill 1491180  
Brussels, BE-Belgia  
UHLMANN, Eugen, Zum Talblick 3161479 Glashütten, DE-  
Tyskland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
MODIFIED TGF-BETA OLIGONUCLEOTIDES

- (51) **Klasse :** C12N 15/90 (2006.01)  
A61K 9/00 (2006.01)  
A61K 48/00 (2006.01)  
C12N 15/113 (2010.01)
- (87) **EP Publ.nr:** EP3265568  
(86) **EP søkn.nr:** 16762307.3  
(86) **EP innl.dag:** 2016.03.07  
(87) **EP publ.dag:** 2018.01.10  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2015.03.06, US, 201562129638 P  
2015.04.14, US, 201562147307 P
- (86) **Int.inndag :** 2016.03.07  
(86) **Int.søknadsnr :** PCT/US2016/021226  
(73) **Innehaver:**  
Massachusetts Eye & Ear Infirmary, 243 Charles  
StreetBoston, MA 02114, US-USA
- (72) **Oppfinner:**  
PIERCE, Eric A., 118 Goden StreetBrookline,  
Massachusetts 02478, US-USA  
FARKAS, Michael H., 11 Sean Riley No.1Getzville, NY  
14053-1492, US-USA  
SOUSA, Maria E., 20 Fairfield StreetDedham,  
Massachusetts 02026, US-USA
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
GENE AUGMENTATION THERAPIES FOR INHERITED  
RETINAL DEGENERATION CAUSED BY MUTATIONS IN  
THE PRPF31 GENE

- (51) **Klasse :** **C12Q 1/68 (2018.01)**  
**C12N 9/12 (2006.01)**
- (87) **EP Publ.nr:** EP3161154
- (86) **EP søkn.nr:** 15739706.8
- (86) **EP innl.dag:** 2015.06.25
- (87) **EP publ.dag:** 2017.05.03
- (80) **EP meddelt :** 2020.04.15
- (30) **Prioritet:** 2014.06.27, US, 201462018470 P
- (86) **Int.inndag :** 2015.06.25
- (86) **Int.søknadsnr :** PCT/US2015/037785
- (73) **Innehaver:**  
Illumina, Inc., 5200 Illumina WaySan Diego, CA 92122, US-USA
- (72) **Oppfinner:**  
CHEN, Cheng-Yao, 2415 Randy LaneEugene, OR 97405, US-USA  
BOMATI, Erin, 5200 Illumina WaySan Diego, CA 92122, US-USA  
HE, Molly, 5200 Illumina WaySan Diego, CA 92122, US-USA
- (74) **Fullmektig:**  
Murgitroyd & Company, 165-169 Scotland Street, G58PL GLASGOW, Storbritannia
- (54) **Benevnelse:**  
MODIFIED POLYMERASES FOR IMPROVED INCORPORATION OF NUCLEOTIDE ANALOGUES

- (51) **Klasse :** **C12Q 1/6851 (2018.01)**  
**C12Q 1/6883 (2018.01)**
- (87) **EP Publ.nr:** EP3168309
- (86) **EP søkn.nr:** 15193966.7
- (86) **EP innl.dag:** 2015.11.10
- (87) **EP publ.dag:** 2017.05.17
- (80) **EP meddelt :** 2020.04.08
- (73) **Innehaver:**  
Eurofins LifeCodexx GmbH, Line-Eid-Strasse 378467 Konstanz, DE-Tyskland
- (72) **Oppfinner:**  
WERLER, Steffi, c/o Eurofins LifeCodexx GmbHLine-Eid-Strasse 378467 Konstanz, DE-Tyskland  
HOFMANN, Wera, c/o Eurofins LifeCodexx GmbHLine-Eid-Strasse 378467 Konstanz, DE-Tyskland  
SACHSE, Matthias, c/o Eurofins LifeCodexx GmbHLine-Eid-Strasse 378467 Konstanz, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DETECTION OF FOETAL CHROMOSOMAL ANEUPLOIDIES USING DNA REGIONS THAT ARE DIFFERENTIALLY METHYLATED BETWEEN THE FOETUS AND THE PREGNANT FEMALE

- (51) **Klasse :** **C25C 3/16 (2006.01)**
- (87) **EP Publ.nr:** EP3256623
- (86) **EP søkn.nr:** 16748782.6
- (86) **EP innl.dag:** 2016.02.05
- (87) **EP publ.dag:** 2017.12.20
- (80) **EP meddelt :** 2020.03.25
- (30) **Prioritet:** 2015.02.09, FR, 1500251
- (86) **Int.inndag :** 2016.02.05
- (86) **Int.søknadsnr :** PCT/IB2016/000120
- (73) **Innehaver:**  
Rio Tinto Alcan International Limited, 400-1190 Avenue des Canadiens de MontréalMontréal, QC H3B 0E3, CA-Canada
- (72) **Oppfinner:**  
BARDET, Benoit, 33 Rue Le RevetF-73300 Villargondran, FR-Frankrike  
RENAUDIER, Steeve, 13 Rue Jean MoulinF-73140 Saint Michel de Maurienne, FR-Frankrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
ALUMINIUM SMELTER AND METHOD TO COMPENSATE FOR A MAGNETIC FIELD CREATED BY THE CIRCULATION OF THE ELECTROLYSIS CURRENT OF SAID ALUMINIUM SMELTER

- (51) **Klasse :** **E01B 19/00 (2006.01)**  
**E01B 26/00 (2006.01)**  
**E01F 8/00 (2006.01)**
- (87) **EP Publ.nr:** EP3135813
- (86) **EP søkn.nr:** 16185430.2
- (86) **EP innl.dag:** 2016.08.24
- (87) **EP publ.dag:** 2017.03.01
- (80) **EP meddelt :** 2020.03.04
- (30) **Prioritet:** 2015.08.27, DE, 102015114219
- (73) **Innehaver:**  
KRAIBURG STRAIL GmbH & Co. KG, Göllstrasse 884529 Tittmoning, DE-Tyskland
- (72) **Oppfinner:**  
Tutzer, Roland, Werberg 395132 Geretsberg, AT-Østerrike  
Weiss, Wolfgang, Schlossberg 25261 Duttendorf, AT-Østerrike  
Bartolomä, Johannes, Neudorf 245231 Schalchen, AT-Østerrike  
Mörtl, Andreas, Hohenbergham 983413 Fridolfing, DE-Tyskland  
Neudeck, Michael, Ingelheimer Straße 1955437 Appenheim, DE-Tyskland  
Mölter, Tristan, Rotgerberstraße 1184149 Velden, DE-Tyskland
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
SOUND-PROOFING DEVICE FOR A TRACK SYSTEM

- (51) **Klasse :** *E03D 11/16 (2006.01)*  
*F16L 21/00 (2006.01)*  
*F16L 25/14 (2006.01)*  
*F16L 41/08 (2006.01)*  
*E03D 11/14 (2006.01)*
- (87) **EP Publ.nr:** EP2762650  
(86) **EP søkn.nr:** 14152930.5  
(86) **EP innl.dag:** 2014.01.28  
(87) **EP publ.dag:** 2014.08.06  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2013.02.01, NL, 2010226  
(73) **Innehaver:**  
Easy Sanitary Solutions B.V., Nijverheidsstraat 607575 BK Oldenzaal, NL-Nederland
- (72) **Oppfinner:**  
KEIZERS, Jurgen Hendrik Peter Joseph, Hofkamp 1827582 GH Losser, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Device for connecting a drain to an outlet pipe

- (51) **Klasse :** *E04F 15/02 (2006.01)*  
*E04D 13/04 (2006.01)*
- (87) **EP Publ.nr:** EP3284878  
(86) **EP søkn.nr:** 17186082.8  
(86) **EP innl.dag:** 2017.08.14  
(87) **EP publ.dag:** 2018.02.21  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2016.08.18, AT, 507442016  
(73) **Innehaver:**  
Leitner, Franz, Finkengang 564048 Puchenau, AT-Østerrike  
Möstl, Gerhard, Altstadt 6-84020 Linz, AT-Østerrike
- (72) **Oppfinner:**  
Leitner, Franz, Finkengang 564048 Puchenau, AT-Østerrike  
Möstl, Gerhard, Altstadt 6-84020 Linz, AT-Østerrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
DRAINAGE DEVICE FOR TILES

- (51) **Klasse :** *E21B 4/02 (2006.01)*  
*E21B 4/18 (2006.01)*  
*E21B 44/04 (2006.01)*
- (87) **EP Publ.nr:** EP3186465  
(86) **EP søkn.nr:** 15835748.3  
(86) **EP innl.dag:** 2015.08.24  
(87) **EP publ.dag:** 2017.07.05  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2014.08.26, US, 201414469240  
(86) **Int.inndag :** 2015.08.24  
(86) **Int.søknadsnr :** PCT/US2015/046532  
(73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine WestfieldHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
LEHR, Joerg, Riethkamp 44Lower Saxony29229 Celle, DE-Tyskland
- (74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÄLLINGBY, Sverige
- (54) **Benevnelse:**  
DOWNHOLE MOTOR FOR EXTENDED REACH APPLICATIONS

