

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

**BESØKSADRESSE**

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0422 Oslo

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## Innholdsfortegnelse og inid-koder:

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### INID-koder

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

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

(51)	Klasse
(11)	Patentnr
(21)	Søknadsnr
(22)	Inndag
(41)	Allm.tilgj
(30)	Prioritet
(86)	Int.søknadsnr
(62)	Avdelt/Utskilt
(24)	Løpedag
(45)	Meddelt
(71)	Søker
(73)	Innehaver
(72)	Oppfinner
(74)	Fullmektig
(54)	Benevnelse

## Allment tilgjengelige patentsøknader (a)

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

(51) **Klasse:** *A01K 61/60 (2017.01)*  
 (21) **Søknadsnr:** 20200755  
 (22) **Inndag:** 2020.06.26  
 (41) **Allm.tilgj:** 2021.12.27  
 (24) **Løpedag:** 2020.06.26  
 (71) **Søker:**  
 AKER SOLUTIONS AS, Postboks 94, 1325 LYSAKER  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (72) **Oppfinner:**  
 Per Kristian Bruun, Sandefjordgata 3E, 0464 OSLO  
 Svein Erdsdal, Larsbråtveien 253, 0674 OSLO  
 Kristoffer Kjellså Jakobsen, Gaustadveien 127, 0372 OSLO  
 Andreas Jo Falk Fredborg, Øvre Høn Terrasse 18A, 1384 ASKER  
 Henrik Hannus, Bauneveien 7, 1363 HØVIK  
 (54) **Benevnelse:**  
 FISH FARMING SYSTEM

(51) **Klasse:** *A61H 31/00 (2006.01)*  
 (21) **Søknadsnr:** 20201412  
 (22) **Inndag:** 2020.12.21  
 (41) **Allm.tilgj:** 2022.01.10  
 (24) **Løpedag:** 2020.12.21  
 (71) **Søker:**  
 NUI AS, Gravdalsveien 245, 5165 LAKSEVÅG  
 (72) **Oppfinner:**  
 KIM LØSETH, BJØRGELIEN 5 A, 5141 FYLLINGSDALEN  
 ROLF OTTO RØSSLAND, HELGEPLASSET 78, 5148 FYLLINGSDALEN  
 Victoria Chan, Straumåsen 156, 5151 STRAUMSGREND  
 Fredrik Bærheim, Dolvikhaugene 82, 5252 SØREIDGREND  
 (54) **Benevnelse:**  
 Kompakt brystkompresjonsmaskin og bruken av denne

(51) **Klasse:** *A61K 39/395 (2006.01)*  
*C12N 9/64 (2006.01)*  
 (21) **Søknadsnr:** 20210848  
 (22) **Inndag:** 2021.06.30  
 (41) **Allm.tilgj:** 2006.01.04  
 (30) **Prioritet:** 2003.05.06, US, 60/469,600  
 2003.07.17, US, 60/487,964  
 (62) **Utskilt fra:** 20180506, med inndato 2018.04.13  
 (62) **Avdelt fra:** 20180506, med inndato 2018.04.13  
 (86) **Int.inndag:** 2004.05.06  
 (86) **Int.søknadsnr:** PCT/US2004/014064  
 (24) **Løpedag:** 2004.05.06  
 (68) **Basispatent:** 20180506, med inndato 2018.04.13  
 (71) **Søker:**  
 Bioverativ Therapeutics Inc., 225 Second Avenue, MA02451 WALTHAM, USA (US)  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (72) **Oppfinner:**  
 Robert T Peters, 51 New Field Street, MA02132 WEST ROXBURY, USA (US)  
 Adam R Mezo, 15 Montclair Avenue, MA02451 WALTHAM, USA (US)  
 Daniel S Rivera, 31 Barque Hill Drive, MA02061 NORWELL, USA (US)  
 James M Stattel, 20 Sargent Avenue, MA01453 LOEMINSTER, USA (US)  
 Susan C Low, 86 Brookline Street, MA01463 PEPPERELL, USA (US)  
 Alan J Bitonti, 32 Charlton Drive, MA01720 ACTON, USA (US)  
 (54) **Benevnelse:**  
 Immunoglobulin kimeriske monomere-dimere hybrider

(51) **Klasse:** *B63B 22/02 (2006.01)*  
*B63B 21/50 (2006.01)*  
 (21) **Søknadsnr:** 20200731  
 (22) **Inndag:** 2020.06.22  
 (41) **Allm.tilgj:** 2021.12.23  
 (24) **Løpedag:** 2020.06.22  
 (71) **Søker:**  
 Cefront Technology AS, Kittelsbuktveien 5, 4836 ARENDAL  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (72) **Oppfinner:**  
 Kåre Syvertsen, Dønnestadveien 37, 4658 TVEIT  
 Ragnar Thunes, Tante Poses vei 8, 4818 FÆRVIK  
 Jan Aarsnes, Ytre Årsnes 41, 4770 HØVÅG  
 Henrik Syvertsen, Kirkegata 50, 4612 KRISTIANSAND S  
 (54) **Benevnelse:**  
 Disconnectable spread mooring system

- (51) **Klasse:** *B63B 27/14 (2006.01)*  
*B63H 21/17 (2006.01)*  
*H02J 7/00 (2006.01)*
- (21) **Søknadsnr:** 20200585  
(22) **Inndag:** 2020.05.20  
(41) **Allm.tilgj:** 2021.11.22  
(24) **Løpedag:** 2020.05.20  
(71) **Søker:**  
ZEM AS, Postboks 307, 1323 HØVIK  
SEBASTIAN WANG-HANSEN, GAMLE NØSTEGATEN  
11, 5010 BERGEN
- (72) **Oppfinner:**  
SEBASTIAN WANG-HANSEN, GAMLE NØSTEGATEN  
11, 5010 BERGEN
- (54) **Benevnelse:**  
Lem/landgang- mekanisme for induksjonslading av maritime fartøy

- (51) **Klasse:** *B63H 21/17 (2006.01)*  
*H02J 7/00 (2006.01)*
- (21) **Søknadsnr:** 20200565  
(22) **Inndag:** 2020.05.18  
(41) **Allm.tilgj:** 2021.11.19  
(24) **Løpedag:** 2020.05.18  
(71) **Søker:**  
ZEM AS, Postboks 307, 1323 HØVIK  
SEBASTIAN WANG-HANSEN, GAMLE NØSTEGATEN  
11, 5010 BERGEN
- (72) **Oppfinner:**  
SEBASTIAN WANG-HANSEN, GAMLE NØSTEGATEN  
11, 5010 BERGEN
- (54) **Benevnelse:**  
Tilkoblingsmekanisme for induksjonslading av maritime fartøy

- (51) **Klasse:** *B65G 1/04 (2006.01)*  
*F24F 7/00 (2021.01)*  
*B65G 59/02 (2006.01)*
- (21) **Søknadsnr:** 20200756  
(22) **Inndag:** 2020.06.26  
(41) **Allm.tilgj:** 2021.12.27  
(24) **Løpedag:** 2020.06.26  
(71) **Søker:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578  
NEDRE VATS
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge
- (72) **Oppfinner:**  
Ole Alexander Mæhle, Skiljebakken 4, 5590 ETNE
- (54) **Benevnelse:**  
AUTOMATED STORAGE AND RETRIEVAL SYSTEM  
AND METHOD FOR STORING FRESH FOOD AND  
PRODUCE

- (51) **Klasse:** *C02F 1/44 (2006.01)*  
*B01D 61/02 (2006.01)*  
*B01D 61/12 (2006.01)*
- (21) **Søknadsnr:** 20211329  
(22) **Inndag:** 2021.11.04  
(41) **Allm.tilgj:** 2021.11.04  
(30) **Prioritet:** 2019.05.07, IN, 201911018156  
(86) **Int.inndag:** 2020.04.13  
(86) **Int.søknadsnr:** PCT/US2020/027957  
(24) **Løpedag:** 2020.04.13  
(71) **Søker:**  
BL Technologies, Inc., 5951 Clearwater Drive, MN55341  
MINNETONKA, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Nick Antonopoulos, 5 Nathan Stone Lane, MA01772  
SOUTHBOROUGH, USA (US)  
Michael Doupe, 29 Royal Road, ONN1H1G2 GUELPH,  
Canada (CA)  
Tamizh Aruvi Kanagasabai, 401, Campus 1B, RMZ NXT  
Building, Whitefield Main Road, 560066 BANGALORE,  
India (IN)  
Ravi Chandra Reddy Kapa, Jebel Ali Free Zone Plot  
S20143, Plot S20143 DUBAI, De forente arabiske  
emiratene (AE)  
Irving Elyanow, 75 Cedar St., MA02421 LEXINGTON,  
USA (US)
- (54) **Benevnelse:**  
SEAWATER TREATMENT TO OBTAIN HIGH SALINITY  
WATER WITH LOW HARDNESS FOR ENHANCED OIL  
RECOVERY

- (51) **Klasse:** *C02F 1/66 (2006.01)*  
*C02F 1/58 (2006.01)*  
*C02F 1/32 (2006.01)*  
*C02F 1/70 (2006.01)*  
*A01K 61/13 (2017.01)*  
*A01K 61/10 (2017.01)*
- (21) **Søknadsnr:** 20200773  
(22) **Inndag:** 2020.07.01  
(41) **Allm.tilgj:** 2022.01.03  
(24) **Løpedag:** 2020.07.01  
(71) **Søker:**  
NIVA (Norwegian Institute for Water Research),  
Gaustadalléen 21, 0349 OSLO
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
Pernilla Marianne Carlsson, Ramfjordnesvegen 100, 9021  
TROMSDALEN  
Øyvind A. Garmo, Kurudvegen 211, 2322 RIDABU  
Carlos Escudero, Idas vei 77, 0981 OSLO  
Muhammad Umar, 505 - Haakon Tveters vei 15, 0682  
OSLO
- (54) **Benevnelse:**  
Method of neutralizing hydrogen peroxide in wastewater  
from aquaculture delousing treatment

Krav på norsk er innkommet 2021.10.19.

(51) **Klasse:** *E01C 11/22 (2006.01)*  
*E03F 5/04 (2006.01)*  
*E03F 5/046 (2006.01)*  
*E03F 5/06 (2006.01)*  
*E03F 3/04 (2006.01)*  
*E01F 15/04 (2006.01)*

(21) **Søknadsnr:** 20210222

(22) **Inndag:** 2021.02.22

(41) **Allm.tilgj:** 2021.12.27

(30) **Prioritet:** 2020.06.25, NO, 20200746

(24) **Løpedag:** 2021.02.22

(71) **Søker:**  
 Skjæveland Cementstøperi AS, Fabrikkveien 164, 4323 SANDNES

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

(72) **Oppfinner:**  
 Harald Anders Norem, Christian Bloms veg 2B, 7058 JAKOBSLI

(54) **Benevnelse:**  
 Dreneringselement, system som omfatter dreneringselementet samt en framgangsmåte for å tilveiebringe systemet

(51) **Klasse:** *E21B 17/02 (2006.01)*  
*E21B 17/06 (2006.01)*

(21) **Søknadsnr:** 20200744

(22) **Inndag:** 2020.06.25

(41) **Allm.tilgj:** 2021.12.27

(24) **Løpedag:** 2020.06.25

(71) **Søker:**  
 TARGET Intervention AS, Opstadveien 11b, 4330 ÅLGÅRD

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

(72) **Oppfinner:**  
 Roger Anda, Ole Kyllingstadvei 4/717, 4352 KLEPPE

(54) **Benevnelse:**  
 Tube wire anchor and method of operating the same

(51) **Klasse:** *E21B 44/02 (2006.01)*

(21) **Søknadsnr:** 20210624

(22) **Inndag:** 2021.05.18

(41) **Allm.tilgj:** 2021.12.27

(30) **Prioritet:** 2020.06.26, US, 16/913,340

(24) **Løpedag:** 2021.05.18

(71) **Søker:**  
 LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
 Robello Samuel, 11306 Dawnheath Drive, TX77433 CYPRESS, USA (US)

(54) **Benevnelse:**  
 AUTONOMOUS WELLBORE DRILLING WITH SATISFICING DRILLING PARAMETERS

(51) **Klasse:** *E21B 47/00 (2012.01)*  
*E21B 47/007 (2012.01)*  
*E21B 47/12 (2012.01)*  
*E21B 23/01 (2006.01)*  
*E21B 23/06 (2006.01)*  
*E21B 33/124 (2006.01)*

(21) **Søknadsnr:** 20200748

(22) **Inndag:** 2020.06.25

(41) **Allm.tilgj:** 2021.12.27

(24) **Løpedag:** 2020.06.25

(71) **Søker:**  
 TARGET INTERVENTION AS, Opstadveien 11A, 4330 ÅLGÅRD

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

(72) **Oppfinner:**  
 Roger Anda, Ole Kyllingstadvei 4/717, 4352 KLEPPE  
 Simen Didden Dovland, Brattlandsplassen 27, 4360 VARHAUG  
 Monika Bakke Malmin, Berlandsveien 64, 4330 ÅLGÅRD  
 Per Egil Almås, Ringnotveien 2, 4085 HUNDVÅG

(54) **Benevnelse:**  
 Downhole tool and method for operating the same

(51) **Klasse:** *E21B 47/06 (2012.01)*

(21) **Søknadsnr:** 20210592

(22) **Inndag:** 2021.05.11

(41) **Allm.tilgj:** 2021.12.23

(30) **Prioritet:** 2020.06.22, US, 63/042,294  
 2021.05.07, US, 17/314,285

(24) **Løpedag:** 2021.05.11

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

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

(72) **Oppfinner:**  
 Zhengchun Liu, 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)  
 Adolfo Gonzales, 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)  
 YONGFENG KANG, 3000 N. Sam Houston Parkway E, TX77032 HOUSTON, USA (US)  
 ROBELLO SAMUEL, 3000 N. Sam Houston Parkway E, TX77032 HOUSTON, USA (US)  
 NITISH CHAUDHARI, 3000 N. Sam Houston Parkway E, TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**  
 DETERMINING GAS-OIL AND OIL-WATER SHUT-IN INTERFACES FOR AN UNDULATING WELL

(51) **Klasse:** *E21B 47/06 (2012.01)*

(21) **Søknadsnr:** 20210625

(22) **Inndag:** 2021.05.18

(41) **Allm.tilgj:** 2021.12.27

(30) **Prioritet:** 2020.06.25, US, 16/912,383

(24) **Løpedag:** 2021.05.18

(71) **Søker:**  
 HALLIBURTON ENERGY SERVICES, INC., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
 Mathew Dennis Rowe, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

(54) **Benevnelse:**  
 OPEN CHANNEL FLOW FROM MULTIPLE PRESSURE SENSORS

- (51) **Klasse:** *E21B 49/08 (2006.01)*  
*E21B 41/00 (2006.01)*  
*G01V 99/00 (2009.01)*  
*G06N 20/00 (2019.01)*  
*E21B 47/26 (2012.01)*
- (21) **Søknadsnr:** 20210570  
(22) **Inndag:** 2021.05.07  
(41) **Allm.tilgj:** 2021.12.13  
(30) **Prioritet:** 2020.06.12, WO, PCT/US2020/037587  
(24) **Løpedag:** 2021.05.07  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia
- (72) **Oppfinner:**  
Ashwani Dev, 22511 Bridgehaven Drive, TX77494 KATY, USA (US)  
Ajay Pratap Singh, 830 El Mundo, #605, TX77054 HOUSTON, USA (US)  
Suryansh Purwar, 13310 Olive Trl, TX77077 HOUSTON, USA (US)  
Satyam Priyadarshy, 13507 Apple Barrel Ct., VA20171 HERNDON, USA (US)
- (54) **Benevnelse:**  
RESERVOIR FLUID PROPERTY MODELING USING MACHINE LEARNING

- (51) **Klasse:** *E21B 49/10 (2006.01)*  
*E21B 49/08 (2006.01)*
- (21) **Søknadsnr:** 20211357  
(22) **Inndag:** 2021.11.10  
(41) **Allm.tilgj:** 2021.11.10  
(30) **Prioritet:** 2019.06.17, US, 16/442,626  
(86) **Int.inndag:** 2019.06.17  
(86) **Int.søknadsnr:** PCT/US2019/037459  
(24) **Løpedag:** 2019.06.17  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia
- (72) **Oppfinner:**  
James M Price, 15603 Meadow Palm Drive, TX77433 CYPRESS, USA (US)  
Christopher Michael Jones, 22947 Heathercroft Drive, TX77450 KATY, USA (US)  
Julia Golovko, 1801 Bering Drive #824, TX77057 HOUSTON, USA (US)  
Anthony Van Zulekom, 9310 Teepee Trail, TX77064 HOUSTON, USA (US)
- (54) **Benevnelse:**  
DOWNHOLE HYDROGEN SULFIDE CAPTURE AND MEASUREMENT

- (51) **Klasse:** *F17C 3/04 (2006.01)*  
*F17C 3/02 (2006.01)*  
*F17C 13/00 (2006.01)*
- (21) **Søknadsnr:** 20200801  
(22) **Inndag:** 2020.07.09  
(41) **Allm.tilgj:** 2022.01.10  
(24) **Løpedag:** 2020.07.09  
(71) **Søker:**  
LNT Marine Pte., Ltd., 3 International Business Park, #04-07/08 Nordic European Center, 609927 SINGAPORE, Singapore (SG)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Per Ivar Nikolaisen, Simleveien 30, 3124 TØNSBERG
- (54) **Benevnelse:**  
Method for applying insulation to a combined cylindrical tank, a combined cylindrical tank and use thereof
- Krav på norsk er innkommet 2021.06.23.