- (51) **Klasse :** *E21B 29/02 (2006.01)*  
*E21B 7/14 (2006.01)*  
*F23D 14/42 (2006.01)*
- (87) **EP Publ.nr:** EP3482036  
(86) **EP søkn.nr:** 17737919.5  
(86) **EP innl.dag:** 2017.07.07  
(87) **EP publ.dag:** 2019.05.15  
(80) **EP meddelt :** 2020.05.13  
(30) **Prioritet:** 2016.07.07, NL, 2017125  
(86) **Int.inndag :** 2017.07.07  
(86) **Int.søknadsnr :** PCT/NL2017/050454  
(73) **Innehaver:**  
Callidus Capital B.V., Rottumerweg 198445 Heerenveen, NL-Nederland
- (72) **Oppfinner:**  
VAN DER WERF, Sven IJme, c/o Rottumerweg 198445 PA Heerenveen, NL-Nederland  
STUIVER, Michel, c/o Rottumerweg 198445 PA Heerenveen, NL-Nederland  
VEENSTRA, Feitze, c/o Rottumerweg 198445 PA Heerenveen, NL-Nederland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
METHOD AND ARRANGEMENT FOR REMOVING A LINER BELOW SURFACE

- (51) **Klasse :** *E21B 29/10 (2006.01)*  
*E21B 7/14 (2006.01)*  
*E21B 7/15 (2006.01)*  
*E21B 29/02 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/13 (2006.01)*  
*E21B 33/14 (2006.01)*  
*E21B 36/00 (2006.01)*  
*E21B 36/04 (2006.01)*
- (87) **EP Publ.nr:** EP3277916  
(86) **EP søkn.nr:** 16774309.5  
(86) **EP innl.dag:** 2016.04.01  
(87) **EP publ.dag:** 2018.02.07  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2015.04.02, US, 201562142326 P  
(86) **Int.inndag :** 2016.04.01  
(86) **Int.søknadsnr :** PCT/US2016/025551  
(73) **Innehaver:**  
Schlumberger Technology B.V., Parkstraat 83-89m2514 JG The Hague, NL-Nederland
- (72) **Oppfinner:**  
PIPCHUK, Douglas, 2221 2nd Avenue NW Calgary, Alberta T2N 0H1, CA-Canada  
COOPER, Iain Michael, 5599 San Felipe16th FloorHouston, Texas 77056, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (54) **Benevnelse:**  
WELLBORE PLUG AND ABANDONMENT



- (51) **Klasse :** *E21B 33/035 (2006.01)*  
*E21B 34/04 (2006.01)*  
*E21B 43/12 (2006.01)*
- (87) **EP Publ.nr:** EP2917459  
(86) **EP søkn.nr:** 13853495.3  
(86) **EP innl.dag:** 2013.11.06  
(87) **EP publ.dag:** 2015.09.16  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2012.11.06, US, 201261723209 P  
(86) **Int.inndag :** 2013.11.06  
(86) **Int.søknadsnr :** PCT/US2013/068777  
(73) **Innehaver:**  
FMC Technologies, Inc., 1803 Gears RoadHouston, TX 77067, US-USA
- (72) **Oppfinner:**  
BREDA, Jøren, Sundveien 14 bN-1397 NesøyaNorge  
ÅSLI, Egil, Veungsdalsvg. 28N-3615 KongsbergNorge  
SMEDSTAD, Eric, R., 3937 Pebble Brook DriveLeague City, TX 77573, US-USA  
MURPHY, Richard, 14323 Mopan Springs LaneHouston, TX 77044, US-USA  
RILEY, Paul, L., 915 Pecore StreetHouston, TX 77009, US-USA
- (74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
HORIZONTAL VERTICAL DEEPWATER TREE

- (51) **Klasse :** *E21B 36/00 (2006.01)*  
*C09K 8/00 (2006.01)*  
*C09K 8/58 (2006.01)*  
*E21B 43/24 (2006.01)*
- (87) **EP Publ.nr:** EP2646646  
(86) **EP søkn.nr:** 10754705.1  
(86) **EP innl.dag:** 2010.08.24  
(87) **EP publ.dag:** 2013.10.09  
(80) **EP meddelt :** 2020.04.08  
(86) **Int.inndag :** 2010.08.24  
(86) **Int.søknadsnr :** PCT/EP2010/062356  
(73) **Innehaver:**  
Stone Wall s.r.o., Hled'sebe 26Lhotka, CZ-Den tsjekkiske republikk
- (72) **Oppfinner:**  
ALEXANDROV, Eugeny, Nikolaevich, Varshavskoe ShosseHouse no. 16flat 252Moscow 117105, RU-Russland  
LEMENOVSKI, Dmitry, Anatoljevich, Rublevskoe ShosseHouse no. 16corp. 2, flat 65Moscow 121467, RU-Russland  
KOLLER, Zdenek, Kovarova 166/3A155 00 Prague 5, CZ-Den tsjekkiske republikk
- (74) **Fullmektig:**  
ONSA GERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR THERMALLY TREATING AN OIL RESERVOIR

- (51) **Klasse :** *E21B 43/22 (2006.01)*  
*C09K 8/58 (2006.01)*
- (87) **EP Publ.nr:** EP2946070  
(86) **EP søkn.nr:** 13871933.1  
(86) **EP innl.dag:** 2013.12.30  
(87) **EP publ.dag:** 2015.11.25  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2013.01.18, US, 201361754060 P  
(86) **Int.inndag :** 2013.12.30  
(86) **Int.søknadsnr :** PCT/US2013/078216  
(73) **Innehaver:**  
ConocoPhillips Company, 925 N. Eldridge ParkwayHouston, Texas 77079, US-USA  
University of Kansas, Ku Center For Technology Commercialization Youngberg Hall 2385 Irving Hill RoadLawrence, KS 66045-7563, US-USA
- (72) **Oppfinner:**  
GUAN, Huili, The University of Kansas1450 Jayhawk BoulevardLawrence, KS 66045, US-USA  
BERKLAND, Cory, The University of Kansas1450 Jayhawk BoulevardLawrence, KS 66045, US-USA  
MORADI-ARAGHI, Ahmad, 600 N. Dairy AshfordMA 1135Houston, TX 77079, US-USA  
LIANG, Jenn-Tai, The University of Kansas1450 Jayhawk BoulevardLawrence, KS 66045, US-USA  
CHRISTIAN, Terry, M., 600 N. Dairy AshfordMA 1135Houston, TX 77079, US-USA  
NEEDHAM, Riley, B., 600 N. Dairy AshfordMA 1135Houston, TX 77079, US-USA  
CHENG, Min, 600 N. Dairy AshfordMA 1135Houston, TX 77079, US-USA  
SCULLY, Faye, L., 600 N. Dairy AshfordMA 1135Houston, TX 77079, US-USA  
HEDGES, James, H., 4563 Castle CircleBroomfield, CO 80023, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NANOGELS FOR DELAYED GELATION

- (51) **Klasse :** *E21B 47/01 (2012.01)*  
*E21B 47/09 (2012.01)*  
*E21B 47/12 (2012.01)*
- (87) **EP Publ.nr:** EP3428387  
(86) **EP søkn.nr:** 18183206.4  
(86) **EP innl.dag:** 2018.07.12  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2017.07.12, US, 201715647877  
(73) **Innehaver:**  
OneSubsea IP UK Limited, 100 New Bridge StreetLondon EC4V 6JA, GB-Storbritannia
- (72) **Oppfinner:**  
NESHEIM, Tom Inge, Feråsli 105253 SandsliNorge  
TONNING, Daniel, Monrad Mjeldes Vei 295161 LaksavagNorge
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (54) **Benevnelse:**  
PROXIMITY SENSOR FOR SUBSEA ROTATING EQUIPMENT



- (51) **Klasse :** *E21B 47/06 (2012.01)*  
*E21B 47/12 (2012.01)*  
*G01V 11/00 (2006.01)*
- (87) **EP Publ.nr:** EP2638244  
(86) **EP søkn.nr:** 11806009.4  
(86) **EP innl.dag:** 2011.11.11  
(87) **EP publ.dag:** 2013.09.18  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2010.11.12, US, 413179 P  
(86) **Int.inndag :** 2011.11.11  
(86) **Int.søknadsnr :** PCT/US2011/060454  
(73) **Innehaver:**  
Chevron U.S.A. Inc., 6001 Bollinger Canyon RoadSan Ramon, CA 94583, US-USA
- (72) **Oppfinner:**  
GONZALEZ, Manuel E., 1602 Seven Maples DriveKingwood, Texas 77345, US-USA  
THOMPSON, M. Clark, 511 Myrtle StreetLos Alamos, New Mexico 87544, US-USA  
WILLIFORD, Robert L., 1560 Yuma St.Los Alamos, New Mexico 87544, US-USA  
BECK, David W., 44 EstambreSanta Fe, New Mexico 87508, US-USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR REMOTE SENSING