- (51) **Klasse:** *F24F 1/0047 (2019.01)*  
*F24F 1/0317 (2019.01)*  
*F24F 1/0011 (2019.01)*  
*F24F 1/0014 (2019.01)*  
*F24F 1/0018 (2019.01)*  
*F24F 1/0033 (2019.01)*  
*F24F 13/06 (2006.01)*  
*F24F 13/065 (2006.01)*  
*F24F 11/79 (2018.01)*
- (21) **Søknadsnr:** 20200734  
(22) **Inndag:** 2020.06.23  
(41) **Allm.tilgj:** 2021.12.24  
(24) **Løpedag:** 2020.06.23  
(71) **Søker:**  
TROX AURANOR NORGE AS, Auranorvegen 6, 2770 JAREN
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (72) **Oppfinner:**  
Tore Stenbråten, Brurudbakka 4, 2864 FALL  
Peter Sønderskov, Ringparken 44, 8722 HEDENSTED, Danmark (DK)
- (54) **Benevnelse:**  
Ventilasjonsanordning med individuelt styrt tilluft

- (51) **Klasse:** *G01V 1/30 (2006.01)*  
*G01V 1/28 (2006.01)*
- (21) **Søknadsnr:** 20211292  
(22) **Inndag:** 2021.10.28  
(41) **Allm.tilgj:** 2021.11.29  
(30) **Prioritet:** 2019.05.03, GB, 1906256.1  
(86) **Int.inndag:** 2020.04.29  
(86) **Int.søknadsnr:** PCT/NO2020/050110  
(24) **Løpedag:** 2020.04.29  
(71) **Søker:**  
EQUINOR ENERGY AS, Postboks 8500 Forus, 4035 STAVANGER
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (72) **Oppfinner:**  
Øyvind Skjæveland, Vålandsbakken 32, 4010 STAVANGER
- (54) **Benevnelse:**  
Method of analysing seismic data

## Meddelte patenter B1

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

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

(51) **Klasse:** *A61H 31/00 (2006.01)*  
(11) **Patentnr:** **346028**  
(21) **Søknadsnr:** 20201412  
(22) **Inng.dag:** 2020.12.21  
(24) **Løpedag:** 2020.12.21  
(41) **Allm.tilg.dag:** 2022.01.10  
(45) **Meddelt:** 2022.01.10  
(73) **Innehaver:**  
NUI AS, Gravdalsveien 245, 5165 LAKSEVÅG  
(72) **Oppfinner:**  
KIM LØSETH, BJØRGELIEN 5 A, 5141 FYLLINGSDALEN  
ROLF OTTO RØSSLAND, HELGEPLASSET 78, 5148  
FYLLINGSDALEN  
Victoria Chan, Straumåsen 156, 5151 STRAUMSGREND  
Fredrik Bærheim, Dolvikhaugene 82, 5252  
SØREIDGREND  
(54) **Benevnelse:**  
Kompakt brystkompresjonsmaskin og bruken av denne

(51) **Klasse:** *E04D 13/12 (2006.01)*  
*E06C 1/36 (2006.01)*  
*E06C 9/02 (2006.01)*  
(11) **Patentnr:** **346031**  
(21) **Søknadsnr:** 20161054  
(22) **Inng.dag:** 2016.06.23  
(30) **Prioritet:** 2015.07.08, SE, 1530107-0  
(24) **Løpedag:** 2016.06.23  
(41) **Allm.tilg.dag:** 2017.01.09  
(45) **Meddelt:** 2022.01.10  
(73) **Innehaver:**  
Lonevåg Beslagfabrikk AS, 5282 LONEVÅG  
(74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge  
(72) **Oppfinner:**  
Kenneth Flatås, Hatland, 5282 LONEVÅG  
(54) **Benevnelse:**  
Et festebeslag for feste av takutstyr til et tak, samt et  
stigebrunn for et slikt tak omfattende flere av de nevnte  
festebeslagene.

(51) **Klasse:** *E21B 17/01 (2006.01)*  
*E21B 43/12 (2006.01)*  
*E21B 21/08 (2006.01)*  
*E21B 33/08 (2006.01)*  
*E21B 21/00 (2006.01)*  
(11) **Patentnr:** **346029**  
(21) **Søknadsnr:** 20150009  
(22) **Inng.dag:** 2015.01.02  
(30) **Prioritet:** 2012.06.01, GB, 1209844  
(86) **Int.inng.dag:** 2012.10.24  
(86) **Int.Søknadsnr:** PCT/EP2012/071043  
(24) **Løpedag:** 2012.10.24  
(41) **Allm.tilg.dag:** 2015.01.02  
(45) **Meddelt:** 2022.01.10  
(73) **Innehaver:**  
Statoil Petroleum AS, 4035 STAVANGER  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(72) **Oppfinner:**  
Nils Lennart Rolland, Eikaasneset 42, 5131 NYBORG  
Ivar Kjøsnes, Oskar Braatens vei 25, 7024 TRONDHEIM  
(54) **Benevnelse:**  
Apparatus and method for controlling pressure in a  
borehole

(51) **Klasse:** *E21B 33/035 (2006.01)*  
*H05K 5/06 (2006.01)*  
*E21B 41/00 (2006.01)*  
(11) **Patentnr:** **346035**  
(21) **Søknadsnr:** 20191180  
(22) **Inng.dag:** 2019.10.02  
(24) **Løpedag:** 2019.10.02  
(41) **Allm.tilg.dag:** 2021.04.05  
(45) **Meddelt:** 2022.01.10  
(73) **Innehaver:**  
FMC Kongsberg Subsea AS, Postboks 1012, 3601  
KONGSBERG  
(74) **Fullmektig:**  
Santarelli, 49 avenue des Champs-Élysées, 75008  
PARIS, Frankrike  
(72) **Oppfinner:**  
Stein Følkner, Østeråsen 86, 1361 ØSTERÅS  
(54) **Benevnelse:**  
PRESSURE COMPENSATOR AND ASSEMBLY  
COMPRISES A SUBSEA INSTALLATION AND SUCH A  
PRESSURE COMPENSATOR

(51) **Klasse:** *E21B 47/00 (2012.01)*  
*E21B 47/18 (2012.01)*

(11) **Patentnr:** 346030

(21) **Søknadsnr:** 20151076

(22) **Inng.dag:** 2015.08.25

(30) **Prioritet:** 2013.05.17, GB, 1308915.6  
2013.07.18, GB, 1312866.5

(86) **Int.inng.dag:** 2014.05.16

(86) **Int.Søknadsnr:** PCT/GB2014/051522

(24) **Løpedag:** 2014.05.16

(41) **Allm.tilg.dag:** 2015.08.25

(45) **Meddelt:** 2022.01.10

(73) **Innehaver:**  
Halliburton Manufacturing and Services Limited, Russell House, Block D, Regent Park, Kingston Road, KT227LU SURREY, LEATHERHEAD, Storbritannia (GB)

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

(72) **Oppfinner:**  
William Brown-Kerr, Creagan Dearg, 8 Golf Place, AB345GA ABOYNE, ABERDEENSHIRE, Storbritannia (GB)  
Bruce Herman Forsyth McGarian, 23 East Glebe, AB392HW STONEHAVEN, ABERDEENSHIRE, Storbritannia (GB)

(54) **Benevnelse:**  
Monitoring and transmitting wellbore data to surface

(51) **Klasse:** *E21B 47/18 (2012.01)*  
*E21B 47/12 (2012.01)*  
*E21B 7/04 (2006.01)*

(11) **Patentnr:** 346032

(21) **Søknadsnr:** 20170937

(22) **Inng.dag:** 2017.06.09

(86) **Int.inng.dag:** 2015.01.12

(86) **Int.Søknadsnr:** PCT/US2015/011034

(24) **Løpedag:** 2015.01.12

(41) **Allm.tilg.dag:** 2017.06.09

(45) **Meddelt:** 2022.01.10

(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:**  
Bipin K Pillai, 12719 Briar Harbor drive, TX77377 TOMBALL, USA (US)

(54) **Benevnelse:**  
WAVE REFLECTION SUPPRESSION IN PULSE MODULATION TELEMETRY

(51) **Klasse:** *F04D 13/08 (2006.01)*  
*F04C 15/00 (2006.01)*

(11) **Patentnr:** 346033

(21) **Søknadsnr:** 20181663

(22) **Inng.dag:** 2018.12.20

(24) **Løpedag:** 2018.12.20

(41) **Allm.tilg.dag:** 2020.06.22

(45) **Meddelt:** 2022.01.10

(73) **Innehaver:**  
FSUBSEA AS, Caspar Storms vei 21, 0664 OSLO

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

(72) **Oppfinner:**  
Terje Hollingsæter, Trulsrudskogen 64, 1350 LOMMEDALEN  
Tommy Westberg, Stationsvägen 6, 68592 TORSBY, Sverige (SE)  
Christian Høy, Bøkkerveien 42b, 0579 OSLO

(54) **Benevnelse:**  
Subsea pump system with process lubricated bearings, related method and use

(51) **Klasse:** *F17C 3/04 (2006.01)*  
*F17C 3/02 (2006.01)*  
*F17C 13/00 (2006.01)*

(11) **Patentnr:** 346027

(21) **Søknadsnr:** 20200801

(22) **Inng.dag:** 2020.07.09

(24) **Løpedag:** 2020.07.09

(41) **Allm.tilg.dag:** 2022.01.10

(45) **Meddelt:** 2022.01.10

(73) **Innehaver:**  
LNT Marine Pte., Ltd., 3 International Business Park, #04-07/08 Nordic European Center, 609927 SINGAPORE, Singapore (SG)

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

(72) **Oppfinner:**  
Per Ivar Nikolaisen, Simleveien 30, 3124 TØNSBERG

(54) **Benevnelse:**  
Method for applying insulation to a combined cylindrical tank, a combined cylindrical tank and use thereof

(51) **Klasse:** *G01V 1/36 (2006.01)*  
*G01V 1/26 (2006.01)*  
*G01V 1/38 (2006.01)*

(11) **Patentnr:** 346034

(21) **Søknadsnr:** 20190668

(22) **Inng.dag:** 2019.05.24

(30) **Prioritet:** 2006.07.24, US, 11/459,441

(86) **Int.inng.dag:** 2007.06.27

(86) **Int.Søknadsnr:** PCT/us2007/072262

(62) **Avdelt fra:** 20090752, med inndato 2009.02.17

(62) **Utskilt fra:** 20090752, med inndato 2009.02.17

(24) **Løpedag:** 2007.06.27

(41) **Allm.tilg.dag:** 2009.04.24

(45) **Meddelt:** 2022.01.10

(73) **Innehaver:**  
REFLECTION MARINE NORGE AS, Damsgårdsveien 135, 5160 LAKSEVÅG

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

(72) **Oppfinner:**  
Robert Montgomery Laws, 30 Beche Road, CB58HU CAMBRIDGE, Storbritannia (GB)  
Dirk-Jan van Manen, St. Edmundsvei 49B, 0280 OSLO  
David Halliday, 7 Smiddy Burn, KY168SN KINGSBARNES FIFE, Storbritannia (GB)  
Johan O.A. ROBERTSSON, Stasjonsveien 8A, 0774 OSLO

(54) **Benevnelse:**  
Fremgangsmåte for minimering av restskuddstøy fra seismiske data



## 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 :** **A01H 5/00 (2018.01)**  
**C12Q 1/68 (2018.01)**

(87) **EP Publ.nr:** EP2219433  
(86) **EP søkn.nr:** 08847657.7  
(86) **EP innl.dag:** 2008.11.07  
(87) **EP publ.dag:** 2010.08.25  
(80) **EP meddelt :** 2021.08.11  
(30) **Prioritet:** 2007.11.09, NL, 2000992  
(86) **Int.inndag :** 2008.11.07  
(86) **Int.søknadsnr :** PCT/EP2008/009404  
(73) **Innehaver:**  
Nunhems B.V., Napoleonsweg 1526083 AB Nunhem, NL-Nederland

(72) **Oppfinner:**  
CRIENEN, Jack, Breekweyweg 2NL-5991 RA Baarlo, NL-Nederland  
REULING, Gerhard, Zadelmakerslaan 27NL-6093 GN Heythuysen, NL-Nederland  
SEGERS, Bart, Heierveldlaan 31NL-5993 GD Maasbree, NL-Nederland  
VAN DE WAL, Marion, Mosselaarweg 5NL-5684 NX Best, NL-Nederland

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

(54) **Benevnelse:**  
NEW CUCUMBER PLANTS WITH A COMPACT GROWING HABIT

(51) **Klasse :** **A01P 13/02 (2006.01)**  
**A01N 25/00 (2006.01)**

(87) **EP Publ.nr:** EP3284346  
(86) **EP søkn.nr:** 17190791.8  
(86) **EP innl.dag:** 2011.10.13  
(87) **EP publ.dag:** 2018.02.21  
(80) **EP meddelt :** 2021.07.07  
(30) **Prioritet:** 2010.10.15, EP, 10187759  
2010.10.19, US, 394469 P

(73) **Innehaver:**  
Bayer CropScience Aktiengesellschaft, Alfred-Nobel-Straße 5040789 Monheim, DE-Tyskland

(72) **Oppfinner:**  
Hain, Rüdiger, Dreieichstraße 4460594 Frankfurt am Main, DE-Tyskland  
Johann, Gerhard, Bürgermeister-Schmidt-Straße 2451399 Burscheid, DE-Tyskland  
Donn, Günter, Sachsenring 3565719 Hofheim, DE-Tyskland

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

(54) **Benevnelse:**  
USE OF ALS INHIBITOR HERBICIDES FOR CONTROL OF UNWANTED VEGETATION IN ALS INHIBITOR HERBICIDE TOLERANT BETA VULGARIS PLANTS

(51) **Klasse :** **A22C 25/02 (2006.01)**  
**A22C 25/14 (2006.01)**  
**A23B 4/22 (2006.01)**

(87) **EP Publ.nr:** EP3606350  
(86) **EP søkn.nr:** 18721866.4  
(86) **EP innl.dag:** 2018.04.05  
(87) **EP publ.dag:** 2020.02.12  
(80) **EP meddelt :** 2021.06.30  
(30) **Prioritet:** 2017.04.05, IS, 50174  
2018.03.01, IS, 50213

(86) **Int.inndag :** 2018.04.05  
(86) **Int.søknadsnr :** PCT/IS2018/050003  
(73) **Innehaver:**  
Lambhusasund ehf., Bakkatun 26300 Akranes, IS-Island

(72) **Oppfinner:**  
ARNASON, Ingolfur, Soleyjargotu 14300 Akranes, IS-Island

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

(54) **Benevnelse:**  
SYSTEM AND METHOD FOR WASHING AND COOLING FOOD ITEMS COMPRISING A COIL PUMP

(51) **Klasse :** **A47B 67/02 (2006.01)**  
**A47B 67/04 (2006.01)**  
**A61F 17/00 (2006.01)**

(87) **EP Publ.nr:** EP3578083  
(86) **EP søkn.nr:** 19178411.5  
(86) **EP innl.dag:** 2019.06.05  
(87) **EP publ.dag:** 2019.12.11  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2018.06.08, SE, 1850693

(73) **Innehaver:**  
Orkla Care AB, Box 1336171 26 Solna, SE-Sverige

(72) **Oppfinner:**  
CRAFOORD, David, Grönviksvägen 207167 76 BROMMA, SE-Sverige  
WIK, Maria, Bränningevägen 30A120 58 ÅRSTA, SE-Sverige

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

(54) **Benevnelse:**  
DISPENSER FOR MEDICAL ARTICLES

(51) **Klasse :** **A47G 21/18 (2006.01)**  
**C03C 17/00 (2006.01)**  
**C03C 17/30 (2006.01)**  
**C03C 17/32 (2006.01)**  
**F16L 9/10 (2006.01)**

(87) **EP Publ.nr:** EP3738479  
(86) **EP søkn.nr:** 19174512.4  
(86) **EP innl.dag:** 2019.05.14  
(87) **EP publ.dag:** 2020.11.18  
(80) **EP meddelt :** 2021.10.06