- (51) **Klasse :** *F04C 15/00 (2006.01)*  
*B01D 21/00 (2006.01)*  
*B01D 21/24 (2006.01)*  
*E21B 43/12 (2006.01)*  
*F04C 29/02 (2006.01)*  
*F04D 13/10 (2006.01)*  
*F04D 29/063 (2006.01)*
- (87) **EP Publ.nr:** EP2612034  
(86) **EP søkn.nr:** 11730167.1  
(86) **EP innl.dag:** 2011.07.01  
(87) **EP publ.dag:** 2013.07.10  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2010.08.31, US, 873168  
(86) **Int.inndag :** 2011.07.01  
(86) **Int.søknadsnr :** PCT/US2011/042847  
(73) **Innehaver:**  
General Electric Company, 1 River RoadSchenectady, NY 12345, US-USA
- (72) **Oppfinner:**  
ANDERSON, David, Deloyd, General Electric Company Global ResearchOne Research DriveBldg. K1-3A59Niskayuna, NY 12309, US-USA  
KOTHNUR, Vasanth, Srinivasa, General Electric Company Global ResearchOne Research DriveBldg. K1-3A59Niskayuna, NY 12309, US-USA  
DEO, Hrishikesh, Vishvas, General Electric Company Global ResearchOne Research DriveBldg. K1-3A59Niskayuna, NY 12309, US-USA  
SVEEN, Johan, Kristian, General Electric Company Global ResearchOne Research DriveBldg. K1-3A59Niskayuna, NY 12309, US-USA  
SAELE, Ove, General Electric Company Global ResearchOne Research DriveBldg. K1-3A59Niskayuna, NY 12309, US-USA
- (74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÅLLINGBY, Sverige
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR MULTIPHASE PUMP LUBRICATION

- (51) **Klasse :** *F04F 5/10 (2006.01)*  
*E21B 43/12 (2006.01)*  
*F04F 5/46 (2006.01)*  
*F04F 5/54 (2006.01)*
- (87) **EP Publ.nr:** EP3221591  
(86) **EP søkn.nr:** 15861536.9  
(86) **EP innl.dag:** 2015.11.17  
(87) **EP publ.dag:** 2017.09.27  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2014.11.17, US, 201462080820 P  
(86) **Int.inndag :** 2015.11.17  
(86) **Int.søknadsnr :** PCT/US2015/061098  
(73) **Innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James PlaceHouston Texas 77056, US-USA
- (72) **Oppfinner:**  
PUGH, Toby, 2000 St. James PlaceHouston, TX 77056, US-USA  
NUNEZ, Osman, 2000 St. James PlaceHouston, TX 77056, US-USA  
JUENKE, Michael, 2000 St. James PlaceHouston, TX 77056, US-USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
REVERSE FLOW JET PUMP

- (51) **Klasse :** *F16G 15/06 (2006.01)*  
*F16B 21/18 (2006.01)*  
*F16B 2/10 (2006.01)*
- (87) **EP Publ.nr:** EP3356698  
(86) **EP søkn.nr:** 16852248.0  
(86) **EP innl.dag:** 2016.08.15  
(87) **EP publ.dag:** 2018.08.08  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2015.09.29, US, 201562234437 P  
2016.08.03, US, 201615227645  
(86) **Int.inndag :** 2016.08.15  
(86) **Int.søknadsnr :** PCT/US2016/047062  
(73) **Innehaver:**  
The Crosby Group LLC, 2857 Dawson RoadTulsa, OK 74110, US-USA
- (72) **Oppfinner:**  
VERBRUGGE, Peter, 4141 South CincinnatiTulsa, Oklahoma 74105, US-USA
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
SHACKLE PIN SPLIT NUT ASSEMBLY

(51) **Klasse :** *F21V 37/00 (2006.01)*  
*F21S 13/12 (2006.01)*  
*F21V 25/00 (2006.01)*  
(87) **EP Publ.nr:** EP3559548  
(86) **EP søkn.nr:** 17800630.0  
(86) **EP innl.dag:** 2017.08.17  
(87) **EP publ.dag:** 2019.10.30  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2017.01.03, SI, 201700003  
2017.05.23, SI, 201700142  
2017.06.27, SI, 201700193  
(86) **Int.inndag :** 2017.08.17  
(86) **Int.søknadsnr :** PCT/SI2017/000020  
(73) **Innehaver:**  
Stele, Anton, Glavni trg 161240 Kamnik, SI-Slovenia  
(72) **Oppfinner:**  
Stele, Anton, Glavni trg 161240 Kamnik, SI-Slovenia  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(54) **Benevnelse:**  
LIGHTING DEVICE EMPLOYING LIQUID FUEL

(51) **Klasse :** *F24C 15/00 (2006.01)*  
*F21W 131/307 (2006.01)*  
(87) **EP Publ.nr:** EP3359881  
(86) **EP søkn.nr:** 15775235.3  
(86) **EP innl.dag:** 2015.10.08  
(87) **EP publ.dag:** 2018.08.15  
(80) **EP meddelt :** 2020.05.06  
(86) **Int.inndag :** 2015.10.08  
(86) **Int.søknadsnr :** PCT/EP2015/073228  
(73) **Innehaver:**  
Arçelik Anonim Sirketi, Sutluce Karaagac Caddesi No: 2/6  
Beyoglu34445 Istanbul, TR-Tyrkia  
(72) **Oppfinner:**  
ARSLANTEKIN, Ihsan, E5 Ankara Asfalti UzeriTuzla34950  
Istanbul, TR-Tyrkia  
KARAER, Erol, E5 Ankara Asfalti UzeriTuzla34950  
Istanbul, TR-Tyrkia  
TAN, Oguz, E5 Ankara Asfalti UzeriTuzla34950 Istanbul,  
TR-Tyrkia  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
COOKING APPLIANCE WITH AN ILLUMINATING DEVICE

(51) **Klasse :** *F25B 9/00 (2006.01)*  
*F25B 31/00 (2006.01)*  
(87) **EP Publ.nr:** EP3071901  
(86) **EP søkn.nr:** 14824055.9  
(86) **EP innl.dag:** 2014.11.21  
(87) **EP publ.dag:** 2016.09.28  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2013.11.22, FR, 1361499  
(86) **Int.inndag :** 2014.11.21  
(86) **Int.søknadsnr :** PCT/FR2014/052983  
(73) **Innehaver:**  
Dynaes, Zone Artisanale La Paillerie61340 Berd Huis, FR-  
Frankrike  
(72) **Oppfinner:**  
BARBAN, Frédéric, 13 Rue de la GlacièreF-75013 Paris,  
FR-Frankrike  
DEBOUX, Bruno, 1363 Quai Marcel DassaultF-92210 Saint  
Cloud, FR-Frankrike  
KALINOWSKI, Pascal, BougèresF-61400 Villiers sous  
Mortagne, FR-Frankrike  
RIZK, Joëlle, 123 rue du théâtreF-75015 Paris, FR-  
Frankrike  
MORO-PEREZ, Jimmy, Le champs MercierF-61340 Saint  
Jean de la Foret, FR-Frankrike  
CASTELAIN, Gilles, -décédé, FR-Frankrike  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(54) **Benevnelse:**  
DEVICE FOR USE WITH A REFRIGERANT FLUID FOR  
INCREASING THERMODYNAMIC PERFORMANCE

(51) **Klasse :** *F41A 15/12 (2006.01)*  
(87) **EP Publ.nr:** EP3454003  
(86) **EP søkn.nr:** 18198596.1  
(86) **EP innl.dag:** 2016.12.14  
(87) **EP publ.dag:** 2019.03.13  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2015.12.15, US, 201514969343  
(73) **Innehaver:**  
Smith & Wesson Inc., 2100 Roosevelt AvenueSpringfield,  
MA 01104, US-USA  
(72) **Oppfinner:**  
VIVIANO, Matteo, 39359 Rivercrest AvenueHarrison  
Township, MI 48045-1784, US-USA  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(54) **Benevnelse:**  
BOLT CARRIER BEARING TUBE FOR RIFLE RECEIVER

- (51) **Klasse :** **G01N 27/333 (2006.01)**  
**G01N 33/487 (2006.01)**
- (87) **EP Publ.nr:** EP3361243
- (86) **EP søkn.nr:** 18158118.2
- (86) **EP innl.dag:** 2015.04.14
- (87) **EP publ.dag:** 2018.08.15
- (80) **EP meddelt :** 2020.03.04
- (30) **Prioritet:** 2014.04.18, US, 201461981277 P
- (73) **Innehaver:**  
Siemens Healthcare Diagnostics Inc., 511 Benedict AvenueTarrytown, NY 10591, US-USA
- (72) **Oppfinner:**  
Zhang, Wei, 57 Prince StreetNeedham, Massachusetts 02492, US-USA  
Horan, Kevin, 213 Oak StreetRaynham, Massachusetts 02767, US-USA
- (74) **Fullmektig:**  
ONAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
MAGNESIUM SENSING MEMBRANE FOR POTENTIOMETRIC ION SELECTIVE ELECTRODE FOR MEASURING IONIZED MAGNESIUM AND METHODS OF USE THEREOF

- (51) **Klasse :** **G01S 3/808 (2006.01)**  
**G08G 3/00 (2006.01)**
- (87) **EP Publ.nr:** EP3105608
- (86) **EP søkn.nr:** 15713629.2
- (86) **EP innl.dag:** 2015.01.14
- (87) **EP publ.dag:** 2016.12.21
- (80) **EP meddelt :** 2020.05.06
- (30) **Prioritet:** 2014.02.14, DE, 102014101902
- (86) **Int.inndag :** 2015.01.14
- (86) **Int.søknadsnr :** PCT/DE2015/100020
- (73) **Innehaver:**  
ATLAS ELEKTRONIK GmbH, Sebaldsbrücker Heerstraße 23528309 Bremen, DE-Tyskland
- (72) **Oppfinner:**  
DORSCH, Wolfgang, Hessenring 1226789 Leer, DE-Tyskland  
MÜLLER, Rolf, Heinz-Schulz-Weg 1128357 Bremen, DE-Tyskland  
SCHMIDT, Heiko, Königsberger Strasse 927299 Langwedel, DE-Tyskland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
MONITORING SYSTEM FOR MONITORING, AND METHOD FOR VERIFYING, A WATERCRAFT OR A PLURALITY OF WATERCRAFT

- (51) **Klasse :** **G01V 1/28 (2006.01)**
- (87) **EP Publ.nr:** EP2834673
- (86) **EP søkn.nr:** 13715880.4
- (86) **EP innl.dag:** 2013.04.03
- (87) **EP publ.dag:** 2015.02.11
- (80) **EP meddelt :** 2020.03.18
- (30) **Prioritet:** 2012.04.04, US, 201261620341 P
- (86) **Int.inndag :** 2013.04.03
- (86) **Int.søknadsnr :** PCT/US2013/035054
- (73) **Innehaver:**  
BP Corporation North America Inc., 501 Westlake Park BoulevardHouston, TX 77079, US-USA
- (72) **Oppfinner:**  
VYAS, Madhav, 150 W. Warrenville RoadMC 200-1WNaperville, IL 60563, US-USA  
SHARMA, Arvind, 150 W. Warrenville RoadMC 200-1WNaperville, IL 60563, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
SYSTEMS AND METHODS FOR OPTIMAL STACKING OF SEISMIC DATA

- (51) **Klasse :** **G01V 1/36 (2006.01)**
- (87) **EP Publ.nr:** EP2831635
- (86) **EP søkn.nr:** 13767636.7
- (86) **EP innl.dag:** 2013.03.29
- (87) **EP publ.dag:** 2015.02.04
- (80) **EP meddelt :** 2020.03.11
- (30) **Prioritet:** 2012.03.29, US, 201261617577 P
- (86) **Int.inndag :** 2013.03.29
- (86) **Int.søknadsnr :** PCT/US2013/034567
- (73) **Innehaver:**  
Geco Technology B.V., Gevers Deynootweg 612586 BJ S'Gravenhage, NL-Nederland
- (72) **Oppfinner:**  
LIU, Kuang-Hung, 1725 Crescent Plaza DriveApt. 3164Houston, TX 77077, US-USA  
DRAGOSET, William H. Jr., 7807 Westwind Ct.Houston, TX 77071, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (54) **Benevnelse:**  
SEISMIC NOISE REMOVAL

- (51) **Klasse :** **G01V 1/36 (2006.01)**  
**G01V 1/38 (2006.01)**
- (87) **EP Publ.nr:** EP3112907
- (86) **EP søkn.nr:** 16176251.3
- (86) **EP innl.dag:** 2016.06.24
- (87) **EP publ.dag:** 2017.01.04
- (80) **EP meddelt :** 2020.05.06
- (30) **Prioritet:** 2015.06.29, US, 201562185793 P  
2016.03.30, US, 201615084748
- (73) **Innehaver:**  
PGS Geophysical AS, P O Box 251 Lilleaker0216 OsloNorge
- (72) **Oppfinner:**  
HEGNA, Stian, Attention: Legal Department15375 Memorial DriveHouston TX 77079, US-USA  
KLUVER, Tilman, Attention: Legal Department15375 Memorial DriveHouston TX 77079Norge
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SEPARATION OF UP-GOING AND DOWN-GOING WAVEFIELDS INCLUDING THE DIRECT ARRIVAL

(51) **Klasse :** *G01V 99/00 (2009.01)*  
 (87) **EP Publ.nr:** EP3482235  
 (86) **EP søkn.nr:** 16738514.5  
 (86) **EP innl.dag:** 2016.07.07  
 (87) **EP publ.dag:** 2019.05.15  
 (80) **EP meddelt :** 2020.04.08  
 (86) **Int.inndag :** 2016.07.07  
 (86) **Int.søknadsnr :** PCT/GB2016/052049  
 (73) **Innehaver:**  
 Total SA, 2 place Jean Millier La Défense 692400  
 Courbevoie, FR-Frankrike  
 (72) **Oppfinner:**  
 SHAHRAEENI, Mohammad, 70 Tailor PlaceAberdeen,  
 Aberdeenshire AB24 4RU, GB-Storbritannia  
 (74) **Fullmektig:**  
 Murgitroyd & Company, 165-169 Scotland Street, G58PL  
 GLASGOW, Storbritannia  
 (54) **Benevnelse:**  
 METHOD OF CHARACTERISING A SUBSURFACE  
 REGION USING MULTIPLE POINT STATISTICS

(51) **Klasse :** *G05B 15/02 (2006.01)*  
*G05D 23/19 (2006.01)*  
 (87) **EP Publ.nr:** EP2997338  
 (86) **EP søkn.nr:** 14731327.4  
 (86) **EP innl.dag:** 2014.05.13  
 (87) **EP publ.dag:** 2016.03.23  
 (80) **EP meddelt :** 2020.03.11  
 (30) **Prioritet:** 2013.05.13, GB, 201308560  
 (86) **Int.inndag :** 2014.05.13  
 (86) **Int.søknadsnr :** PCT/GB2014/051465  
 (73) **Innehaver:**  
 Intellistat Ltd., Wester Balquhandy House Muckhart  
 RoadDunning, Perth PH2 0RB, GB-Storbritannia  
 (72) **Oppfinner:**  
 JOHNSON, Robert, Intellistat Ltd.Wester Balquhandy  
 HouseMuckhart RoadDunning, Perth PH2 0RB, GB-  
 Storbritannia  
 (74) **Fullmektig:**  
 Intellistat Ltd., Wester Balquhandy House Muckhart Road,  
 PH20RB DUNNING, PERTH, Storbritannia  
 (54) **Benevnelse:**  
 TEMPERATURE CONTROL

(51) **Klasse :** *G06F 3/01 (2006.01)*  
*G06F 21/84 (2013.01)*  
 (87) **EP Publ.nr:** EP3208703  
 (86) **EP søkn.nr:** 15850987.7  
 (86) **EP innl.dag:** 2015.09.30  
 (87) **EP publ.dag:** 2017.08.23  
 (80) **EP meddelt :** 2020.04.01  
 (30) **Prioritet:** 2014.10.14, CN, 201410542077  
 (86) **Int.inndag :** 2015.09.30  
 (86) **Int.søknadsnr :** PCT/CN2015/091215  
 (73) **Innehaver:**  
 Alibaba Group Holding Limited, Fourth Floor, One Capital  
 Place P.O. Box 847 George TownGrand Cayman, KY-  
 Cayman-øyene  
 (72) **Oppfinner:**  
 LV, Kun, Alibaba Group Legal Department 5/FBuilding  
 3No.969 West Wenyi RoadYuhang  
 DistrictHangzhouZhejiang 311121, CN-Kina  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD AND APPARATUS FOR PROCESSING  
 SCREEN SENSITIVE INFORMATION