(73) **Innehaver:**  
Hilgenberg GmbH, Strauchgraben 234323 Malsfeld, DE-Tyskland

(72) **Oppfinner:**  
HILGENBERG, Ingo, Im Strauchgraben 234323 Malsfeld, DE-Tyskland

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

(54) **Benevnelse:**  
MULTIPLE-USE DRINKING STRAWS AND THEIR PRODUCTION

(51) **Klasse :** **A47J 31/60 (2006.01)**

(87) **EP Publ.nr:** EP3621498  
(86) **EP søkn.nr:** 18725011.3  
(86) **EP innl.dag:** 2018.05.09  
(87) **EP publ.dag:** 2020.03.18  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2017.05.10, NL, 2018884  
2017.05.10, NL, 2018886

(86) **Int.inndag :** 2018.05.09  
(86) **Int.søknadsnr :** PCT/NL2018/050308

(73) **Innehaver:**  
Koninklijke Douwe Egberts B.V., Vleutensevaart 353532 AD Utrecht, NL-Nederland

(72) **Oppfinner:**  
DESSING, Jacobus Petrus Maria, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland  
STANDAAR, Koen, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland  
DEES, Hendrik Johan, c/o Vleutensevaart 353532 AD Utrecht, NL-Nederland

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

(54) **Benevnelse:**  
BEVERAGE DISPENSING DEVICE WITH CLEANING MODULE AND METHOD OF CLEANING SAID DEVICE

(51) **Klasse :** **A61B 5/00 (2006.01)**  
**A61B 5/103 (2006.01)**  
**A61B 90/00 (2016.01)**  
**G01N 21/64 (2006.01)**  
**G06T 7/00 (2017.01)**

(87) **EP Publ.nr:** EP3171765  
(86) **EP søkn.nr:** 15824466.5  
(86) **EP innl.dag:** 2015.07.24  
(87) **EP publ.dag:** 2017.05.31  
(80) **EP meddelt :** 2021.09.01  
(30) **Prioritet:** 2014.07.24, US, 201462028386 P  
(86) **Int.inndag :** 2015.07.24  
(86) **Int.søknadsnr :** PCT/CA2015/000444

(73) **Innehaver:**  
University Health Network, R. Fraser Elliott Building, Room 1S-417 190 Elizabeth Street Toronto, ON M5G 2C4, CA-Canada

(72) **Oppfinner:**  
DACOSTA, Ralph, III-1-5 Address 37 Angelsey Boulevard Etobicoke, Ontario M9A 3B7, CA-Canada

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

(54) **Benevnelse:**  
COLLECTION AND ANALYSIS OF DATA FOR DIAGNOSTIC PURPOSES

(51) **Klasse :** **A61B 10/00 (2006.01)**

(87) **EP Publ.nr:** EP3285654  
(86) **EP søkn.nr:** 16722301.5  
(86) **EP innl.dag:** 2016.04.22  
(87) **EP publ.dag:** 2018.02.28  
(80) **EP meddelt :** 2021.08.25  
(30) **Prioritet:** 2015.04.24, FR, 1553721  
(86) **Int.inndag :** 2016.04.22  
(86) **Int.søknadsnr :** PCT/FR2016/050963

(73) **Innehaver:**  
Maat Pharma, 70 Avenue Tony Garnier 69007 Lyon, FR-Frankrike  
Institut national de recherche pour l'agriculture, l'alimentation et l'environnement, 147 rue de l'Université 75007 Paris, FR-Frankrike

(72) **Oppfinner:**  
SCHWINTNER, Carole, Maat Pharma 317 avenue Jean Jaurès 69007 Lyon, FR-Frankrike  
AFFAGARD, Hervé, Maat Pharma 317 avenue Jean Jaurès 69007 Lyon, FR-Frankrike  
DORE, Joël, 136 avenue André Maginot 94400 Vitry-sur-Seine, FR-Frankrike

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

(54) **Benevnelse:**  
PROCEDURE FOR THE SAMPLING OF MICROORGANISMS, DEVICE FOR THE SAMPLING OF MICROORGANISMS AND KIT COMPRISING SAID DEVICE

- (51) **Klasse :** **A61B 17/326 (2006.01)**  
**A61B 17/00 (2006.01)**
- (87) **EP Publ.nr:** EP2606840  
(86) **EP søkn.nr:** 11817653.6  
(86) **EP innl.dag:** 2011.08.19  
(87) **EP publ.dag:** 2013.06.26  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2010.08.20, CN, 201020299303 U  
(86) **Int.inndag :** 2011.08.19  
(86) **Int.søknadsnr :** PCT/CN2011/001386  
(73) **Innehaver:**  
Shang, Jianzhong, 4F Overseas Student Pioneer Park  
Science Innovation Center Economic&Technology Zone  
Yinhu Road (N)Wuhu, Anhui 241001, CN-Kina
- (72) **Oppfinner:**  
SHANG, Jingjing, 4F Overseas Student Pioneer  
ParkScience Innovation CenterYinhu  
Road(N)Economic&Technology ZoneWuhuAnhui 241001,  
CN-Kina
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
DISPOSABLE CIRCUMCISION CLAMP

- (51) **Klasse :** **A61F 2/26 (2006.01)**  
**A61F 5/41 (2006.01)**  
**A61M 5/142 (2006.01)**
- (87) **EP Publ.nr:** EP3005986  
(86) **EP søkn.nr:** 15171219.7  
(86) **EP innl.dag:** 2009.10.09  
(87) **EP publ.dag:** 2016.04.13  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2008.10.10, US, 136892 P  
(73) **Innehaver:**  
MedicalTree Patent Ltd., Ideon Science Park223 70 Lund,  
SE-Sverige
- (72) **Oppfinner:**  
Forsell, Peter, Route des lles 2B1897 Bouveret, CH-Sveits
- (74) **Fullmektig:**  
AWA NORWAY AS, c/o Regus Business Center Aker  
brygge, Postboks 1433 Vika, 0115 OSLO, Norge
- (54) **Benevnelse:**  
INFUSION OF DRUGS

- (51) **Klasse :** **A61K 8/64 (2006.01)**  
**A61K 8/30 (2006.01)**  
**A61K 8/36 (2006.01)**  
**A61K 8/63 (2006.01)**  
**A61K 8/66 (2006.01)**  
**A61K 8/92 (2006.01)**  
**A61K 8/97 (2006.01)**  
**A61K 8/98 (2006.01)**  
**A61K 35/60 (2006.01)**  
**A61P 17/00 (2006.01)**  
**A61Q 19/00 (2006.01)**  
**A61Q 19/08 (2006.01)**
- (87) **EP Publ.nr:** EP3100717  
(86) **EP søkn.nr:** 16174122.8  
(86) **EP innl.dag:** 2013.01.23  
(87) **EP publ.dag:** 2016.12.07  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2012.01.23, US, 201261589592 P  
(73) **Innehaver:**  
Restorsea, LLC, 9990 Richmond Ave, Suite 370NHouston,  
TX 77042, US-USA
- (72) **Oppfinner:**  
ALABATA, Enrique, 21019 Reynolds Drive, Apt.  
CTorrance, CA 90503, US-USA  
PAO, Patricia, S., 300 East 93rd Street, Suite 42aNew  
York, NY 10128, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
COSMETIC CONTAINING A FISH SPAWN PROTEIN  
ISOLATE

- (51) **Klasse :** **A61K 31/506 (2006.01)**  
**A61K 9/08 (2006.01)**  
**A61K 9/10 (2006.01)**  
**A61K 9/14 (2006.01)**  
**A61K 9/16 (2006.01)**  
**A61K 47/20 (2006.01)**  
**A61K 47/40 (2006.01)**  
**A61P 31/10 (2006.01)**  
**C07D 403/12 (2006.01)**
- (87) **EP Publ.nr:** EP3463365  
(86) **EP søkn.nr:** 17728590.5  
(86) **EP innl.dag:** 2017.05.25  
(87) **EP publ.dag:** 2019.04.10  
(80) **EP meddelt :** 2021.08.25  
(30) **Prioritet:** 2016.05.25, GB, 201609222  
(86) **Int.inndag :** 2017.05.25  
(86) **Int.søknadsnr :** PCT/GB2017/051494  
(73) **Innehaver:**  
F2G Limited, Lankro Way EcclesManchester, Greater  
Manchester M30 0BH, GB-Storbritannia
- (72) **Oppfinner:**  
LAW, Derek, c/o F2G LimitedP O Box 1Lankro  
WayManchester M30 0BH, GB-Storbritannia  
SIBLEY, Graham Edward Morris, c/o F2G LimitedP O Box  
1Lankro WayManchester M30 0BH, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ANTIFUNGAL PHARMACEUTICAL FORMULATION

- (51) **Klasse :** **A61K 31/519 (2006.01)**  
**A61K 31/4439 (2006.01)**  
**A61P 7/00 (2006.01)**  
**C07D 405/12 (2006.01)**
- (87) **EP Publ.nr:** EP3355890  
(86) **EP søkn.nr:** 16852664.8  
(86) **EP innl.dag:** 2016.09.30  
(87) **EP publ.dag:** 2018.08.08  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2015.10.01, US, 201562235754 P  
(86) **Int.inndag :** 2016.09.30  
(86) **Int.søknadsnr :** PCT/US2016/054619  
(73) **Innehaver:**  
Biocryst Pharmaceuticals, Inc., 4505 Emperor  
Blvd.Durham, North Carolina 27703, US-USA
- (72) **Oppfinner:**  
KOTIAN, Pravin, L., 1139 Magnolia RunHoover, AL 35226,  
US-USA  
BABU, Yarlagaadda, S., 4836 Southlake  
ParkwayBirmingham, AL 35244, US-USA  
KUMAR, V., Satish, 809 Mayapple CourtBirmingham, AL  
35244, US-USA  
ZHANG, Weihe, 2645 Manchester CourtVestavia, AL  
35226, US-USA  
VOGETI, Lakshminarayana, 905 Congressional  
DriveLawrence, KS 66049, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
HUMAN PLASMA KALLIKREIN INHIBITORS
- 
- (51) **Klasse :** **A61K 31/57 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 23/00 (2006.01)**  
**A61P 25/08 (2006.01)**  
**A61P 25/10 (2006.01)**  
**A61P 25/12 (2006.01)**  
**A61P 43/00 (2006.01)**
- (87) **EP Publ.nr:** EP2887944  
(86) **EP søkn.nr:** 13830765.7  
(86) **EP innl.dag:** 2013.08.21  
(87) **EP publ.dag:** 2015.07.01  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2012.08.21, US, 201261691545 P  
2013.03.15, US, 201361789491 P  
(86) **Int.inndag :** 2013.08.21  
(86) **Int.søknadsnr :** PCT/US2013/056062  
(73) **Innehaver:**  
Sage Therapeutics, Inc., 215 First StreetCambridge, MA  
02142, US-USA
- (72) **Oppfinner:**  
REDDY, Kiran, 4 Emerson Place, Apt.813Boston, MA  
02114, US-USA  
KANES, Stephen Jay, 125 Guernsey RdSwarthmore, PA  
19081, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
ALLOPREGNANOLONE FOR TREATING REFRACTORY  
STATUS EPILEPTICUS
- 
- (51) **Klasse :** **A61K 35/18 (2015.01)**  
**A01N 1/00 (2006.01)**  
**A01N 1/02 (2006.01)**  
**A61J 1/10 (2006.01)**  
**A61J 1/14 (2006.01)**  
**A61K 35/00 (2006.01)**  
**A61M 1/02 (2006.01)**  
**A61M 1/34 (2006.01)**  
**C12M 1/00 (2006.01)**  
**C12N 5/078 (2010.01)**
- (87) **EP Publ.nr:** EP3268015  
(86) **EP søkn.nr:** 16762524.3  
(86) **EP innl.dag:** 2016.03.10  
(87) **EP publ.dag:** 2018.01.17  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2015.03.10, US, 201562131130 P  
(86) **Int.inndag :** 2016.03.10  
(86) **Int.søknadsnr :** PCT/US2016/021794  
(73) **Innehaver:**  
Hemanext Inc., 99 Hayden Avenue, Building B, Suite  
620Lexington, MA 02421, US-USA
- (72) **Oppfinner:**  
WOLF, Michael, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA  
SARITA, Jancarlo, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA  
SUTTON, Jeffrey Karl, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA  
CORDERO, Rafael, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA  
ZOCCHI, Michael, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA  
KEEGAN, Philip, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA  
RENGANATHAN, Narendran, 99 Hayden AvenueBuilding  
B, Suite 620Lexington, MA 02421, US-USA  
HARHEN, Robert, 99 Hayden AvenueBuilding B, Suite  
620Lexington, MA 02421, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
OXYGEN REDUCTION DISPOSABLE KITS, DEVICES  
AND METHODS OF USE THEREOF

- (51) **Klasse :** **A61K 39/39 (2006.01)**  
**A61K 39/008 (2006.01)**  
**A61K 39/27 (2006.01)**
- (87) **EP Publ.nr:** EP3542819  
(86) **EP søkn.nr:** 19173426.8  
(86) **EP innl.dag:** 2014.05.12  
(87) **EP publ.dag:** 2019.09.25  
(80) **EP meddelt :** 2021.08.18  
(30) **Prioritet:** 2013.05.14, US, 201361823189 P  
(73) **Innehaver:**  
Zoetis Services LLC, 10 Sylvan Way Parsippany, NJ 07054, US-USA
- (72) **Oppfinner:**  
Dominowski, Paul Joseph, Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA  
Rai, Sharath K., Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA  
Sly, Laurel Mary, Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA  
Cook, Corey Patrick, Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA  
Mwangi, Duncan, Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA  
Foss, Dennis L., Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA  
Krebs, Richard Lee, Zoetis, VMRDc/o Zoetis LLC333 Portage Street Kalamazoo, MI 49007, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL VACCINE COMPOSITIONS COMPRISING IMMUNOSTIMULATORY OLIGONUCLEOTIDES

- (51) **Klasse :** **A61K 39/39 (2006.01)**  
**A61K 31/4745 (2006.01)**  
**A61K 31/519 (2006.01)**  
**A61K 31/713 (2006.01)**  
**A61K 35/15 (2015.01)**  
**A61K 39/395 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 7/00 (2006.01)**  
**A61P 35/00 (2006.01)**  
**C07K 16/18 (2006.01)**  
**C07K 16/28 (2006.01)**
- (87) **EP Publ.nr:** EP3656443  
(86) **EP søkn.nr:** 19197485.6  
(86) **EP innl.dag:** 2016.01.21  
(87) **EP publ.dag:** 2020.05.27  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2015.01.21, US, 201562106050 P  
(73) **Innehaver:**  
The Board of Trustees of the Leland Stanford Junior University, Office of the General Counsel Building 170, Third Floor, Main Quad P.O. Box 20386 Stanford, CA 94305-2038, US-USA
- (72) **Oppfinner:**  
WEISSMAN, Irving L., 747 Santa Ynez Street Stanford, CA California 94305, US-USA  
FENG, Mingye, 1957 California Street Apt. 17 Mountain View, CA California 94040, US-USA  
VOLKMER, Jens-Peter, 12 Coleman Place Apt. 2 Menlo Park, CA California 94025, US-USA
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
USE OF TRL AGONIST AND ANTI-CD47 AGENT TO ENHANCE PHAGOCYTOSIS OF CANCER CELLS

- (51) **Klasse :** **A61K 39/395 (2006.01)**  
**A61K 31/506 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 35/00 (2006.01)**  
**C07D 403/14 (2006.01)**  
**C07K 16/28 (2006.01)**
- (87) **EP Publ.nr:** EP3579874  
(86) **EP søkn.nr:** 18707151.9  
(86) **EP innl.dag:** 2018.02.08  
(87) **EP publ.dag:** 2019.12.18  
(80) **EP meddelt :** 2021.07.21  
(30) **Prioritet:** 2017.02.10, US, 201762457219 P  
(86) **Int.inndag :** 2018.02.08  
(86) **Int.søknadsnr :** PCT/IB2018/050783  
(73) **Innehaver:**  
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits  
Palobiofarma, S.L., Avenida Ernest Luch 32 TCM2-020708302 Mataro Barcelona, ES-Spania
- (72) **Oppfinner:**  
BILIC, Sanela, Novartis Pharmaceuticals Corporation One Health Plaza East Hanover, North Carolina 07936-1080, US-USA  
CAMACHO GOMEZ, Juan Alberto, Palobiofarma S.L. Avenida Ernest Luch 32 TCM2-020708302 Mataro Barcelona, ES-Spania  
CAMERON, John Scott, Novartis Institutes for Biomedical Research Inc. 220 Massachusetts Avenue Cambridge, Massachusetts 02139, US-USA  
CASTRO-PALOMINO LARIA, Julio Cesar, Palobiofarma S.L. Avenida Ernest Luch 32 TCM2-020708302 Mataro Barcelona, ES-Spania  
HOWARD, Danny Roland, Jr., Novartis Pharmaceuticals Corporation One Health Plaza East Hanover, New Jersey 07936-1080, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
1-(4-AMINO-5-BROMO-6-(1 H-PYRAZOL-1-YL)PYRIMIDIN-2-YL)-1 H-PYRAZOL-4-OL AND USE THEREOF IN THE TREATMENT OF CANCER