(51) **Klasse :** *G06F 9/34 (2018.01)*  
*G06F 9/30 (2018.01)*  
 (87) **EP Publ.nr:** EP3227773  
 (86) **EP søkn.nr:** 15788391.9  
 (86) **EP innl.dag:** 2015.10.30  
 (87) **EP publ.dag:** 2017.10.11  
 (80) **EP meddelt :** 2020.05.20  
 (30) **Prioritet:** 2014.12.04, US, 201414560486  
 (86) **Int.inndag :** 2015.10.30  
 (86) **Int.søknadsnr :** PCT/EP2015/075231  
 (73) **Innehaver:**  
 International Business Machines Corporation, New Orchard  
 RoadArmonk, New York 10504, US-USA  
 (72) **Oppfinner:**  
 BRADBURY, Jonathan, David, IBM Corporation2455 South  
 RoadPoughkeepsie, NY 12601-5400, US-USA  
 JACOBI, Christian, IBM Corporation2455 South  
 RoadPoughkeepsie, NY 12601-5400, US-USA  
 SLEGEL, Timothy, IBM CorporationMail Drop MS-  
 P3102455 South RoadPoughkeepsie, NY 12601-5400, US-  
 USA  
 GSCHWIND, Michael, Karl, IBM Corporation1101  
 Kitchawan RoadRoute 134PO Box 218Yorktown Heights,  
 NY 10598, US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR ACCESSING DATA IN A MEMORY AT AN  
 UNALIGNED ADDRESS

(51) **Klasse :** *G06F 9/455 (2018.01)*  
*G06F 9/445 (2018.01)*  
*G06F 9/50 (2006.01)*  
*G06F 9/54 (2006.01)*  
 (87) **EP Publ.nr:** EP2840497  
 (86) **EP søkn.nr:** 13778383.3  
 (86) **EP innl.dag:** 2013.04.18  
 (87) **EP publ.dag:** 2015.02.25  
 (80) **EP meddelt :** 2020.03.18  
 (30) **Prioritet:** 2012.04.19, ES, 201230581  
 (86) **Int.inndag :** 2013.04.18  
 (86) **Int.søknadsnr :** PCT/ES2013/070247  
 (73) **Innehaver:**  
 Universitat Politècnica De Catalunya, C/ Jordi Girona 31  
 Edificio Til·lers, Planta 108034 Barcelona, ES-Spania  
 (72) **Oppfinner:**  
 PAJUELO GONZÁLEZ, Alejandro, C/ Jordi Girona,  
 31Edificio Til·lersPlanta 1E-08034 Barcelona, ES-Spania  
 VERDÚ MULÀ, Javier, C/ Jordi Girona, 31Edificio  
 Til·lersPlanta 1E-08034 Barcelona, ES-Spania  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD, SYSTEM AND AN EXECUTABLE PIECE OF  
 CODE FOR THE VIRTUALISATION OF A HARDWARE  
 RESOURCE ASSOCIATED WITH A COMPUTER  
 SYSTEM

(51) **Klasse :** **G06F 15/16 (2006.01)**  
**H04L 29/12 (2006.01)**  
(87) **EP Publ.nr:** EP3170091  
(86) **EP søkn.nr:** 15822312.3  
(86) **EP innl.dag:** 2015.07.16  
(87) **EP publ.dag:** 2017.05.24  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2014.07.17, CN, 201410342598  
(86) **Int.inndag :** 2015.07.16  
(86) **Int.søknadsnr :** PCT/US2015/040726  
(73) **Innehaver:**  
Alibaba Group Holding Limited, Fourth Floor, One Capital Place P.O. Box 847Grand Cayman, KY-Cayman-øyene  
(72) **Oppfinner:**  
LU, Kun, 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:**  
METHOD AND SERVER OF REMOTE INFORMATION QUERY

(51) **Klasse :** **G06F 16/21 (2019.01)**  
(87) **EP Publ.nr:** EP2713288  
(86) **EP søkn.nr:** 13158973.1  
(86) **EP innl.dag:** 2013.03.13  
(87) **EP publ.dag:** 2014.04.02  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2012.09.26, IN, 2811MU2012  
(73) **Innehaver:**  
Tata Consultancy Services Limited, Nirmal Building 9th Floor Nariman Point Mumbai 400 021Maharashtra, IN-India  
(72) **Oppfinner:**  
Pejathaya, Karandas, Tata Consultancy ServicesQuadra II, Survey No. 238/239Opposite Magarpatta CityHadapsar411028 Pune, IN-India  
Talluri, Gopinath, Tata Consultancy ServicesQuadra II, Survey No. 238/239Opposite Magarpatta CityHadapsar411028 Pune, IN-India  
Bhide, Anand Shankar, Tata Consultancy ServicesQuadra II, Survey No. 238/239Opposite Magarpatta CityHadapsar411028 Pune, IN-India  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
(54) **Benevnelse:**  
Foreign key identification in database management systems

(51) **Klasse :** **G06F 21/32 (2013.01)**  
**G06F 21/30 (2013.01)**  
**G06F 21/35 (2013.01)**  
**G06F 21/45 (2013.01)**  
**G06K 9/00 (2006.01)**  
(87) **EP Publ.nr:** EP3540621  
(86) **EP søkn.nr:** 19172346.9  
(86) **EP innl.dag:** 2015.08.27  
(87) **EP publ.dag:** 2019.09.18  
(80) **EP meddelt :** 2020.07.29  
(30) **Prioritet:** 2014.09.03, CN, 201410446657  
(73) **Innehaver:**  
ALIBABA GROUP HOLDING LIMITED, Fourth Floor, One Capital Place P.O. Box 847George Town, Grand Cayman, KY-Cayman-øyene  
(72) **Oppfinner:**  
Du, Zhijun, Alibaba Group Legal Department West Tower, World Finance Center1 Dongsanhuan RoadChaoyang District Beijing 100000, CN-Kina  
(74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark  
(54) **Benevnelse:**  
IDENTITY AUTHENTICATION METHOD AND APPARATUS, TERMINAL AND SERVER

(51) **Klasse :** **G06T 7/00 (2017.01)**  
(87) **EP Publ.nr:** EP3488414  
(86) **EP søkn.nr:** 17757879.6  
(86) **EP innl.dag:** 2017.07.19  
(87) **EP publ.dag:** 2019.05.29  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2016.07.19, NZ, 16722316  
2016.10.13, NZ, 16725196  
2016.10.18, NZ, 16725385  
(86) **Int.inndag :** 2017.07.19  
(86) **Int.søknadsnr :** PCT/IB2017/054382  
(73) **Innehaver:**  
Volpara Health Technologies Limited, Level 14 40 Mercer StreetWellington 6011, NZ-New Zealand  
(72) **Oppfinner:**  
HILL, Melissa, c/o Miller Dean LimitedLevel 5, 203-209 Wills StreetWellington, NZ-New Zealand  
HIGHNAM, Ralph, 43B Austin StMount VictoriaWellington 6011, NZ-New Zealand  
MARSHALL, Julian, 821 Riverside DriveLos AltosCA 94024, US-USA  
MURRAY, Dave, 14 Orakei PlaceWelcom BayTauranga 3112, NZ-New Zealand  
JOHNSTON, Lisa, Renee, 9 Mitchell StreetBrooklynWellington 6021, NZ-New Zealand  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
SYSTEM AND APPARATUS FOR CLINICAL DECISION OPTIMISATION



(51) **Klasse :** *G06T 7/73 (2017.01)*  
 (87) **EP Publ.nr:** EP3449465  
 (86) **EP søkn.nr:** 17720738.8  
 (86) **EP innl.dag:** 2017.04.24  
 (87) **EP publ.dag:** 2019.03.06  
 (80) **EP meddelt :** 2020.05.13  
 (30) **Prioritet:** 2016.04.26, US, 201615139182  
 (86) **Int.inndag :** 2017.04.24  
 (86) **Int.søknadsnr :** PCT/EP2017/059648  
 (73) **Innehaver:**  
 Optos Plc, Queensferry House Carnegie Campus  
 Enterprise WayDunfermline, Scotland, KY11 8GR, GB-  
 Storbritannia  
 (72) **Oppfinner:**  
 FLEMING, Alan Duncan, 14 Oxgangs  
 HillEdinburghScotland EH13 9JR, GB-Storbritannia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 RETINAL IMAGE PROCESSING

(51) **Klasse :** *G08G 1/017 (2006.01)*  
*B60R 25/00 (2013.01)*  
*G07C 5/00 (2006.01)*  
 (87) **EP Publ.nr:** EP2713353  
 (86) **EP søkn.nr:** 13186090.0  
 (86) **EP innl.dag:** 2013.09.26  
 (87) **EP publ.dag:** 2014.04.02  
 (80) **EP meddelt :** 2020.05.20  
 (30) **Prioritet:** 2012.09.28, IT, BO20120534  
 (73) **Innehaver:**  
 I.CAR S.r.l., Via Tevere, 1840069 Zola Predosa BO, IT-  
 Italia  
 (72) **Oppfinner:**  
 Muriana, Roberto, Via Frassinago, 440123 Bologna, IT-  
 Italia  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 System and method for identifying a vehicle

(51) **Klasse :** *G09C 1/00 (2006.01)*  
*H04L 9/32 (2006.01)*  
 (87) **EP Publ.nr:** EP3340213  
 (86) **EP søkn.nr:** 16205928.1  
 (86) **EP innl.dag:** 2016.12.21  
 (87) **EP publ.dag:** 2018.06.27  
 (80) **EP meddelt :** 2020.03.11  
 (73) **Innehaver:**  
 Merck Patent GmbH, Frankfurter Strasse 25064293  
 Darmstadt, DE-Tyskland  
 (72) **Oppfinner:**  
 Endress, Thomas, Hesseloherstrasse 1580802 München,  
 DE-Tyskland  
 Szabo, Daniel, Friedrich Ebert Platz 1664289 Darmstadt,  
 DE-Tyskland  
 Wahl, Fabian, Grosse Grof 89470 Buchs, CH-Sveits  
 (74) **Fullmektig:**  
 Budde Schou A/S, Dronningens Tværgade 30, 1302  
 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 PUF BASED COMPOSITE SECURITY MARKING FOR  
 ANTI-COUNTERFEITING

(51) **Klasse :** *H01F 27/32 (2006.01)*  
 (87) **EP Publ.nr:** EP3007190  
 (86) **EP søkn.nr:** 14003469.5  
 (86) **EP innl.dag:** 2014.10.09  
 (87) **EP publ.dag:** 2016.04.13  
 (80) **EP meddelt :** 2020.05.20  
 (73) **Innehaver:**  
 ABB Power Grids Switzerland AG, Bruggerstrasse 725400  
 Baden, CH-Sveits  
 (72) **Oppfinner:**  
 Weber, Benjamin, Ennertstrasse 1659955 Winterberg, DE-  
 Tyskland  
 Tepper, Jens, Springstrasse 2259929 Brilon, DE-Tyskland  
 Zillmann, Karl-Heinz, An der Diemel 434431 Marsberg, DE-  
 Tyskland  
 Soetebier, Sven, Eichholzstrasse 1059929 Brilon, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge  
 (54) **Benevnelse:**  
 Pre-product for a dry transformer high voltage coil

(51) **Klasse :** *H01M 8/18 (2006.01)*  
 (87) **EP Publ.nr:** EP3482440  
 (86) **EP søkn.nr:** 17740699.8  
 (86) **EP innl.dag:** 2017.07.07  
 (87) **EP publ.dag:** 2019.05.15  
 (80) **EP meddelt :** 2020.05.13  
 (30) **Prioritet:** 2016.07.07, DE, 102016212390  
 (86) **Int.inndag :** 2017.07.07  
 (86) **Int.søknadsnr :** PCT/EP2017/067123  
 (73) **Innehaver:**  
 Innogy SE, Opernplatz 145128 Essen, DE-Tyskland  
 Innogy Gas Storage NWE GmbH, Hollestraße 7A45127  
 Essen, DE-Tyskland  
 (72) **Oppfinner:**  
 NEUHAUS, Guido, Weselerstraße 41c48249 Dülmen, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge  
 (54) **Benevnelse:**  
 CAVERN BATTERY STORAGE DEVICE



- (51) **Klasse :** *H01R 13/52 (2006.01)*  
*H01R 13/44 (2006.01)*  
*H01R 13/639 (2006.01)*  
*H01R 13/447 (2006.01)*  
*H01R 13/652 (2006.01)*  
*H01R 13/66 (2006.01)*  
*H01R 13/74 (2006.01)*  
*H01R 24/30 (2011.01)*  
*H01R 24/78 (2011.01)*  
*H01R 103/00 (2006.01)*
- (87) **EP Publ.nr:** EP2218147  
(86) **EP søkn.nr:** 09807569.0  
(86) **EP innl.dag:** 2009.05.01  
(87) **EP publ.dag:** 2010.08.18  
(80) **EP meddelt :** 2020.04.15  
(30) **Prioritet:** 2008.11.14, US, 271560  
(86) **Int.inndag :** 2009.05.01  
(86) **Int.søknadsnr :** PCT/US2009/042518  
(73) **Innehaver:**  
Smith, Kenneth, 3900 15th Place WestSeattle, WA 98119, US-USA  
(72) **Oppfinner:**  
Smith, Kenneth, 3900 15th Place WestSeattle, WA 98119, US-USA  
(74) **Fullmektig:**  
Kenneth Smith, 3900 15th Place West, WA98119 SEATTLE, USA  
(54) **Benevnelse:**  
WEATHERPROOF CONNECTOR

- (51) **Klasse :** *H02G 15/103 (2006.01)*  
*G01D 5/26 (2006.01)*  
*G01D 5/353 (2006.01)*  
*G01R 31/12 (2020.01)*  
*G01R 31/14 (2006.01)*
- (87) **EP Publ.nr:** EP2472689  
(86) **EP søkn.nr:** 11192360.3  
(86) **EP innl.dag:** 2011.12.07  
(87) **EP publ.dag:** 2012.07.04  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2010.12.28, DE, 102010061606  
(73) **Innehaver:**  
BAM Bundesanstalt für Materialforschung und -prüfung, Unter den Eichen 8712205 Berlin, DE-Tyskland  
IPH Institut "Prüffeld für elektrische Hochleistungstechnik" GmbH, Landsberger Allee 378 A12681 Berlin, DE-Tyskland  
(72) **Oppfinner:**  
Habel, Wolfgang, Kattowitz Str. 413125 Berlin, DE-Tyskland  
Heidmann, Gerd, Mellenseestr. 1610319 Berlin, DE-Tyskland  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
(54) **Benevnelse:**  
Høyspenningsarmatur og fremgangsmåte til detektering av delutladninger i høyspenningsarmaturer

- (51) **Klasse :** *H02J 50/05 (2016.01)*  
*B08B 17/02 (2006.01)*  
*B63B 59/04 (2006.01)*  
*C23F 13/02 (2006.01)*
- (87) **EP Publ.nr:** EP3560066  
(86) **EP søkn.nr:** 17817732.5  
(86) **EP innl.dag:** 2017.12.14  
(87) **EP publ.dag:** 2019.10.30  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2016.12.20, EP, 16205220  
(86) **Int.inndag :** 2017.12.14  
(86) **Int.søknadsnr :** PCT/EP2017/082738  
(73) **Innehaver:**  
Koninklijke Philips N.V., High Tech Campus 525656 AG Eindhoven, NL-Nederland  
(72) **Oppfinner:**  
DELDEN, Marc, High Tech Campus 55656 AE Eindhoven, NL-Nederland  
JONGERIUS, Michiel, Johannes, High Tech Campus 55656 AE Eindhoven, NL-Nederland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
LOAD ARRANGEMENT FOR POWERING A LOAD

- (51) **Klasse :** *H02M 1/12 (2006.01)*  
*H02M 7/483 (2007.01)*
- (87) **EP Publ.nr:** EP2928056  
(86) **EP søkn.nr:** 14162800.8  
(86) **EP innl.dag:** 2014.03.31  
(87) **EP publ.dag:** 2015.10.07  
(80) **EP meddelt :** 2020.03.25  
(73) **Innehaver:**  
Siemens Aktiengesellschaft, Werner-von-Siemens-Straße 180333 München, DE-Tyskland  
(72) **Oppfinner:**  
Friedrich, Christian, Krämerstrasse 3466839 Schmelz / Hüttersdorf, DE-Tyskland  
(74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300 KØBENHAVN S, Danmark  
(54) **Benevnelse:**  
Method and apparatus for operating a modular power converter with adjustable slew rates of the switching operations in the sub-modules

- (51) **Klasse :** *H04B 3/32 (2006.01)*  
*H04B 3/487 (2015.01)*  
*H04M 3/34 (2006.01)*  
*H04M 11/06 (2006.01)*
- (87) **EP Publ.nr:** EP3062448  
(86) **EP søkn.nr:** 16154266.7  
(86) **EP innl.dag:** 2016.02.04  
(87) **EP publ.dag:** 2016.08.31  
(80) **EP meddelt :** 2020.03.25  
(30) **Prioritet:** 2015.02.24, US, 201514629506  
(73) **Innehaver:**  
Lantiq Beteiligungs-GmbH & Co. KG, Lilienthalstraße 1585579 Neubiberg, DE-Tyskland  
(72) **Oppfinner:**  
KASSEL, Pidder, Am Bachfeld 15a82041 Oberhaching, DE-Tyskland  
ZUKUNFT, Roland, Hohenbrunnerstr. 3781825 Munich, DE-Tyskland  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
(54) **Benevnelse:**  
CROSSTALK MITIGATION