- (51) **Klasse :** **A61K 47/36 (2006.01)**  
**A61K 9/50 (2006.01)**
- (87) **EP Publ.nr:** EP3062820  
(86) **EP søkn.nr:** 14792784.2  
(86) **EP innl.dag:** 2014.10.27  
(87) **EP publ.dag:** 2016.09.07  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2014.06.19, GB, 201410898  
2013.10.28, PL, 40582013  
(86) **Int.inndag :** 2014.10.27  
(86) **Int.søknadsnr :** PCT/EP2014/072966  
(73) **Innehaver:**  
Proteon Pharmaceuticals S.A., ul. Tylna 3A90-364 Łódź, PL-Polen
- (72) **Oppfinner:**  
GORECKA, Elzbieta, Proteon Pharmaceuticals S.A. ul. Tylna 3aPL-90-364 Lodz, PL-Polen  
DZIADEK, Jaroslaw, Proteon Pharmaceuticals S.A. ul. Tylna 3aPL-90-364 Lodz, PL-Polen  
AMBROZIAK, Wojciech, Proteon Pharmaceuticals S.A. ul. Tylna 3aPL-90-364 Lodz, PL-Polen
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
METHODS FOR ENCAPSULATION AND MICROCAPSULES PRODUCED THEREBY

- (51) **Klasse :** **A61K 47/64 (2017.01)**  
**A61K 39/00 (2006.01)**  
**A61K 47/59 (2017.01)**  
**A61K 47/68 (2017.01)**  
**A61P 35/00 (2006.01)**  
**C07K 16/32 (2006.01)**
- (87) **EP Publ.nr:** EP3773737  
(86) **EP søkn.nr:** 19835231.2  
(86) **EP innl.dag:** 2019.12.09  
(87) **EP publ.dag:** 2021.02.17  
(80) **EP meddelt :** 2021.09.01  
(30) **Prioritet:** 2018.12.21, NL, 2022283  
2019.07.10, NL, 2023468  
2019.07.25, NL, 2023568
- (86) **Int.inndag :** 2019.12.09  
(86) **Int.søknadsnr :** PCT/EP2019/000334  
(73) **Innehaver:**  
SAPREME TECHNOLOGIES B.V., Professor  
Bronkhorstlaan 10 G 923723 MB Bilthoven, NL-Nederland  
Charité Universitätsmedizin Berlin, Charitéplatz 110117  
Berlin, DE-Tyskland
- (72) **Oppfinner:**  
POSTEL, Ruben, Yalelaan 62LSIRoom 2.093584 CM  
Utrecht, NL-Nederland  
FUCHS, Hendrik, Institut für  
Laboratoriumsmedizin/Klinische Chemie und  
Pathobiochemie/Charité - Universitätsmedizin Berlin  
Campus Virchow-Klinikum/Augustenburger Platz 1  
13353 Berlin, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
SAPONIN CONJUGATED TO EPITOPE-BINDING  
PROTEINS

- (51) **Klasse :** **A61N 1/04 (2006.01)**
- (87) **EP Publ.nr:** EP3634566  
(86) **EP søkn.nr:** 18726039.3  
(86) **EP innl.dag:** 2018.05.07  
(87) **EP publ.dag:** 2020.04.15  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2017.05.08, DK, PA201770323  
(86) **Int.inndag :** 2018.05.07  
(86) **Int.søknadsnr :** PCT/DK2018/050098  
(73) **Innehaver:**  
Aarhus Universitet, Nordre Ringgade 18000 Aarhus C, DK-  
Danmark
- (72) **Oppfinner:**  
SUETTA, Charlotte Arneboe, Steen Blichers Vej 13 1.2000  
Frederiksberg, DK-Danmark  
FRANSEN, Ulrik, -deceased, DK-Danmark  
NYGAARD, Jens Vinge, Gammel Kirkevej 1668530  
Hjortshøj, DK-Danmark  
MIKKELSEN, Peter Høgh, Niels Bohrs Vej 10C8260 Viby J,  
DK-Danmark
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
COMPRESSION GARMENT FOR PROVIDING  
NEUROMUSCULAR ELECTRICAL STIMULATION

- (51) **Klasse :** **A61P 3/04 (2006.01)**  
**A61K 38/00 (2006.01)**  
**A61P 3/10 (2006.01)**  
**A61P 43/00 (2006.01)**  
**C07K 14/605 (2006.01)**
- (87) **EP Publ.nr:** EP3004155  
(86) **EP søkn.nr:** 14729976.2  
(86) **EP innl.dag:** 2014.05.27  
(87) **EP publ.dag:** 2016.04.13  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2013.05.28, JP, 2013111893  
(86) **Int.inndag :** 2014.05.27  
(86) **Int.søknadsnr :** PCT/JP2014/002772  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1 Doshomachi  
4-chome Chuo-kuOsaka-shi, Osaka 541-0045, JP-Japan
- (72) **Oppfinner:**  
ASAMI, Taiji, FujisawaKanagawa 251-0012, JP-Japan  
NIIDA, Ayumu, FujisawaKanagawa 251-0012, JP-Japan
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
PEPTIDE COMPOUND

- (51) **Klasse :** **B01D 1/28 (2006.01)**  
**B01D 3/34 (2006.01)**  
**B01D 3/38 (2006.01)**  
**C02F 1/04 (2006.01)**
- (87) **EP Publ.nr:** EP3679999  
(86) **EP søkn.nr:** 19151001.5  
(86) **EP innl.dag:** 2019.01.09  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2021.07.07  
(73) **Innehaver:**  
France EVAPORATION, Z.I. A de Seclin Rue René  
Cauche59139 Noyelles les Seclin, FR-Frankrike
- (72) **Oppfinner:**  
DEHAY, ALAIN, C/O FRANCE EVAPORATION ZI A de  
Seclin Rue RenéCauche59139 NOYELLES-LES-SECLIN,  
FR-Frankrike  
CARDINAUD, ARNAUD, C/O FRANCE EVAPORATION ZI  
A de Seclin Rue RenéCauche59139 NOYELLES-LES-  
SECLIN, FR-Frankrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND INSTALLATION FOR PROCESSING A  
LIQUID

- (51) **Klasse :** *B01D 61/02 (2006.01)*  
*C02F 1/44 (2006.01)*  
*C02F 103/08 (2006.01)*  
*C02F 103/10 (2006.01)*  
*G05D 11/00 (2006.01)*
- (87) **EP Publ.nr:** EP3651881  
(86) **EP søkn.nr:** 18737324.6  
(86) **EP innl.dag:** 2018.07.12  
(87) **EP publ.dag:** 2020.05.20  
(80) **EP meddelt :** 2021.09.01  
(30) **Prioritet:** 2017.07.12, EP, 17181022  
(86) **Int.inndag :** 2018.07.12  
(86) **Int.søknadsnr :** PCT/EP2018/069044  
(73) **Innehaver:**  
BP Exploration Operating Company Limited, Chertsey Road Sunbury on Thames, Middlesex TW16 7BP, GB-Storbritannia
- (72) **Oppfinner:**  
COUVES, John William, BP Exploration Operating Company Limited Chertsey Road Sunbury on Thames Middlesex TW16 7BP, GB-Storbritannia  
CROUCH, John Henry, 88 High Street Odell Bedfordshire MK43 7AS, GB-Storbritannia  
WILLIAMS, John Dale, BP Exploration Operating Company Limited Chertsey Road Sunbury on Thames Middlesex TW16 7BP, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND SYSTEM OF CONTROLLING SALINITY OF A LOW SALINITY INJECTION WATER

- (51) **Klasse :** *B01F 3/10 (2006.01)*  
*B01F 5/06 (2006.01)*  
*B01F 15/02 (2006.01)*  
*B29B 7/32 (2006.01)*  
*B29B 7/74 (2006.01)*  
*B05B 7/04 (2006.01)*
- (87) **EP Publ.nr:** EP3574989  
(86) **EP søkn.nr:** 18174921.9  
(86) **EP innl.dag:** 2018.05.29  
(87) **EP publ.dag:** 2019.12.04  
(80) **EP meddelt :** 2021.08.11  
(73) **Innehaver:**  
SODAL, Everdongenlaan 18-202300 Turnhout, BE-Belgia
- (72) **Oppfinner:**  
GEBOES, Peter, Everdongenlaan 18-202300 Turnhout, BE-Belgia  
BOEYKENS, Ivan, Everdongenlaan 18-202300 Turnhout, BE-Belgia  
DUIJSTERS, Thomas, Everdongenlaan 18-202300 Turnhout, BE-Belgia  
SICHIEN, Lieven, Everdongenlaan 18-202300 Turnhout, BE-Belgia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
DISPENSING SYSTEM FOR MIXTURE OF TWO COMPONENTS AND STATIC MIXING NOZZLE THEREFOR

- (51) **Klasse :** *B01J 19/08 (2006.01)*  
*C01B 3/24 (2006.01)*  
*C10G 15/12 (2006.01)*  
*C10L 3/10 (2006.01)*
- (87) **EP Publ.nr:** EP2720788  
(86) **EP søkn.nr:** 12723664.4  
(86) **EP innl.dag:** 2012.05.24  
(87) **EP publ.dag:** 2014.04.23  
(80) **EP meddelt :** 2021.07.14  
(30) **Prioritet:** 2011.06.20, DE, 102011077788  
(86) **Int.inndag :** 2012.05.24  
(86) **Int.søknadsnr :** PCT/EP2012/059698  
(73) **Innehaver:**  
Evonik Operations GmbH, Rellinghauser Straße 1-1145128 Essen, DE-Tyskland
- (72) **Oppfinner:**  
MARKOWZ, Georg, Schafwiesenstr. 1963755 Alzenau, DE-Tyskland  
LANG, Jürgen Erwin, Niddastr.28b76229 Karlsruhe, DE-Tyskland  
SCHÜTTE, Rüdiger, Pfaffstättner Straße 1463755 Alzenau-Hörstein, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR MODIFYING A METHANE-CONTAINING GAS STREAM

- (51) **Klasse :** *B06B 1/06 (2006.01)*  
*G10K 11/02 (2006.01)*
- (87) **EP Publ.nr:** EP3544745  
(86) **EP søkn.nr:** 17840488.5  
(86) **EP innl.dag:** 2017.11.22  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2016.11.22, US, 201662425544 P  
(86) **Int.inndag :** 2017.11.22  
(86) **Int.søknadsnr :** PCT/IB2017/001548  
(73) **Innehaver:**  
Surf Technology AS, Department of Circulation and Medical Imaging NTNU AHL Senteret 3.etg Prinsesse Kristinas gt. 37491 Trondheim Norge
- (72) **Oppfinner:**  
ANGELSEN, Bjorn A. J., 7051 Trondheim Norge  
MYHRE, Ola Finneng, 0473 Oslo Norge
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
MULTI-BAND ULTRASOUND TRANSDUCER

- (51) **Klasse :** *B23B 51/04 (2006.01)*  
*B23B 31/107 (2006.01)*
- (87) **EP Publ.nr:** EP3448608
- (86) **EP søkn.nr:** 17790011.5
- (86) **EP innl.dag:** 2017.04.21
- (87) **EP publ.dag:** 2019.03.06
- (80) **EP meddelt :** 2021.11.24
- (30) **Prioritet:** 2016.04.29, SE, 1650573
- (86) **Int.inndag :** 2017.04.21
- (86) **Int.søknadsnr :** PCT/SE2017/050389
- (73) **Innehaver:**  
Kapman AB, Linbanegatan 12745 34 Eenköping, SE-Sverige
- (72) **Oppfinner:**  
GRINDLUND, Erik, 745 30 Enköping, SE-Sverige  
HOLM, Per, 531 41 Lidköping, SE-Sverige  
IVNER, Tomas, 531 95 Källby, SE-Sverige  
CLASSON, Nils, 531 35 Lidköping, SE-Sverige
- (74) **Fullmektig:**  
Groth & Co KB, Box 6107, 10232 STOCKHOLM, Sverige
- (54) **Benevnelse:**  
HOLDER FOR A ROTARY TOOL COMPRISING  
RADIALY AND AXIALLY MOVABLE RESTRAINT  
ELEMENTS

- (51) **Klasse :** *B29B 17/02 (2006.01)*  
*B29K 105/06 (2006.01)*  
*C08J 11/14 (2006.01)*  
*C08L 101/00 (2006.01)*
- (87) **EP Publ.nr:** EP3527613
- (86) **EP søkn.nr:** 19156306.3
- (86) **EP innl.dag:** 2019.02.08
- (87) **EP publ.dag:** 2019.08.21
- (80) **EP meddelt :** 2021.07.07
- (30) **Prioritet:** 2018.02.14, FR, 1870165
- (73) **Innehaver:**  
Extractive, 28 Chemin De Montfaucon30150 Saint-Genies-De-Comolas, FR-Frankrike
- (72) **Oppfinner:**  
AMARAL DE OLIVEIRA, Vanessa, 178, Marcus Aurélio Homem88040440 Florianopolis, BR-Brasil  
GOETTMANN, Frédéric, 1 rue Sainte Anne84350 COURTHEZON, FR-Frankrike
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
METHOD FOR DECOMPOSITION OF A COMPOSITE  
MATERIAL WITH ORGANIC MATRIX REINFORCED BY  
FIBRES, AND APPARATUS FOR IMPLEMENTING SAME

- (51) **Klasse :** *B60P 7/08 (2006.01)*
- (87) **EP Publ.nr:** EP3693216
- (86) **EP søkn.nr:** 20152103.6
- (86) **EP innl.dag:** 2020.01.16
- (87) **EP publ.dag:** 2020.08.12
- (80) **EP meddelt :** 2021.10.13
- (30) **Prioritet:** 2019.02.06, DE, 102019102914  
2019.04.24, DE, 102019110559
- (73) **Innehaver:**  
Saygivar, Lisa Marie, Shore Road 104Rostrevor BT34 3AB, GB-Storbritannia  
Saygivar, Fiona Gabriella, Shore Road 104Rostrevor, Nord-Irland BT34 3AB, GB-Storbritannia  
Saygivar, Sharon Naomi, Shore Road 104Rostrevor, Nord-Irland BT34 3AB, GB-Storbritannia
- (72) **Oppfinner:**  
Saygivar, Lisa Marie, Shore Road 104Rostrevor BT34 3AB, GB-Storbritannia  
Saygivar, Fiona Gabriella, Shore Road 104Rostrevor, Nord-Irland BT34 3AB, GB-Storbritannia  
Saygivar, Sharon Naomi, Shore Road 104Rostrevor, Nord-Irland BT34 3AB, GB-Storbritannia
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
TENSION DEVICE FOR STRIPS

- (51) **Klasse :** *B61G 7/00 (2006.01)*
- (87) **EP Publ.nr:** EP3231685
- (86) **EP søkn.nr:** 16000818.1
- (86) **EP innl.dag:** 2016.04.11
- (87) **EP publ.dag:** 2017.10.18
- (80) **EP meddelt :** 2021.10.06
- (73) **Innehaver:**  
Dellner Couplers AB, Vikavägen 144791 95 Falun, SE-Sverige
- (72) **Oppfinner:**  
SHUTTLEWORTH, Gary, 2 Fernlea, Cheadle RoadAlton, Staffordshire St10 eBH, GB-Storbritannia  
BAILEY, Nigel, 20 CarmichaelLichfield, Staffordshire WS14 9YW, GB-Storbritannia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
PAD SUITABLE TO REDUCE THE ACCUMULATION OF  
SNOW ON A SURFACE OF A COUPLER-HEAD OF A  
TRAIN



(51) **Klasse :** **B62H 5/00 (2006.01)**  
**B60R 25/00 (2013.01)**  
**B62H 5/20 (2006.01)**  
**B62K 19/40 (2006.01)**  
**G08G 1/00 (2006.01)**  
**H04L 29/08 (2006.01)**  
**H04W 4/02 (2018.01)**  
**H04W 4/38 (2018.01)**

(87) **EP Publ.nr:** EP3393895  
(86) **EP søkn.nr:** 16879446.9  
(86) **EP innl.dag:** 2016.12.21  
(87) **EP publ.dag:** 2018.10.31  
(80) **EP meddelt :** 2021.07.14  
(30) **Prioritet:** 2015.12.22, NO, 20151780  
(86) **Int.inndag :** 2016.12.21  
(86) **Int.søknadsnr :** PCT/NO2016/050264  
(73) **Innehaver:**  
Bikefinder AS, Kvitsøygata 304014 StavangerNorge