- (51) **Klasse :** *H04B 7/06 (2006.01)*  
*H01Q 3/26 (2006.01)*  
*H04B 7/185 (2006.01)*  
*H04B 17/12 (2015.01)*
- (87) **EP Publ.nr:** EP3471288  
(86) **EP søkn.nr:** 18198930.2  
(86) **EP innl.dag:** 2018.10.05  
(87) **EP publ.dag:** 2019.04.17  
(80) **EP meddelt :** 2020.03.18  
(30) **Prioritet:** 2017.10.16, FR, 1701074  
(73) **Innehaver:**  
Thales, TOUR CARPE DIEM Place des Corolles  
Esplanade Nord92400 Courbevoie, FR-Frankrike  
Centre National d'Etudes Spatiales, 2 Place Maurice  
Quentin75001 Paris, FR-Frankrike
- (72) **Oppfinner:**  
CALMETTES, Thibaud, Boîte Postale 33787c/o THALES  
ALENIA SPACE26, avenue Jean-François  
Champollion31100 TOULOUSE, FR-Frankrike  
VAUTHERIN, Benoît, c/o THALES ALENIA SPACE26,  
avenue Jean-François Champollion31100 TOULOUSE,  
FR-Frankrike  
GREGOIRE, Yoan, c/o CENTRE NATIONAL D'ETUDES  
SPATIALES18 avenue Edouard Belin31401 TOULOUSE  
Cedex 9, FR-Frankrike  
ILIOPOULOS, Christelle, c/o CENTRE NATIONAL  
D'ETUDES SPATIALES18 avenue Edouard Belin31401  
TOULOUSE Cedex 9, FR-Frankrike
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR DETERMINING A PHASE BIAS IN THE  
SIGNAL TRANSMITTED BY AT LEAST ONE RADIATING  
ELEMENT (RE) OF AN ACTIVE ANTENNA (ANT) AND  
ASSOCIATED DEVICE

- (51) **Klasse :** *H04L 1/16 (2006.01)*
- (87) **EP Publ.nr:** EP2634948  
(86) **EP søkn.nr:** 13168635.4  
(86) **EP innl.dag:** 2008.10.07  
(87) **EP publ.dag:** 2013.09.04  
(80) **EP meddelt :** 2020.04.22  
(30) **Prioritet:** 2008.01.08, US, 19746 P  
(73) **Innehaver:**  
Unwired Planet International Limited, 70, Sir John  
Rogerson's QuayDublin 2, IE-Irland
- (72) **Oppfinner:**  
Peisa, Janne, Koivunlehvakuja 3FI-02130 Espoo, FI-  
Finland  
Meyer, Michael, Grossheidstrasse 2752080 Aachen, DE-  
Tyskland  
Torsner, Johan, Skogstorp svagen 2 C9FI-02430 Masaby,  
FI-Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Method and arrangement in a wireless communication  
network

- (51) **Klasse :** *H04L 29/06 (2006.01)*  
*H04W 12/06 (2009.01)*  
*H04W 48/20 (2009.01)*  
*H04W 84/12 (2009.01)*  
*H04W 48/18 (2009.01)*  
*H04W 76/10 (2018.01)*
- (87) **EP Publ.nr:** EP3313042  
(86) **EP søkn.nr:** 17195127.0  
(86) **EP innl.dag:** 2017.10.06  
(87) **EP publ.dag:** 2018.04.25  
(80) **EP meddelt :** 2020.04.29  
(30) **Prioritet:** 2016.10.18, SE, 1651364  
(73) **Innehaver:**  
Telia Company AB, 169 94 Solna, SE-Sverige
- (72) **Oppfinner:**  
Huber, Michael, Ropgränd 71187 42 Täby, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHODS AND APPARATUS FOR CONDITIONAL  
WIFI ROAMING

- (51) **Klasse :** *H04W 4/021 (2018.01)*  
*H04L 29/06 (2006.01)*  
*H04W 12/06 (2009.01)*  
*H04W 12/08 (2009.01)*
- (87) **EP Publ.nr:** EP3258640  
(86) **EP søkn.nr:** 17176235.4  
(86) **EP innl.dag:** 2017.06.15  
(87) **EP publ.dag:** 2017.12.20  
(80) **EP meddelt :** 2020.06.03  
(30) **Prioritet:** 2016.06.15, GB, 201610421  
(73) **Innehaver:**  
Nagravision S.A., 22-24, route de Genève1033 Cheseaux-  
sur-Lausanne, CH-Sveits
- (72) **Oppfinner:**  
KAROUI, Sami, c/o Nagravision SA22-24 Route de  
Geneve1033 Cheseaux-sur-Lausanne, CH-Sveits  
SCHAER, Olivier, c/o Nagravision SA22-24 Route de  
Geneve1033 Cheseaux-sur-Lausanne, CH-Sveits  
SCHLAEPP, Florent, c/o Nagravision SA22-24 Route de  
Geneve1033 Cheseaux-sur-Lausanne, CH-Sveits
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
LOCATION BASED AUTHENTICATION

- (51) **Klasse :** *H04W 12/12 (2009.01)*  
*H04L 29/06 (2006.01)*  
*H04Q 3/00 (2006.01)*
- (87) **EP Publ.nr:** EP3029973  
(86) **EP søkn.nr:** 15196421.0  
(86) **EP innl.dag:** 2015.12.01  
(87) **EP publ.dag:** 2016.06.08  
(80) **EP meddelt :** 2020.05.06  
(30) **Prioritet:** 2014.12.02, DE, 102014117713  
(73) **Innehaver:**  
GSMK Gesellschaft für sichere Mobile Kommunikation  
mbH, Marienstrasse 1110117 Berlin, DE-Tyskland
- (72) **Oppfinner:**  
Engel, Tobias, Scharnweberstr. 4810247 Berlin, DE-  
Tyskland  
Freyther, Holger, Schivelbeiner Str. 5,10439 Berlin, DE-  
Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND A DEVICE FOR SECURING A  
SIGNALLING SYSTEM 7-INTERFACE

- (51) **Klasse :** *H04W 40/24 (2009.01)*  
*H04L 12/28 (2006.01)*  
*H04W 84/18 (2009.01)*  
*H05B 37/02 (2006.01)*
- (87) **EP Publ.nr:** EP3536039
- (86) **EP søkn.nr:** 17788248.7
- (86) **EP innl.dag:** 2017.10.26
- (87) **EP publ.dag:** 2019.09.11
- (80) **EP meddelt :** 2020.04.15
- (30) **Prioritet:** 2016.11.02, EP, 16196891
- (86) **Int.inndag :** 2017.10.26
- (86) **Int.søknadsnr :** PCT/EP2017/077392
- (73) **Innehaver:**  
Signify Holding B.V., High Tech Campus 485656 AE  
Eindhoven, NL-Nederland
- (72) **Oppfinner:**  
ALIAKSEYEU, Dzmitry, Viktorovich, c/o High Tech Campus  
455656 AE Eindhoven, NL-Nederland  
MASON, Jonathan, David, c/o High Tech Campus 455656  
AE Eindhoven, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LIGHTING TROUBLESHOOTING
-

**Endrede europeiske patenter (b2) med virkning i Norge**

(51) **Klasse :** **A01F 15/07 (2006.01)**  
(87) **EP Publ.nr.:** EP2348809  
(86) **EP søkn.nr.:** 09748355.6  
(86) **EP innl.dag:** 2009.11.10  
(87) **EP publ.dag:** 2011.08.03  
(80) **EP meddelt :** 2013.01.02  
(30) **Prioritet:** 2008.11.26, IE, 20080942  
(86) **Int.inndag :** 2009.11.10  
(86) **Int.søknadsnr :** PCT/EP2009/064933  
(73) **Innehaver:**  
Idough Investment Company, BagenalstownCo. Carlow, IE-Irland  
(72) **Oppfinner:**  
HOURIHANE, Con, 30 Royal Oak RoadBagenalstownCo. Carlow, IE-Irland  
(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge  
(54) **Benevnelse:**  
Ballepakkemaskin

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(51) **Klasse :** **A47J 31/54 (2006.01)**  
(87) **EP Publ.nr.:** EP2975981  
(86) **EP søkn.nr.:** 14716009.7  
(86) **EP innl.dag:** 2014.03.03  
(87) **EP publ.dag:** 2016.01.27  
(80) **EP meddelt :** 2017.05.03  
(30) **Prioritet:** 2013.03.21, IT, BS20130037  
(86) **Int.inndag :** 2014.03.03  
(86) **Int.søknadsnr :** PCT/IB2014/059395  
(73) **Innehaver:**  
Modbar, LLC, 628 Leesburg Rd.Fort Wayne, IN 46808, US-USA  
(72) **Oppfinner:**  
BESCHI, Alessandro, c/o BSH ITALIA S.r.l.Via Europa 104/A25062 Concesio (BS), IT-Italia  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
COFFEE MACHINE

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(51) **Klasse :** **A61K 38/44 (2006.01)**  
**A61P 25/18 (2006.01)**  
(87) **EP Publ.nr.:** EP2844277  
(86) **EP søkn.nr.:** 13726296.0  
(86) **EP innl.dag:** 2013.04.18  
(87) **EP publ.dag:** 2015.03.11  
(80) **EP meddelt :** 2017.02.01  
(30) **Prioritet:** 2012.04.18, ES, 201230578  
(86) **Int.inndag :** 2013.04.18  
(86) **Int.søknadsnr :** PCT/IB2013/053068  
(73) **Innehaver:**  
Dr Healthcare España, S. L., Escoles Pies 49 pral.08017 Barcelona, ES-Spania  
(72) **Oppfinner:**  
DUELO RIU, Carlos, Escoles Pies 49 pral.E-08017 Barcelona, ES-Spania  
DUELO RIU, Juan José, Escoles Pies 49 pral.E-08017 Barcelona, ES-Spania  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(54) **Benevnelse:**  
DIAMINE OXIDASE FOR USE IN THE TREATMENT OR PREVENTION OF ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)

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## Innsigelser mot patent

Kunngjøring etter patentloven § 24, 5 ledd og patent bestemmelsene § 20-6, om innsigelser.