(72) **Oppfinner:**  
ØLMHEIM, Ole Martin, Henrik Ibsens gate 8C4021 StavangerNorge  
BRODAHL, Erik, Jønningshagen 34316 SandnesNorge

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

(54) **Benevnelse:**  
TRACKING UNIT FOR A HUMAN-POWERED VEHICLE

(51) **Klasse :** **C02F 3/08 (2006.01)**

(87) **EP Publ.nr:** EP3713883  
(86) **EP søkn.nr:** 18792926.0  
(86) **EP innl.dag:** 2018.10.23  
(87) **EP publ.dag:** 2020.09.30  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2017.11.23, FR, 1761119  
(86) **Int.inndag :** 2018.10.23  
(86) **Int.søknadsnr :** PCT/EP2018/078951  
(73) **Innehaver:**  
Veolia Water Solutions & Technologies Support, L'Aquarène 1 Place Montgolfier94417 Saint-Maurice Cedex, FR-Frankrike

(72) **Oppfinner:**  
SAUVIGNET, Philippe, La Vigne35460 Saint Etienne en Cogles, FR-Frankrike  
MEUDAL, Nicolas, Langensandstrasse 106005 Luzern, CH-Sveits  
HERTFLEDER, Nikolai, Sonnenrain 1574592 Kirchberg And Des Jagst, DE-Tyskland  
INIAL, Goulven, Castorstraat 256846 XB Arnhem, NL-Nederland  
LINDEGAARD, Sophie, 6 avenue des Ailantes94100 Saint Maur Des Fosses, FR-Frankrike

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

(54) **Benevnelse:**  
SYSTEM FOR THE BIOLOGICAL TREATMENT OF WATER

(51) **Klasse :** **C03C 3/095 (2006.01)**  
**C03C 13/00 (2006.01)**

(87) **EP Publ.nr:** EP3022163  
(86) **EP søkn.nr:** 14748034.7  
(86) **EP innl.dag:** 2014.07.15  
(87) **EP publ.dag:** 2016.05.25  
(80) **EP meddelt :** 2021.07.07  
(30) **Prioritet:** 2013.07.15, US, 201361846266 P  
2014.07.08, US, 201414325854  
(86) **Int.inndag :** 2014.07.15  
(86) **Int.søknadsnr :** PCT/US2014/046637  
(73) **Innehaver:**  
Electric Glass Fiber America, LLC, 940 Washburn Switch RoadShelby, NC 28150, US-USA

(72) **Oppfinner:**  
LI, Hong, 1621 Norman DriveSewickley, Pennsylvania 15143, US-USA  
WESTBROOK, Paul A., 148 Courtland CourtLake Lure, North Carolina 28746, US-USA

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

(54) **Benevnelse:**  
GLASS COMPOSITIONS, FIBERIZABLE GLASS COMPOSITIONS, AND GLASS FIBERS MADE THEREFROM

(51) **Klasse :** **C04B 28/32 (2006.01)**  
**C04B 28/34 (2006.01)**  
**C04B 38/02 (2006.01)**

(87) **EP Publ.nr:** EP3743400  
(86) **EP søkn.nr:** 19703618.9  
(86) **EP innl.dag:** 2019.01.22  
(87) **EP publ.dag:** 2020.12.02  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2018.01.24, US, 201815879169  
(86) **Int.inndag :** 2019.01.22  
(86) **Int.søknadsnr :** PCT/US2019/014522  
(73) **Innehaver:**  
Saudi Arabian Oil Company, 1 Eastern AvenueDhahran 31311, SA-Saudi Arabia

(72) **Oppfinner:**  
REDDY, B. Raghava, Aramco Services Company 16300 Park RowHouston, Texas 77084, US-USA

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

(54) **Benevnelse:**  
SETTABLE, FORM-FILLING LOSS CIRCULATION CONTROL COMPOSITIONS COMPRISING IN SITU FOAMED NON-HYDRAULIC SOREL CEMENT SYSTEMS AND METHOD OF USE

- (51) **Klasse :** *C04B 35/48 (2006.01)*  
*C04B 35/486 (2006.01)*  
*C04B 35/495 (2006.01)*  
*C04B 35/645 (2006.01)*  
*H01M 6/18 (2006.01)*  
*H01M 10/052 (2010.01)*
- (87) **EP Publ.nr:** EP3055268  
(86) **EP søkn.nr:** 14852808.6  
(86) **EP innl.dag:** 2014.10.07  
(87) **EP publ.dag:** 2016.08.17  
(80) **EP meddelt :** 2021.09.01  
(30) **Prioritet:** 2013.10.07, US, 201361887451 P  
2014.01.13, US, 201461926910 P  
2014.06.04, US, 201462007417 P  
2014.07.18, US, 201462026271 P  
2014.07.18, US, 201462026440 P
- (86) **Int.inndag :** 2014.10.07  
(86) **Int.søknadsnr :** PCT/US2014/059575  
(73) **Innehaver:**  
QuantumScape Battery, Inc., 1730 Technology DriveSan Jose, CA 95110, US-USA
- (72) **Oppfinner:**  
HOLME, Timothy, 1730 Technology DriveSan Jose CA 95110, US-USA  
DONNELLY, Niall, 1730 Technology DriveSan Jose CA 95110, US-USA  
IYER, Sriram, 1730 Technology DriveSan Jose CA 95110, US-USA  
WINOTO, Adrian, 1730 Technology DriveSan Jose CA 95110, US-USA  
SINGH, Mohit, 1730 Technology DriveSan Jose CA 95110, US-USA  
HUDSON, Will, 1730 Technology DriveSan Jose CA 95110, US-USA  
CHOI, Dong Hee, 1730 Technology DriveSan Jose CA 95110, US-USA  
KARPENKO, Oleh, 1730 Technology DriveSan Jose CA 95110, US-USA  
KERMAN, Kian, 1730 Technology DriveSan Jose CA 95110, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
BILAYERS AND TRILAYERS COMPRISING LITHIUM-STUFFED GARNET FILMS AND A METHOD FOR SINTERING A THIN AN FREE STANDING LITHIUM-STUFFED GARNET FILM

- (51) **Klasse :** *C06B 47/02 (2006.01)*  
*C06D 5/08 (2006.01)*
- (87) **EP Publ.nr:** EP3766859  
(86) **EP søkn.nr:** 20183064.3  
(86) **EP innl.dag:** 2020.06.30  
(87) **EP publ.dag:** 2021.01.20  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2019.07.19, DE, 102019119598  
(73) **Innehaver:**  
Deutsches Zentrum für Luft- und Raumfahrt e.V., Linder Höhe51147 Köln, DE-Tyskland
- (72) **Oppfinner:**  
Lauck, Felix, Lerchenstr. 374177 Bad Friedrichshall, DE-Tyskland  
Negri, Michele, Brucknerstr. 674219 Möckmühl, DE-Tyskland  
Freudenmann, Dominic, Triebweg 2269412 Eberbach, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HYPERGOLIC DUAL FUEL SYSTEM FOR ROCKET ENGINES

- (51) **Klasse :** *C07D 207/27 (2006.01)*  
*A61P 25/08 (2006.01)*  
*C07D 207/26 (2006.01)*
- (87) **EP Publ.nr:** EP3371150  
(86) **EP søkn.nr:** 16787866.9  
(86) **EP innl.dag:** 2016.10.27  
(87) **EP publ.dag:** 2018.09.12  
(80) **EP meddelt :** 2021.08.18  
(30) **Prioritet:** 2015.11.03, EP, 15192760  
(86) **Int.inndag :** 2016.10.27  
(86) **Int.søknadsnr :** PCT/EP2016/075935  
(73) **Innehaver:**  
UCB Biopharma SRL, Allée de la Recherche 601070 Brussels, BE-Belgia
- (72) **Oppfinner:**  
DEFrance, Thierry, c/o UCB PHARMA S.A.60 Allée de la Recherche1070 Brussels, BE-Belgia  
SEPTAVAU, Jean, c/o Ecole Centrale de MarseilleTechnopôle de Château-Gombert 38Rue Frédéric Joliot Curie13451 Marseille Cedex 20, FR-Frankrike  
NUEL, Didier, c/o Ecole Centrale de MarseilleTechnopôle de Château-Gombert 38Rue Frédéric Joliot Curie13451 Marseille Cedex 20, FR-Frankrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
PROCESS FOR PREPARING BRIVARACETAM

- (51) **Klasse :** *C07D 209/48 (2006.01)*  
*A61K 31/4035 (2006.01)*  
*A61K 31/4439 (2006.01)*  
*A61P 37/02 (2006.01)*  
*C07D 209/49 (2006.01)*  
*C07D 209/56 (2006.01)*  
*C07D 401/08 (2006.01)*
- (87) **EP Publ.nr:** EP3590924  
(86) **EP søkn.nr:** 18761354.2  
(86) **EP innl.dag:** 2018.02.27  
(87) **EP publ.dag:** 2020.01.08  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2017.02.28, CN, 201710112364  
2017.08.22, CN, 201710725987
- (86) **Int.inndag :** 2018.02.27  
(86) **Int.søknadsnr :** PCT/CN2018/077324  
(73) **Innehaver:**  
Kangpu Biopharmaceuticals, Ltd., 780 Cailun Road, Suite 818 Zhangjiang Hi-Tech Park Pudong New AreaShanghai 201203, CN-Kina
- (72) **Oppfinner:**  
LEE, Wen-Cherng, 780 Cailun Road, Suite 818,Zhangjiang Hi-Tech ParkPudong New AreaShanghai 201203, CN-Kina  
LIAO, Baisong, 780 Cailun Road, Suite 818,Zhangjiang Hi-Tech ParkPudong New AreaShanghai 201203, CN-Kina  
ZHANG, Lei, 780 Cailun Road, Suite 818,Zhangjiang Hi-Tech ParkPudong New AreaShanghai 201203, CN-Kina
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
NOVEL ISOINDOLINE DERIVATIVE, AND PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF

- (51) **Klasse :** C07D 213/81 (2006.01)  
A61K 31/4418 (2006.01)  
A61P 9/00 (2006.01)  
A61P 19/00 (2006.01)  
A61P 27/02 (2006.01)  
A61P 35/00 (2006.01)  
A61P 43/00 (2006.01)  
C07D 213/79 (2006.01)  
C07D 213/803 (2006.01)
- (87) **EP Publ.nr:** EP3683209  
(86) **EP søkn.nr:** 19214405.3  
(86) **EP innl.dag:** 2012.06.05  
(87) **EP publ.dag:** 2020.07.22  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2011.06.06, US, 201161493536 P  
(73) **Innehaver:**  
Akebia Therapeutics Inc., 245 First Street, Suite  
1100Cambridge, MA 02142, US-USA
- (72) **Oppfinner:**  
LANTHIER, Christopher, M., 3326 Aberdeen  
AvenueBurlington, Ontario L7M 3YA, CA-Canada  
GORIN, Boris, 2313 Grand Ravine DriveOakville, Ontario  
L6H 6A8, CA-Canada  
OUDENES, Jan, 12 Woodsend CrescentAurora, Ontario  
L4G 6W6, CA-Canada  
DIXON, Craig, Edward, 30 Corvinelli DriveBrooklin, Ontario  
L1M 0G7, CA-Canada  
LU, Alan, Qingbo, 5120 Oscar Peterson Blvd.Mississauga,  
Ontario L5M 7W4, CA-Canada  
COPP, James, Densmore, 3270 Cherokee  
CircleBargersville, IN 46106, US-USA  
JANUSZ, John, Michael, 7385 Desert Springs CourtWest  
Chester, OH 45069, US-USA
- (74) **Fullmektig:**  
Akebia Therapeutics Inc., 245 First Street, Suite 1100,  
MA02142 CAMBRIDGE, USA
- (54) **Benevnelse:**  
PROCESS FOR PREPARING [(5-(3-CHLOROPHENYL)-3-  
HYDROXYPYRIDINE-2-CARBONYL)-AMINO]ACETIC  
ACID FROM 5-((3-CHLOROPHENYL)-3-CHLORO-  
PYRIDIN-2-YL)-NITRILE, AND PROCESS FOR  
PREPARING 5-((HALOPHENYL)-3-HALO-PYRIDIN-2-YL)-  
NITRILE DERIVATIVES

- (51) **Klasse :** C07D 231/40 (2006.01)  
A61K 31/4155 (2006.01)  
A61P 9/00 (2006.01)  
C07D 231/44 (2006.01)  
C07D 231/50 (2006.01)  
C07D 413/12 (2006.01)  
C07D 417/12 (2006.01)  
C07D 487/04 (2006.01)  
C07D 498/04 (2006.01)
- (87) **EP Publ.nr:** EP3670499  
(86) **EP søkn.nr:** 19199606.5  
(86) **EP innl.dag:** 2016.05.03  
(87) **EP publ.dag:** 2020.06.24  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2015.05.04, US, 201562156424 P  
(73) **Innehaver:**  
Astrazeneca AB, 151 85 Södertälje, SE-Sverige
- (72) **Oppfinner:**  
BRODEFALK, Johan Olof, AstraZenecaSE-431 83  
Mölnadal, SE-Sverige  
EMTENÄS, Hans Fredrik, AstraZenecaSE-431 83 Mölnadal,  
SE-Sverige  
GRANBERG, Kenneth, Lars, AstraZenecaSE-431 83  
Mölnadal, SE-Sverige  
LEMURELL, Malin, Anita, AstraZenecaSE-431 83 Mölnadal,  
SE-Sverige  
PETTERSEN, Daniel, Tor, AstraZenecaSE-431 83  
Mölnadal, SE-Sverige  
PLOWRIGHT, Alleyn, Thomas, AstraZenecaSE-431 83  
Mölnadal, SE-Sverige  
ULANDER, Lars Johan, Andreas, AstraZenecaSE-431 83  
Mölnadal, SE-Sverige
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
PYRAZOLE DERIVATIVES USEFUL AS 5-  
LIPOXYGENASE ACTIVATING PROTEIN (FLAP)  
INHIBITORS

- (51) **Klasse :** C07D 471/04 (2006.01)  
A61K 31/437 (2006.01)  
A61K 31/519 (2006.01)  
A61P 31/16 (2006.01)  
C07D 487/04 (2006.01)
- (87) **EP Publ.nr:** EP3400225  
(86) **EP søkn.nr:** 17700614.5  
(86) **EP innl.dag:** 2017.01.05  
(87) **EP publ.dag:** 2018.11.14  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2016.01.07, EP, 16150457  
(86) **Int.inndag :** 2017.01.05  
(86) **Int.søknadsnr :** PCT/EP2017/050175  
(73) **Innehaver:**  
Janssen Sciences Ireland Unlimited Company, Barnahely  
RingaskiddyCo Cork, IE-Irland
- (72) **Oppfinner:**  
GUILLEMONT, Jérôme, Émile, Georges, 92787 Issy-les-  
Moulineaux Cedex 9, FR-Frankrike  
BALEMANS, Wendy, Mia, Albert, 2340 Beerse, BE-Belgia  
MC GOWAN, David, Craig, 2340 Beerse, BE-Belgia  
MOTTE, Magali, Madeleine, Simone, 92787 Issy-les-  
Moulineaux Cedex 9, FR-Frankrike  
LANÇOIS, David, Francis, Alain, 92787 Issy-les-  
Moulineaux Cedex 9, FR-Frankrike  
LAMBERT, Emilie, Marie, 92787 Issy-les-Moulineaux  
Cedex 9, FR-Frankrike
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
PENTANOIC ACIDS SUBSTITUTED BY PYRROLO-[2-  
3,B]PYRIMIDINE-PYRIDINES FOR THE TREATMENT OF  
INFLUENZA VIRAL INFECTIONS

(51) **Klasse :** C07D 471/04 (2006.01)  
A61K 31/437 (2006.01)  
A61P 35/00 (2006.01)  
C07D 487/04 (2006.01)  
C07D 498/04 (2006.01)

(87) **EP Publ.nr:** EP3539961

(86) **EP søkn.nr:** 19165726.1

(86) **EP innl.dag:** 2016.06.27

(87) **EP publ.dag:** 2019.09.18

(80) **EP meddelt :** 2021.10.06

(30) **Prioritet:** 2015.06.29, US, 201562185852 P

(73) **Innehaver:**  
Astrazeneca AB, 151 85 Södertälje, SE-Sverige

(72) **Oppfinner:**  
PIKE, Kurt, Gordon, AstraZeneca, Darwin Building,  
Cambridge SciencePark Milton RoadCambridge, CB4  
0WG, GB-Storbritannia  
BARLAAM, Bernard, Christophe, AstraZeneca, Alderley  
ParkMacclesfield, Cheshire SK10 4TG, GB-Storbritannia  
HAWKINS, Janet, AstraZeneca, Alderley Park  
CheshireMacclesfield, Cheshire SK10 4TG, GB-  
Storbritannia  
DE SAVI, Christopher, AstraZeneca35 Gatehouse  
DriveWaltham, Massachusetts 02451, US-USA  
VASBINDER, Melissa Marie, AstraZeneca 35 Gatehouse  
DriveWaltham, MA 02451, US-USA  
HIRD, Alexander, AstraZeneca 35 Gatehouse  
DriveWaltham, Massachusetts 02451, US-USA  
LAMB, Michelle, AstraZeneca 35 Gatehouse  
DriveWaltham, Massachusetts 02451, US-USA