- (11) **Patentnr:** 344192  
(21) **Søknadsnr:** 20181490  
(45) **Meddelt:** 2019.10.07  
(73) **Innehaver:**  
Ardyne Holdings Limited, 1 St Swithin Row, AB106DL  
ABERDEEN, ABERDEENSHIRE, Storbritannia  
(74) **Fullmektig:**  
PROTECTOR IP AS , Pilestredet 33, 0166, OSLO, NO  
**Innsiger:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Innsigers fullmektig:**  
BRYN AARFLOT AS Stortingsgata 8  
**Innsigelsesdato:** 2020.07.06
-

## Patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse

Begjæringen om at patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse er innvilget i følgende patentsaker.

- (87) **EP Publ.nr.:** EP3451858  
(51) **Klasse:** **A23L 29/262 (2016.01)**  
**A23L 13/50 (2016.01)**  
**A23L 13/60 (2016.01)**
- (73) **Innehaver:**  
DDP Specialty Electronic Material US, Inc. , 974 Centre  
Road, DE19808, WILMINGTON, US
- (74) **Fullmektig:**  
ZACCO NORWAY AS , Postboks 2003 Vika, 0125, OSLO,  
NO
- (72) **Oppfinner:**  
HUEBNER-KEESE, Britta, August-Wolff-Str.13, 29699  
Bomlitz, DE  
KNARR, Matthias, August-Wolff-Strasse 13, 29699 Bomlitz,  
DE
- (54) **Benevnelse:**  
FOOD PRODUCTS COMPRISING METHYLCELLULOSE
- 

- (87) **EP Publ.nr.:** EP2493631  
(51) **Klasse:** **B07B 1/46 (2006.01)**
- (73) **Innehaver:**  
Optipro As, Tinggata 3, 6783 Stryn, NO
- (74) **Fullmektig:**  
ACAPO AS , Postboks 1880 Nordnes, 5817, BERGEN, NO
- (72) **Oppfinner:**  
DAHL, Bjørn, Opheim, N-6789 Loen, NO
- (54) **Benevnelse:**  
AN IMPROVED SHAKER SCREEN FILTER FOR A  
DRILLING FLUID SHAKER
- 

- (87) **EP Publ.nr.:** EP2573515  
(51) **Klasse:** **G01C 19/56 (2012.01)**  
**G01C 25/00 (2006.01)**
- (73) **Innehaver:**  
Safran Electronics & Defense, 18/20 Quai du Point du Jour,  
92100 Boulogne-Billancourt, FR
- (74) **Fullmektig:**  
BRYN AARFLOT AS , Stortingsgata 8, 0161, OSLO, NO
- (72) **Oppfinner:**  
Rosellini, Lionel, c/o SAGEM DEFENSE SECURITE27 rue  
Leblanc, 75015 PARIS, FR  
Bresson, Mathieu, c/o SAGEM DEFENSE SECURITE27  
rue Leblanc, 75015 PARIS, FR
- (54) **Benevnelse:**  
VIBRATING GYROSCOPE CALIBRATION
- 

- (21) **Søknadsnr:** 20150852  
(51) **Klasse:** **B07B 1/46 (2006.01)**  
**B01D 33/03 (2006.01)**  
**B01D 27/14 (2006.01)**  
**B07B 1/49 (2006.01)**  
**E21B 21/06 (2006.01)**
- (71) **Søker:**  
OPTIPRO AS , Tinggata 3, 6783, STRYN, NO
- (74) **Fullmektig:**  
ACAPO AS , Postboks 1880 Nordnes, 5817, BERGEN, NO
- (72) **Oppfinner:**  
Bjørn Dahl, Opheim, 6789, LOEN, NO
- (54) **Benevnelse:**  
Forbedret siktemaskinfilter for en brønnvæske-siktemaskin
-



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

(21) **Søknadsnr:** 20070710

(21) **Søknadsnr:** 20151592

(21) **Søknadsnr:** 20180371

## Utløpte patenter

For følgende patenter er patenttiden utløpt.

(11) Patentnr: 321221

(11) Patentnr: 323352

(11) Patentnr: 326147

(11) Patentnr: 331228

(11) Patentnr: 331306

(11) Patentnr: 331834

(11) Patentnr: 331905

(11) Patentnr: 329021

(11) Patentnr: 329614

(11) Patentnr: 320743

(11) Patentnr: 329827

(11) Patentnr: 330048

(11) Patentnr: 329592

(11) Patentnr: 321254

(11) Patentnr: 317980

(11) Patentnr: 320273

(11) Patentnr: 313494

(11) Patentnr: 323220

(11) Patentnr: 322536

(11) Patentnr: 321633

(11) Patentnr: 312359

(11) Patentnr: 329678

(11) Patentnr: 325458

(11) Patentnr: 322562

(11) Patentnr: 318467

(11) Patentnr: 329484

(11) Patentnr: 326177

(11) Patentnr: 329490

(11) Patentnr: 331786

(11) Patentnr: 331199

(11) Patentnr: 333998

(11) Patentnr: 333072

(11) Patentnr: 313561

(11) Patentnr: 317587

(11) Patentnr: 329644

(11) Patentnr: 332494

(11) Patentnr: 332087

(11) Patentnr: 330932

(11) Patentnr: 326460

(11) Patentnr: 323127

(11) Patentnr: 312693

(11) Patentnr: 329167

(11) Patentnr: 328227

(11) Patentnr: 335934

(11) Patentnr: 335409

(11) Patentnr: 339690

(11) Patentnr: 326146

(11) Patentnr: 325044

(11) Patentnr: 329696

(11) Patentnr: 331523

(11) Patentnr: 332572

(11) Patentnr: 311279

(11) Patentnr: 325295

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

Kunngjøring etter patentforskriften § 80 (nye søknader).

(21)	<b>Søknadsnr:</b>	<b>2020021</b>
(22)	<b>Inng.dag:</b>	2020.08.04
(22)	<b>Inng.dag basispatent:</b>	2009.06.25
(11)	<b>Basispatent nr:</b>	<b>NO/EP2307454</b>
(24)	<b>Løpedag:</b>	2009.06.25
(73)	<b>Innehaver:</b>	Novartis AG
(74)	<b>Fullmektig:</b>	ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
(95)	<b>Produkt:</b>	Brolucizumab
(92)	<b>NO markedsførings- tillatelse nr:</b>	EU/1/19/1417
(92)	<b>Dato for samme:</b>	2020.02.18
(93)	<b>Første markedsføringstillatelse innen EØS-området:</b>	EU/1/19/1417
(93)	<b>Dato for samme:</b>	2020.02.17
(54)	<b>Benevnelse:</b>	STABLE AND SOLUBLE ANTIBODIES INHIBITING VEGF

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## Meddelte supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 85 (meddelte sertifikater).

(21)	<b>Søknadsnr:</b>	<b>2019018</b>
(22)	<b>Inng.dag:</b>	2019.04.24
(22)	<b>Inng.dag basispatent:</b>	2011.03.28
(11)	<b>Basispatent nr:</b>	<b>NO/EP2924034</b>
(24)	<b>Løpedag:</b>	2011.03.28
(73)	<b>Innehaver:</b>	Merck Canada Inc.
(74)	<b>Fullmektig:</b>	TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
(95)	<b>Produkt:</b>	doravirin eller et farmasøytisk akseptabelt salt derav i kombinasjon med lamivudin og i kombinasjon med tenofovirdisoproksil fumarat
(94)	<b>Gyldig t.om:</b>	2033.11.26
(92)	<b>NO markedsførings- tillatelse nr:</b>	EU/1/18/1333/001-2
(92)	<b>Dato for samme:</b>	2018.12.13
(93)	<b>Første markedsføringstillatelse innen EØS-området:</b>	EU/1/18/1333/001-2
(93)	<b>Dato for samme:</b>	2018.11.26
(54)	<b>Benevnelse:</b>	PHARMACEUTICAL COMPOSITION COMPRISING A NON- NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR

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