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

(54) **Benevnelse:**  
POLYCYCLIC AMIDE DERIVATIVES AS CDK9  
INHIBITORS

(51) **Klasse :** C07D 487/04 (2006.01)  
A61K 31/519 (2006.01)  
A61P 15/00 (2006.01)

(87) **EP Publ.nr:** EP3539545

(86) **EP søkn.nr:** 17869463.4

(86) **EP innl.dag:** 2017.11.13

(87) **EP publ.dag:** 2019.09.18

(80) **EP meddelt :** 2021.08.11

(30) **Prioritet:** 2016.11.14, CN, 201610999743

(86) **Int.inndag :** 2017.11.13

(86) **Int.søknadsnr :** PCT/CN2017/110685

(73) **Innehaver:**  
Jiangsu Hengrui Medicine Co., Ltd., No. 7 Kunlunshan  
Road Economic and Technological Development Zone  
LianyungangJiangsu 222047, CN-Kina  
Suncadia Pharmaceuticals Co., Ltd, B4-903 Tianfu Life  
Sciences Park No.88 Keyuan South Road High-Tech  
ZoneChengdu, Sichuan 610000, CN-Kina

(72) **Oppfinner:**  
ZHANG, Quanliang, No.7 Kunlunshan RoadEconomic and  
Technological Development ZoneLianyungangJiangsu  
222047, CN-Kina  
JIA, Junlei, No.7 Kunlunshan RoadEconomic and  
Technological Development ZoneLianyungangJiangsu  
222047, CN-Kina  
BIAN, Lin, No.7 Kunlunshan RoadEconomic and  
Technological Development ZoneLianyungangJiangsu  
222047, CN-Kina  
GAO, Xiaohui, No.7 Kunlunshan RoadEconomic and  
Technological Development ZoneLianyungangJiangsu  
222047, CN-Kina

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

(54) **Benevnelse:**  
CRYSTALLINE FORM OF GNRH RECEPTOR  
ANTAGONIST AND PREPARATION METHOD  
THEREFOR

- (51) **Klasse :** C07D 487/04 (2006.01)  
A61K 31/4985 (2006.01)  
A61P 19/08 (2006.01)  
A61P 29/00 (2006.01)  
A61P 31/00 (2006.01)  
A61P 35/00 (2006.01)  
A61P 37/00 (2006.01)  
C07D 519/00 (2006.01)
- (87) **EP Publ.nr:** EP3689878  
(86) **EP søkn.nr:** 19215783.2  
(86) **EP innl.dag:** 2012.07.11  
(87) **EP publ.dag:** 2020.08.05  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2011.07.19, EP, 11174578  
2011.07.19, US, 201161509397 P
- (73) **Innehaver:**  
Merck Sharp & Dohme B.V., Waarderweg 392031 BN  
Haarlem, NL-Nederland
- (72) **Oppfinner:**  
BARF, Tjeerd A., St. Luciastraat 75371 AS Ravenstein, NL-  
Nederland  
JANS, Christiaan Gerardus Johannes Maria, Heggerank  
1345342 CC Cuijk, NL-Nederland  
de MAN, Adrianus Petrus Antonius, N.V. OrganonH.W. Van  
Heelstraat 45327 AH Hurwenen, NL-Nederland  
OUBRIE, Arthur A., Saltshof 11066604 EB Wijchen, NL-  
Nederland  
RAAIJMAKERS, Hans C.A., Eikakkerhoven 265242 KK  
Eindhoven, NL-Nederland  
REWINKEL, Johannes Bernardus Maria, Molenweg  
165351 EV Berghem, NL-Nederland  
STERRENBURG, Jan-Gerard, Grote Omloop 186871 TE  
Renkum, NL-Nederland  
WIJKMANS, Jacobus C.H.M., N.V. OrganonOSS5345 LR  
Hurwenen, NL-Nederland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
4-IMIDAZOPYRIDAZIN-1-YL-BENZAMIDES AND 4-  
IMIDAZOTRIAZIN-1-YL-BENZAMIDES AS BTK-  
INHIBITORS

- (51) **Klasse :** C07G 1/00 (2011.01)  
C08H 7/00 (2011.01)  
C08L 97/00 (2006.01)  
C08L 97/02 (2006.01)  
C10L 1/02 (2006.01)  
C10M 107/20 (2006.01)  
C11C 3/00 (2006.01)
- (87) **EP Publ.nr:** EP3083652  
(86) **EP søkn.nr:** 14870806.8  
(86) **EP innl.dag:** 2014.12.16  
(87) **EP publ.dag:** 2016.10.26  
(80) **EP meddelt :** 2021.08.11  
(30) **Prioritet:** 2013.12.16, SE, 1351508  
2014.06.19, SE, 1450764  
2014.11.03, SE, 1451310
- (86) **Int.inndag :** 2014.12.16  
(86) **Int.søknadsnr :** PCT/SE2014/051507
- (73) **Innehaver:**  
Ren Fuel K2B AB, Box 5845102 48 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
SAMEC, Joseph, Föllingebacken 25S-163 67 Spånga, SE-  
Sverige  
LÖFSTEDT, Joakim, S:t Persgatan 27S-753 29 Uppsala,  
SE-Sverige  
DAHLSTRAND, Christian, Dimgatan 29S-754 31 Uppsala,  
SE-Sverige  
OREBOM, Alexander, Bergslagsresan 68S-757 55  
Uppsala, SE-Sverige  
SAWADJOON, Supaporn, Tunagatan 5aS-75337 Uppsala,  
SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITION COMPRISING ESTERS OF LIGNIN AND  
OIL OR FATTY ACIDS

- (51) **Klasse :** C07K 7/52 (2006.01)  
A61P 1/00 (2006.01)  
A61P 29/00 (2006.01)  
A61P 37/06 (2006.01)  
A61K 38/00 (2006.01)
- (87) **EP Publ.nr:** EP3538542  
(86) **EP søkn.nr:** 17870529.9  
(86) **EP innl.dag:** 2017.11.10  
(87) **EP publ.dag:** 2019.09.18  
(80) **EP meddelt :** 2021.08.04  
(30) **Prioritet:** 2016.11.11, US, 201662421117 P  
(86) **Int.inndag :** 2017.11.10  
(86) **Int.søknadsnr :** PCT/CA2017/000244
- (73) **Innehaver:**  
Zealand Pharma A/S, Sydmarken 112860 Søborg, DK-  
Danmark
- (72) **Oppfinner:**  
MORSHED, Monzur, M., 2400 Yeovil RoadMississauga,  
Ontario L5J 2E9, CA-Canada  
CHAKKA, Sai, Kumar, 16644 14 AVE SWEdmonton,  
Alberta T6W 3C3, CA-Canada  
HICKEY, Jennifer, L., 1326 Pape AvenueToronto, Ontario  
M4K 3X2, CA-Canada  
VAZQUEZ, Manuel Perez, 1151 Davis LaneMilton, Ontario  
L9T 5R1, CA-Canada  
ROUGHTON, Andrew, 35 Port Hope St. NorthPort Hope,  
Ontario L1A 2N4, CA-Canada  
KAFAL, Adam Paul, 63 Ellsworth AvenueToronto, Ontario  
M6G 2K4, CA-Canada  
PATEL, Narendrakumar B., 21 Beachsurf RoadBrampton,  
On L6R 2R4, CA-Canada
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
CYCLIC PEPTIDES MULTIMERS TARGETING ALPHA  
4BETA 7 INTEGRIN

(51) **Klasse :** C07K 16/28 (2006.01)  
 (87) **EP Publ.nr:** EP3097119  
 (86) **EP søkn.nr:** 15703187.3  
 (86) **EP innl.dag:** 2015.01.23  
 (87) **EP publ.dag:** 2016.11.30  
 (80) **EP meddelt :** 2021.08.25  
 (30) **Prioritet:** 2014.01.23, US, 201461930576 P  
 2014.06.19, US, 201462014181 P  
 (86) **Int.inndag :** 2015.01.23  
 (86) **Int.søknadsnr :** PCT/US2015/012589  
 (73) **Innehaver:**  
 Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River  
 RoadTarrytown, NY 10591, US-USA  
 (72) **Oppfinner:**  
 PAPADOPOULOS, Nicholas, J., c/o Regeneron  
 Pharmaceuticals Inc.777 Old Saw Mill River  
 RoadTarrytown, NY 10591, US-USA  
 MURPHY, Andrew, J., c/o Regeneron Pharmaceuticals  
 Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-  
 USA  
 THURSTON, Gavin, c/o Regeneron Pharmaceuticals  
 Inc.777 Old Saw Mill River RoadTarrytown, NY 10591, US-  
 USA  
 IOFFE, Ella, c/o Regeneron Pharmaceuticals Inc.777 Old  
 Saw Mill River RoadTarrytown, NY 10591, US-USA  
 BUROVA, Elena, c/o Regeneron Pharmaceuticals Inc.777  
 Old Saw Mill River RoadTarrytown, NY 10591, US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 HUMAN ANTIBODIES TO PD-1

(51) **Klasse :** C07K 16/32 (2006.01)  
 A61K 31/00 (2006.01)  
 A61K 39/395 (2006.01)  
 A61P 35/00 (2006.01)  
 (87) **EP Publ.nr:** EP3818086  
 (86) **EP søkn.nr:** 20780572.2  
 (86) **EP innl.dag:** 2020.09.10  
 (87) **EP publ.dag:** 2021.05.12  
 (80) **EP meddelt :** 2021.08.04  
 (30) **Prioritet:** 2019.09.11, GB, 201913079  
 (86) **Int.inndag :** 2020.09.10  
 (86) **Int.søknadsnr :** PCT/EP2020/075319  
 (73) **Innehaver:**  
 Hummingbird Bioscience Holdings Limited, 51 Science  
 Park Rd, The Aries, No.04-01/11,Singapore 117586, SG-  
 Singapore  
 (72) **Oppfinner:**  
 BOYD-KIRKUP, Jerome Douglas, c/o Hummingbird  
 Bioscience Holdings Pte. Ltd.1 Research Link, No. 05-  
 37Singapore 117604, SG-Singapore  
 GUAN, Siyu, c/o Hummingbird Bioscience Holdings Pte.  
 Ltd.1 Research Link, No. 05-37117604 Singapore, SG-  
 Singapore  
 INGRAM, Piers, c/o Hummingbird Bioscience Holdings Pte.  
 Ltd.1 Research Link, No. 05-37117604 Singapore, SG-  
 Singapore  
 PASZKIEWICZ, Konrad, c/o Hummingbird Bioscience  
 Holdings Pte. Ltd.1 Research Link, No. 05-37117604  
 Singapore, SG-Singapore  
 SANCENON, Vicente, c/o Hummingbird Bioscience  
 Holdings Pte. Ltd.1 Research Link, No. 05-37117604  
 Singapore, SG-Singapore  
 THAKKAR, Dipti, c/o Hummingbird Bioscience Holdings  
 Pte. Ltd.1 Research Link, No. 05-37117604 Singapore, SG-  
 Singapore  
 WU, Zhihao, c/o Hummingbird Bioscience Holdings Pte.  
 Ltd.1 Research Link, No. 05-37117604 Singapore, SG-  
 Singapore  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 TREATMENT AND PREVENTION OF CANCER USING  
 HER3 ANTIGEN-BINDING MOLECULES

(51) **Klasse :** C08L 95/00 (2006.01)  
 C08K 5/05 (2006.01)  
 C08K 5/09 (2006.01)  
 (87) **EP Publ.nr:** EP3681953  
 (86) **EP søkn.nr:** 18778388.1  
 (86) **EP innl.dag:** 2018.09.13  
 (87) **EP publ.dag:** 2020.07.22  
 (80) **EP meddelt :** 2021.07.14  
 (30) **Prioritet:** 2017.09.13, DE, 102017008589  
 (86) **Int.inndag :** 2018.09.13  
 (86) **Int.søknadsnr :** PCT/EP2018/074737  
 (73) **Innehaver:**  
 J. Rettenmaier & Söhne GmbH + Co. KG, Holzmühle  
 173494 Rosenberg, DE-Tyskland  
 (72) **Oppfinner:**  
 GÜNTNER, Roland, Scheffelstraße 573479 Ellwangen,  
 DE-Tyskland  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 BITUMEN-BASED MATERIAL

- (51) **Klasse :** C10L 1/18 (2006.01)  
C10L 1/185 (2006.01)  
C10L 1/19 (2006.01)  
C10L 10/10 (2006.01)
- (87) **EP Publ.nr:** EP3320059  
(86) **EP søkn.nr:** 16741677.5  
(86) **EP innl.dag:** 2016.07.05  
(87) **EP publ.dag:** 2018.05.16  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2015.07.06, WO, PCT/IB15/001131  
(86) **Int.inndag :** 2016.07.05  
(86) **Int.søknadsnr :** PCT/IB2016/000959  
(73) **Innehaver:**  
Rhodia Poliamida e Especialidades S.A., Av. Maria Coelho Aguiar, 215 - Bloco B - 1º andar Parte 1 - Jardim Sao LuizSao Paulo - SP, BR-Brasil
- (72) **Oppfinner:**  
NICOLAS, Sébastien, 28 Sweetpool LaneHagleyWest Midlands DY8 2XE, GB-Storbritannia  
GRIGOLETTO, Fernanda, Rua Padre Vieira 108013015-0301Campinas - São Paulo, BR-Brasil  
MARTINS, Sergio, Rua Ernani Paulino 211Bairro Cidade Universitária13083-070 Campinas - São Paulo, BR-Brasil
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
GASOLINE COMPOSITIONS WITH IMPROVED OCTANE NUMBER

- (51) **Klasse :** C12M 1/18 (2006.01)
- (87) **EP Publ.nr:** EP2440649  
(86) **EP søkn.nr:** 10725106.8  
(86) **EP innl.dag:** 2010.06.10  
(87) **EP publ.dag:** 2012.04.18  
(80) **EP meddelt :** 2021.08.11  
(30) **Prioritet:** 2009.06.10, EP, 09007703  
(86) **Int.inndag :** 2010.06.10  
(86) **Int.søknadsnr :** PCT/EP2010/058136  
(73) **Innehaver:**  
Universität Zürich, Rämistrasse 718006 Zürich, CH-Sveits
- (72) **Oppfinner:**  
KUGELMEIER, Patrick, Roswiesstrasse 3CH - 8125 Zollikerberg, CH-Sveits  
LEHMANN, Roger, Rotbuchstrasse 43CH-8037 Zürich, CH-Sveits  
MORITZ, Wolfgang, Obstgartenstrasse 32CH-8303 Bassersdorf, CH-Sveits  
ZUELLIG, Richard, Scheuchzerstrasse 22CH-8006 Zürich, CH-Sveits
- (74) **Fullmektig:**  
Universität Zürich, Rämistrasse 71, 8006 ZÜRICH, Sveits
- (54) **Benevnelse:**  
DEVICE FOR THE PRODUCTION OF CELL CLUSTERS OF DEFINED CELL NUMBERS AND CLUSTER SIZES

- (51) **Klasse :** C12N 1/16 (2006.01)  
A23L 33/14 (2016.01)  
C12G 1/022 (2006.01)  
C12R 1/85 (2006.01)
- (87) **EP Publ.nr:** EP3622051  
(86) **EP søkn.nr:** 18731172.5  
(86) **EP innl.dag:** 2018.05.11  
(87) **EP publ.dag:** 2020.03.18  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2017.05.11, IT, 201700051113  
(86) **Int.inndag :** 2018.05.11  
(86) **Int.søknadsnr :** PCT/IB2018/053290  
(73) **Innehaver:**  
Bioenologia 2.0 S.R.L., Via G. Verdi 3231046 Oderzo (TV), IT-Italia
- (72) **Oppfinner:**  
POLO, Maurizio, Via Bornia 2131043 Fontanelle (TV), IT-Italia
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
A STRAIN OF YEAST SACCHAROMYCES BAYANUS

- (51) **Klasse :** C12N 15/52 (2006.01)  
C12P 7/24 (2006.01)
- (87) **EP Publ.nr:** EP3158069  
(86) **EP søkn.nr:** 15728895.2  
(86) **EP innl.dag:** 2015.06.17  
(87) **EP publ.dag:** 2017.04.26  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2014.06.18, EP, 14305936  
(86) **Int.inndag :** 2015.06.17  
(86) **Int.søknadsnr :** PCT/EP2015/063590  
(73) **Innehaver:**  
Rhodia Operations, 52, rue de la Haie Coq93300 Aubervilliers, FR-Frankrike
- (72) **Oppfinner:**  
RAMAEN, Odile, 32 chemin de l'Orme AiguF-78660 Ablis, FR-Frankrike  
PANDJAITAN, Rudy, 15 rue Henri RegnaultF-94700 Maisons-Alfort, FR-Frankrike  
GELO-PUJIC, Mirjana, 66 rue des FleursF-69360 Serezin-Sur-Rhone, FR-Frankrike
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
IMPROVED SELECTIVITY OF THE PRODUCTION OF VANILLOIDS IN A RECOMBINANT UNICELLULAR HOST

(51) **Klasse :** *E01C 3/00 (2006.01)*  
*E01C 5/08 (2006.01)*  
*E01C 7/14 (2006.01)*  
*E01C 9/00 (2006.01)*  
*E01C 11/18 (2006.01)*  
*E01C 13/02 (2006.01)*

(87) **EP Publ.nr:** EP3543400  
(86) **EP søkn.nr:** 19161738.0  
(86) **EP innl.dag:** 2019.03.08  
(87) **EP publ.dag:** 2019.09.25  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2018.03.14, US, 201815921090  
(73) **Innehaver:**  
Dawson Holdings, L.L.C., 6326 Highland Rd.Baton Rouge,  
LA 70808, US-USA

(72) **Oppfinner:**  
DAWSON, Charles, 6326 Highland RdBaton Rouge, LA  
70808, US-USA

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

(54) **Benevnelse:**  
METHOD OF PRODUCING A GROUND STABILIZATION  
PAD

(51) **Klasse :** *E02B 17/00 (2006.01)*  
*B63B 21/50 (2006.01)*  
*B63B 27/30 (2006.01)*  
*B63B 35/00 (2020.01)*  
*B63B 35/44 (2006.01)*  
*B63B 75/00 (2020.01)*  
*F03D 13/10 (2016.01)*  
*F03D 13/25 (2016.01)*

(87) **EP Publ.nr:** EP3526411  
(86) **EP søkn.nr:** 18854180.9  
(86) **EP innl.dag:** 2018.08.03  
(87) **EP publ.dag:** 2019.08.21  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2017.09.05, US, 201715695802  
(86) **Int.inndag :** 2018.08.03  
(86) **Int.søknadsnr :** PCT/US2018/045193  
(73) **Innehaver:**  
SOFEC, Inc., 15011 Katy Freeway, Suite 500Houston, TX  
77094, US-USA

(72) **Oppfinner:**  
LINDBLADE, Stephen P., 14936 Blinka Rd.Waller, Texas  
77484, US-USA  
NATARAJAN, Ananth, 1150 W. 22nd St.Houston, Texas  
77008, US-USA

(74) **Fullmektig:**  
Cosmovici Intellectual Property, Rue du Commerce 4, 1204  
GENÈVE, Sveits

(54) **Benevnelse:**  
OFFSHORE STRUCTURE MATING SYSTEM AND  
INSTALLATION METHOD

(51) **Klasse :** *E04B 2/96 (2006.01)*  
*E06B 3/96 (2006.01)*  
*E06B 3/964 (2006.01)*  
*E06B 3/968 (2006.01)*  
*E06B 3/988 (2006.01)*

(87) **EP Publ.nr:** EP3162972  
(86) **EP søkn.nr:** 15461573.6  
(86) **EP innl.dag:** 2015.10.30  
(87) **EP publ.dag:** 2017.05.03  
(80) **EP meddelt :** 2021.06.30  
(73) **Innehaver:**  
Hydro Building Systems Poland Sp. z o.o., ul. Graniczna  
6093-428 Lodz, PL-Polen

(72) **Oppfinner:**  
Buchnajzer, Mariusz, P.O. Box 93-030Czyzemin, PL-  
Polen  
Wyszkowski, Rafal, P.O. Box 01-908Warszawa, PL-Polen

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

(54) **Benevnelse:**  
METAL CONNECTOR FOR CONNECTING WITH METAL  
PROFILE

(51) **Klasse :** *E04F 15/02 (2006.01)*  
*E04F 11/02 (2006.01)*  
*E04F 11/035 (2006.01)*  
*E04F 15/024 (2006.01)*  
*E04F 15/04 (2006.01)*  
*E04F 15/08 (2006.01)*  
*E04F 15/10 (2006.01)*  
*E04F 15/12 (2006.01)*

(87) **EP Publ.nr:** EP3553251  
(86) **EP søkn.nr:** 19167153.6  
(86) **EP innl.dag:** 2019.04.03  
(87) **EP publ.dag:** 2019.10.16  
(80) **EP meddelt :** 2021.08.11  
(30) **Prioritet:** 2018.04.10, NL, 2020738  
(73) **Innehaver:**  
Staco Holding B.V., Molenweg 15953 JR Reuver, NL-  
Nederland

(72) **Oppfinner:**  
Simons, Tony Petrus Elisabeth, Heikamp 46071 AT  
Swalmen, NL-Nederland

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

(54) **Benevnelse:**  
ASSEMBLY AS WELL AS A SUPPORTING STRUCTURE  
AND A PROFILE FOR SUCH AN ASSEMBLY



- (51) **Klasse :** *E04G 27/00 (2006.01)*  
*A62B 35/00 (2006.01)*  
*E04B 5/38 (2006.01)*  
*E04G 21/32 (2006.01)*
- (87) **EP Publ.nr:** EP3679206  
(86) **EP søkn.nr:** 18773935.4  
(86) **EP innl.dag:** 2018.09.07  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2017.09.08, DE, 102017008481  
(86) **Int.inndag :** 2018.09.07  
(86) **Int.søknadsnr :** PCT/EP2018/000428  
(73) **Innehaver:**  
Saygivar, Fiona Gabriella, Shore Road 104Rostrevor,  
Nord-Irland BT34 3AB, GB-Storbritannia  
Saygivar, Sharon Naomi, Shore Road 104Rostrevor, Nord-  
Ireland BT34 3AB, GB-Storbritannia  
Saygivar, Lisa Marie, Shore Road 104Rostrevor BT34 3AB,  
GB-Storbritannia  
(72) **Oppfinner:**  
Saygivar, Fiona Gabriella, Shore Road 104Rostrevor,  
Nord-Irland BT34 3AB, GB-Storbritannia  
Saygivar, Sharon Naomi, Shore Road 104Rostrevor, Nord-  
Ireland BT34 3AB, GB-Storbritannia  
Saygivar, Lisa Marie, Shore Road 104Rostrevor BT34 3AB,  
GB-Storbritannia  
(74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia  
(54) **Benevnelse:**  
ANTI-FALL SAFEGUARD WITH SUPPORTING BASE

- (51) **Klasse :** *E04H 12/18 (2006.01)*  
*A01M 31/02 (2006.01)*  
*E04H 1/12 (2006.01)*
- (87) **EP Publ.nr:** EP3555391  
(86) **EP søkn.nr:** 17784998.1  
(86) **EP innl.dag:** 2017.09.18  
(87) **EP publ.dag:** 2019.10.23  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2016.12.16, IT, 201600127442  
(86) **Int.inndag :** 2017.09.18  
(86) **Int.søknadsnr :** PCT/IB2017/001248  
(73) **Innehaver:**  
R.I. S.p.A. Modular Building System, Via Surbo 3873019  
Trepuzzi (LE), IT-Italia  
(72) **Oppfinner:**  
TAFURO, Salvatore, 73019 Trepuzzi (LE), IT-Italia  
TAFURO, Cosimo, 73100 Lecce (LE), IT-Italia  
(74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark  
(54) **Benevnelse:**  
PORTABLE MULTI-FUNCTIONAL SYSTEM AND  
REALIZATION METHOD THEREOF

- (51) **Klasse :** *E21B 17/04 (2006.01)*  
*E21B 10/32 (2006.01)*  
*E21B 10/633 (2006.01)*
- (87) **EP Publ.nr:** EP3517725  
(86) **EP søkn.nr:** 16916796.2  
(86) **EP innl.dag:** 2016.09.23  
(87) **EP publ.dag:** 2019.07.31  
(80) **EP meddelt :** 2021.07.28  
(86) **Int.inndag :** 2016.09.23  
(86) **Int.søknadsnr :** PCT/JP2016/078016  
(73) **Innehaver:**  
MMC RYOTEC CORPORATION, 1528 Yokoi  
Nakashinden, Godo-cho Anpachi-gunGifu 503-2301, JP-  
Japan  
(72) **Oppfinner:**  
NAKAMURA Kazuyoshi, c/o Rock Drilling Tools  
DivisionMMC RYOTEC CORPORATION1528  
YokoinakashindenGodo-choAnpachi-gunGifu 503-2301,  
JP-Japan  
TAKATSUKI Hiroki, c/o Rock Drilling Tools DivisionMMC  
RYOTEC CORPORATION1528 YokoinakashindenGodo-  
choAnpachi-gunGifu 503-2301, JP-Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
DRILLING TOOL

- (51) **Klasse :** *E21B 23/01 (2006.01)*  
*E21B 23/04 (2006.01)*  
*E21B 29/00 (2006.01)*
- (87) **EP Publ.nr:** EP3679220  
(86) **EP søkn.nr:** 18778639.7  
(86) **EP innl.dag:** 2018.08.30  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2021.08.04  
(30) **Prioritet:** 2017.09.08, US, 201715699592  
(86) **Int.inndag :** 2018.08.30  
(86) **Int.søknadsnr :** PCT/US2018/048854  
(73) **Innehaver:**  
Weatherford Technology Holdings, LLC, 2000, St. James  
PlaceHouston, TX 77056, US-USA  
(72) **Oppfinner:**  
SCRUGGS, Justin R., 11909 Spencer RoadHouston, TX  
77041, US-USA  
(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge  
(54) **Benevnelse:**  
WELL TOOL ANCHOR AND ASSOCIATED METHODS

- (51) **Klasse :** *E21B 33/035 (2006.01)*  
*E21B 33/076 (2006.01)*  
*E21B 34/16 (2006.01)*  
*E21B 43/12 (2006.01)*
- (87) **EP Publ.nr:** EP3017139  
(86) **EP søkn.nr:** 14739651.9  
(86) **EP innl.dag:** 2014.06.24  
(87) **EP publ.dag:** 2016.05.11  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2013.06.24, US, 201361838649 P  
(86) **Int.inndag :** 2014.06.24  
(86) **Int.søknadsnr :** PCT/US2014/043928  
(73) **Innehaver:**  
Helix Energy Solutions Group, Inc., 3505 W Sam Houston Parkway North, Suite 400 Houston, TX 77043, US-USA
- (72) **Oppfinner:**  
BROCK, Steven, c/o Helix Energy Solutions Group Inc.400 N Sam Houston Parkway EHouston, TX 77060, US-USA  
JOHNSTON, Colin, c/o Helix Energy Solutions Group Inc.400 N Sam Houston Parkway EHouston, TX 77060, US-USA
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
SUBSEA INTERVENTION SYSTEM

- (51) **Klasse :** *E21B 36/00 (2006.01)*  
*E21B 33/13 (2006.01)*  
*E21B 33/134 (2006.01)*
- (87) **EP Publ.nr:** EP3464802  
(86) **EP søkn.nr:** 17727312.5  
(86) **EP innl.dag:** 2017.05.24  
(87) **EP publ.dag:** 2019.04.10  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2016.05.24, GB, 201609137  
2016.08.19, GB, 201614227
- (86) **Int.inndag :** 2017.05.24  
(86) **Int.søknadsnr :** PCT/GB2017/051457  
(73) **Innehaver:**  
BiSN Tec Limited, 713 Cavendish Avenue Birchwood Warrington, Cheshire WA3 6DE, GB-Storbritannia
- (72) **Oppfinner:**  
CARRAGHER, Paul, c/o 713 Cavendish Avenue Birchwood, Warrington Cheshire WA3 6DE, GB-Storbritannia  
BEDOUE, Sylvain, c/o 713 Cavendish Avenue Birchwood, Warrington Cheshire WA3 6DE, GB-Storbritannia
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
DOWN-HOLE CHEMICAL HEATER AND METHODS OF OPERATING SUCH

- (51) **Klasse :** *F03D 5/00 (2006.01)*
- (87) **EP Publ.nr:** EP3224471  
(86) **EP søkn.nr:** 15804212.7  
(86) **EP innl.dag:** 2015.11.27  
(87) **EP publ.dag:** 2017.10.04  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2014.11.27, GB, 201421060  
(86) **Int.inndag :** 2015.11.27  
(86) **Int.søknadsnr :** PCT/GB2015/053618  
(73) **Innehaver:**  
Kitemill A.S., Evangervegen 35704 Voss Norge
- (72) **Oppfinner:**  
HAMPTON, William, c/o Kite Power Solutions Limited Unit DMildmay Industrial Estate Foundry Lane Burnham-On-Crouch CM0 8SH, GB-Storbritannia
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
A WINCH

- (51) **Klasse :** *F04D 13/06 (2006.01)*  
*E21B 41/00 (2006.01)*  
*F04D 13/10 (2006.01)*  
*H02G 1/12 (2006.01)*
- (87) **EP Publ.nr:** EP3460176  
(86) **EP søkn.nr:** 18196120.2  
(86) **EP innl.dag:** 2018.09.21  
(87) **EP publ.dag:** 2019.03.27  
(80) **EP meddelt :** 2021.09.01  
(30) **Prioritet:** 2017.09.21, US, 201762561654 P
- (73) **Innehaver:**  
AccessESP UK Limited, Lion House Gapton Hall Road Great Yarmouth NR31 0NL, GB-Storbritannia
- (72) **Oppfinner:**  
LEISMER, Dwayne, 1306 W. Dallas Street Houston, Texas 77019, US-USA  
BENHAM, Matthew, 2630 Bissonnet Street - 4137 Houston, Texas 77005, US-USA  
LLOYD, Jansen, 2911 Quincannon Lane Houston, Texas 77043, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR TERMINATING CABLE

- (51) **Klasse :** *F04D 29/08 (2006.01)*  
*F04D 1/06 (2006.01)*  
*F04D 29/42 (2006.01)*  
*F16J 15/02 (2006.01)*
- (87) **EP Publ.nr:** EP2815129  
(86) **EP søkn.nr:** 12779078.0  
(86) **EP innl.dag:** 2012.11.01  
(87) **EP publ.dag:** 2014.12.24  
(80) **EP meddelt :** 2021.08.25  
(30) **Prioritet:** 2012.02.14, EP, 12155346  
(86) **Int.inndag :** 2012.11.01  
(86) **Int.søknadsnr :** PCT/EP2012/071654
- (73) **Innehaver:**  
Sulzer Management AG, Neuwiesenstrasse 158401 Winterthur, CH-Sveits
- (72) **Oppfinner:**  
MEUTER, Paul, Leberenstrasse 7 CH-8472 Seuzach, CH-Sveits  
WELSCHINGER, Thomas, Ländlestrasse 2/278315 Radolfzell, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
SEALING ASSEMBLY AND PUMP WITH A SEALING ASSEMBLY

(51) **Klasse :** *F16D 65/847 (2006.01)*  
*F16D 65/00 (2006.01)*

(87) **EP Publ.nr:** EP3812607  
(86) **EP søkn.nr:** 19853269.9  
(86) **EP innl.dag:** 2019.09.10  
(87) **EP publ.dag:** 2021.04.28  
(80) **EP meddelt :** 2021.12.08  
(30) **Prioritet:** 2019.08.23, CN, 201910786535  
(86) **Int.inndag :** 2019.09.10  
(86) **Int.søknadsnr :** PCT/CN2019/105076  
(73) **Innehaver:**  
Zhang, Jianping, Room 404, No. 16, 120 Lane Guoshun Road Yangpu District Shanghai 200442, CN-Kina

(72) **Oppfinner:**  
Zhang, Jianping, Room 404, No. 16, 120 Lane Guoshun Road Yangpu District Shanghai 200442, CN-Kina

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

(54) **Benevnelse:**  
HEAT DISSIPATION TYPE CAR CALIPER COVER

(51) **Klasse :** *F16K 5/04 (2006.01)*  
*F16K 11/085 (2006.01)*

(87) **EP Publ.nr:** EP2759747  
(86) **EP søkn.nr:** 13153005.7  
(86) **EP innl.dag:** 2013.01.29  
(87) **EP publ.dag:** 2014.07.30  
(80) **EP meddelt :** 2021.07.07  
(73) **Innehaver:**  
ESBE AB, Bruksgatan 22333 75 Reftele, SE-Sverige

(72) **Oppfinner:**  
Davidsson, Jonas, Prinsgatan 17331 51 VÄRNAMO, SE-Sverige

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

(54) **Benevnelse:**  
Liquid valve

(51) **Klasse :** *F16K 17/30 (2006.01)*  
*F16K 17/04 (2006.01)*

(87) **EP Publ.nr:** EP3551915  
(86) **EP søkn.nr:** 17818076.6  
(86) **EP innl.dag:** 2017.12.05  
(87) **EP publ.dag:** 2019.10.16  
(80) **EP meddelt :** 2021.08.04  
(30) **Prioritet:** 2016.12.08, DE, 202016106843 U  
(86) **Int.inndag :** 2017.12.05  
(86) **Int.søknadsnr :** PCT/EP2017/081565  
(73) **Innehaver:**  
Rosen Swiss AG, Obere Spichermatt 146370 Stans, CH-Sveits

(72) **Oppfinner:**  
VOß, Wilhelm, Antoniusstraße 3849811 Lingen, DE-Tyskland  
KRALLMANN, Heiner, Erlenweg 949767 Twist, DE-Tyskland  
HEILE, Nico, Fasanenweg 449577 Kettenkamp, DE-Tyskland  
BREMKE, Rene, Overbergstraße 749594 Alfhausen, DE-Tyskland  
SCHNEKE, Daniel, Tewesweg 3 ,D-49811 Lingen, DE-Tyskland

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

(54) **Benevnelse:**  
BYPASS VALVE AND PIG HAVING A BYPASS VALVE

(51) **Klasse :** *F16L 3/137 (2006.01)*  
*F16L 3/237 (2006.01)*  
*F16L 9/19 (2006.01)*

(87) **EP Publ.nr:** EP3455531  
(86) **EP søkn.nr:** 17732547.9  
(86) **EP innl.dag:** 2017.06.16  
(87) **EP publ.dag:** 2019.03.20  
(80) **EP meddelt :** 2021.09.01  
(30) **Prioritet:** 2016.06.21, GB, 201610790  
(86) **Int.inndag :** 2017.06.16  
(86) **Int.søknadsnr :** PCT/GB2017/051771  
(73) **Innehaver:**  
Advanced Innergy Ltd, Unit E Quedgeley West Business Park Bristol Road Gloucester, GL2 4PA, GB-Storbritannia

(72) **Oppfinner:**  
HARROP, Martin Steven, Advanced Insulation Plc Quedgeley West Business Park Bristol Road Gloucester Gloucestershire GL2 4PA, GB-Storbritannia  
MORLEY, Stewart Ian, Advanced Insulation Plc Quedgeley West Business Park Bristol Road Gloucester Gloucestershire GL2 4PA, GB-Storbritannia

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

(54) **Benevnelse:**  
MOUNTING ARRANGEMENT

(51) **Klasse :** *F16L 15/04 (2006.01)*  
*E21B 17/042 (2006.01)*

(87) **EP Publ.nr:** EP3572701  
(86) **EP søkn.nr:** 17892413.0  
(86) **EP innl.dag:** 2017.12.27  
(87) **EP publ.dag:** 2019.11.27  
(80) **EP meddelt :** 2021.08.18  
(30) **Prioritet:** 2017.01.18, JP, 2017006313  
(86) **Int.inndag :** 2017.12.27  
(86) **Int.søknadsnr :** PCT/JP2017/046882  
(73) **Innehaver:**  
Nippon Steel Corporation, 6-1, Marunouchi 2-chome Chiyoda-ku Tokyo 100-8071, JP-Japan  
Vallourec Oil and Gas France, 54 rue Anatole France 59620 Aulnoye-Aymeries, FR-Frankrike

(72) **Oppfinner:**  
OKU, Yousuke, c/o NIPPON STEEL&SUMITOMO METAL CORPORATION 6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 100-8071, JP-Japan  
SUGINO, Masaaki, c/o NIPPON STEEL&SUMITOMO METAL CORPORATION 6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 100-8071, JP-Japan

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

(54) **Benevnelse:**  
THREADED CONNECTION FOR STEEL PIPES

(51) **Klasse :** *F16L 53/37 (2018.01)*  
*F16L 11/08 (2006.01)*

(87) **EP Publ.nr:** EP3334970

(86) **EP søkn.nr:** 16834698.9

(86) **EP innl.dag:** 2016.08.08

(87) **EP publ.dag:** 2018.06.20

(80) **EP meddelt :** 2021.11.03

(30) **Prioritet:** 2015.08.10, DK, 201570516

(86) **Int.inndag :** 2016.08.08

(86) **Int.søknadsnr :** PCT/DK2016/050266

(73) **Innehaver:**  
National Oilwell Varco Denmark I/S, Priorparken 4802605  
Brøndby, DK-Danmark

(72) **Oppfinner:**  
STRAARUP, Anders, 2500 Valby, DK-Danmark

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

(54) **Benevnelse:**  
AN UNBONDED FLEXIBLE PIPE

(51) **Klasse :** *F16M 11/22 (2006.01)*  
*F16B 1/00 (2006.01)*  
*F16B 41/00 (2006.01)*  
*F16B 43/00 (2006.01)*  
*F16M 13/02 (2006.01)*

(87) **EP Publ.nr:** EP3671002

(86) **EP søkn.nr:** 18460075.7

(86) **EP innl.dag:** 2018.12.20

(87) **EP publ.dag:** 2020.06.24

(80) **EP meddelt :** 2021.07.07

(73) **Innehaver:**  
Lug Light Factory Sp. z o.o., ul. Gorzowska 1165-127  
Zielona Góra, PL-Polen

(72) **Oppfinner:**  
Romaniuk, Michal, ul. Targowa 58a/1426-400 Przysucha,  
PL-Polen  
Walendowski, Pawel, ul. Zjednoczenia 20/667-100 Nowa  
Sól, PL-Polen  
Wieczorek, Kamil, ul. Stokrotkowa 4465-012 Zielona Góra,  
PL-Polen  
Duch, Maciej, ul. Bukowska 566-100 Krezoly / Sulechów,  
PL-Polen

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

(54) **Benevnelse:**  
MOUNTING SYSTEM AND A TECHNICAL COMPONENT

(51) **Klasse :** *F24D 3/14 (2006.01)*  
*F24D 3/16 (2006.01)*

(87) **EP Publ.nr:** EP2006608

(86) **EP søkn.nr:** 08011030.7

(86) **EP innl.dag:** 2008.06.18

(87) **EP publ.dag:** 2008.12.24

(80) **EP meddelt :** 2021.07.28

(30) **Prioritet:** 2007.06.18, DE, 102007028451  
2007.06.24, DE, 102007029214

(73) **Innehaver:**  
Klima-Top GmbH, Benninger Str. 7087700 Memmingen,  
DE-Tyskland

(72) **Oppfinner:**  
Bühler, Armin, Am Weihermahd 1487733 Markt  
Rettenbach, DE-Tyskland

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

(54) **Benevnelse:**  
Wall or ceiling cladding

(51) **Klasse :** *F28D 20/00 (2006.01)*

(87) **EP Publ.nr:** EP3680595

(86) **EP søkn.nr:** 19216572.8

(86) **EP innl.dag:** 2019.12.16

(87) **EP publ.dag:** 2020.07.15

(80) **EP meddelt :** 2021.10.13

(30) **Prioritet:** 2018.12.17, DE, 102018132467

(73) **Innehaver:**  
Elmess Thermosystemtechnik GmbH & Co. KG, Nordallee  
129525 Uelzen, DE-Tyskland

(72) **Oppfinner:**  
Dreyer, Hartmut, c/o Elmess Thermosystemtechnik GmbH  
& Co. KGNordallee 129525 Uelzen, DE-Tyskland

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

(54) **Benevnelse:**  
METHOD AND DEVICE FOR LOADING AND  
DISCHARGING A THERMOCHEMICAL HEAT STORAGE  
MEDIUM AND SCREW CONVEYOR FOR LOADING THE  
THERMOCHEMICAL HEAT STORAGE MEDIUM

(51) **Klasse :** *G01N 24/08 (2006.01)*  
*A61B 5/055 (2006.01)*  
*G01N 33/50 (2006.01)*  
*G01N 33/569 (2006.01)*

(87) **EP Publ.nr:** EP3304059

(86) **EP søkn.nr:** 16800666.6

(86) **EP innl.dag:** 2016.05.25

(87) **EP publ.dag:** 2018.04.11

(80) **EP meddelt :** 2021.09.01

(30) **Prioritet:** 2015.05.28, US, 201514724365

(86) **Int.inndag :** 2016.05.25

(86) **Int.søknadsnr :** PCT/US2016/034135

(73) **Innehaver:**  
AxoGen Corporation, 13631 Progress Boulevard, Suite  
400Alachua, Florida 32615, US-USA

(72) **Oppfinner:**  
DEISTER, Curt, c/o Axogen Corporation13631 Progress  
Boulevard Suite 400Alachua, FL 32615, US-USA  
TAJDARAN, Kasra, c/o Axogen Corporation13631  
Progress Boulevard Suite 400Alachua, FL 32615, US-USA

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

(54) **Benevnelse:**  
NERVE CULTURE SYSTEM

- (51) **Klasse :** *G01N 29/024 (2006.01)*  
*G01F 1/66 (2006.01)*  
*G01F 1/708 (2006.01)*  
*G01F 1/74 (2006.01)*  
*G01N 29/24 (2006.01)*  
*G01N 29/46 (2006.01)*
- (87) **EP Publ.nr:** EP3332226  
(86) **EP søkn.nr:** 16750240.0  
(86) **EP innl.dag:** 2016.08.05  
(87) **EP publ.dag:** 2018.06.13  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2015.08.05, GB, 201513867  
(86) **Int.inndag :** 2016.08.05  
(86) **Int.søknadsnr :** PCT/GB2016/052444  
(73) **Innehaver:**  
Silixa Ltd., Silixa House 230 Centennial ParkCentennial AvenueElstreeHertfordshire WD6 3SN, GB-Storbritannia  
Chevron U.S.A. Inc., 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA
- (72) **Oppfinner:**  
AMIR, Mohammad, c/o Silixa Ltd.Silixa House230 Centennial ParkCentennial AvenueElstree, Hertfordshire WD6 3SN, GB-Storbritannia  
FARHADIROUSHAN, Mahmoud, c/o Silixa Ltd.Silixa House230 Centennial ParkCentennial AvenueElstree, Hertfordshire WD6 3SN, GB-Storbritannia  
FINFER, Daniel, c/o Silixa Ltd.Silixa House230 Centennial ParkCentennial AvenueElstree, Hertfordshire WD6 3SN, GB-Storbritannia  
MAHUE, Veronique, c/o Silixa Ltd.Silixa House230 Centennial ParkCentennial AvenueElstree, Hertfordshire WD6 3SN, GB-Storbritannia  
PARKER, Tom, c/o Silixa Ltd.Silixa House230 Centennial ParkCentennial AvenueElstree, Hertfordshire WD6 3SN, GB-Storbritannia
- (74) **Fullmektig:**  
Silixa Ltd., Silixa House 230 Centennial Park, Centennial Avenue, WD63SN ELSTREE, HERTFORDSHIRE, Storbritannia
- (54) **Benevnelse:**  
MULTI-PHASE FLOW-MONITORING WITH AN OPTICAL FIBER DISTRIBUTED ACOUSTIC SENSOR

- (51) **Klasse :** *G01N 35/04 (2006.01)*  
*B65G 51/04 (2006.01)*  
*G01N 35/00 (2006.01)*
- (87) **EP Publ.nr:** EP3483612  
(86) **EP søkn.nr:** 18205254.8  
(86) **EP innl.dag:** 2018.11.08  
(87) **EP publ.dag:** 2019.05.15  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2017.11.10, SE, 1751394  
(73) **Innehaver:**  
Graniten Group AB, Kärtrastrandsvägen 125 A451 76 Uddevalla, SE-Sverige
- (72) **Oppfinner:**  
OLSSON, Jan-Olof, Ridhusgatan 2451 42 Uddevalla, SE-Sverige  
ERIKSSON, Karl Olof, Adlerborgsvägen 11451 32 Uddevalla, SE-Sverige
- (74) **Fullmektig:**  
AWA NORWAY AS, c/o Regus Business Center Aker brygge, Postboks 1433 Vika, 0115 OSLO, Norge
- (54) **Benevnelse:**  
IDENTIFYING, SORTING AND MANIPULATING TEST TUBES

- (51) **Klasse :** *G01T 1/29 (2006.01)*
- (87) **EP Publ.nr:** EP3146527  
(86) **EP søkn.nr:** 15796448.7  
(86) **EP innl.dag:** 2015.05.22  
(87) **EP publ.dag:** 2017.03.29  
(80) **EP meddelt :** 2021.08.18  
(30) **Prioritet:** 2014.05.22, AU, 2014901905  
(86) **Int.inndag :** 2015.05.22  
(86) **Int.søknadsnr :** PCT/AU2015/000302  
(73) **Innehaver:**  
AUSTRALIAN NUCLEAR SCIENCE & TECHNOLOGY ORGANISATION, New Illawarra RoadLucas HeightsNew South Wales 2234, AU-Australia
- (72) **Oppfinner:**  
BOARDMAN, David, Australia Nuclear Science and TechnologyOrganisationNew Illawarra RoadLucas Heights, New South Wales 2234, AU-Australia  
SARBUTT, Adam, Australia Nuclear Science and TechnologyOrganisationNew Illawarra RoadLucas Heights, New South Wales 2234, AU-Australia  
FLYNN, Alison, Australia Nuclear Science and TechnologyOrganisationNew Illawarra RoadLucas Heights, New South Wales 2234, AU-Australia  
PROKOPOVICH, Dale, Australia Nuclear Science and TechnologyOrganisationNew Illawarra RoadLucas Heights, New South Wales 2234, AU-Australia
- (74) **Fullmektig:**  
AUSTRALIAN NUCLEAR SCIENCE & TECHNOLOGY ORGANISATION, New Illawarra Road, NSW2234 LUCAS HEIGHTS, Australia
- (54) **Benevnelse:**  
GAMMA-RAY IMAGING

- (51) **Klasse :** *G01V 3/08 (2006.01)*
- (87) **EP Publ.nr:** EP3443392  
(86) **EP søkn.nr:** 17718790.3  
(86) **EP innl.dag:** 2017.04.13  
(87) **EP publ.dag:** 2019.02.20  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2016.04.15, US, 201662323103 P  
(86) **Int.inndag :** 2017.04.13  
(86) **Int.søknadsnr :** PCT/US2017/027399  
(73) **Innehaver:**  
Saudi Arabian Oil Company, 1 Eastern Avenue31311 Dhahran, SA-Saudi Arabia  
Truva Corporation, 525 St. Regis DriveAlpharetta, Georgia 30022, US-USA
- (72) **Oppfinner:**  
SCHMIDT, Howard K., Saudi AramcoP.O. Box 8643Dhahran 31311, SA-Saudi Arabia  
AKYILDIZ, Ian F., 525 St. Regis DriveAlpharetta, Georgia 30022, US-USA  
LIN, Shih-Chun, 525 St. Regis DriveAlpharetta, Georgia 30022, US-USA  
AL-SHEHRI, Abdallah Awadh, P.O. Box 13044Dhahran 31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
MAGNETIC INDUCTION BASED LOCALIZATION FOR WIRELESS SENSOR NETWORKS IN UNDERGROUND OIL RESERVOIRS

(51) **Klasse :** G01V 99/00 (2009.01)  
 (87) **EP Publ.nr:** EP3189357  
 (86) **EP søkn.nr:** 15711936.3  
 (86) **EP innl.dag:** 2015.03.02  
 (87) **EP publ.dag:** 2017.07.12  
 (80) **EP meddelt :** 2021.09.08  
 (30) **Prioritet:** 2014.09.05, US, 201414478805  
 (86) **Int.inndag :** 2015.03.02  
 (86) **Int.søknadsnr :** PCT/US2015/018250  
 (73) **Innehaver:**  
 Chevron U.S.A. Inc., 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA  
 (72) **Oppfinner:**  
 SUN, Tao, 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA  
 SULLIVAN, Morgan, 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA  
 PYRCZ, Michael, James, 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA  
 PERLMUTTER, Martin, 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA  
 COVAULT, Jacob, 6001 Bollinger Canyon RoadSan Ramon, California 94583, US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 SEDIMENT TRANSPORT SIMULATION WITH  
 PARAMETERIZED TEMPLATES FOR DEPTH PROFILING

(51) **Klasse :** G06F 3/01 (2006.01)  
 (87) **EP Publ.nr:** EP3545385  
 (86) **EP søkn.nr:** 17798224.6  
 (86) **EP innl.dag:** 2017.11.16  
 (87) **EP publ.dag:** 2019.10.02  
 (80) **EP meddelt :** 2021.07.14  
 (30) **Prioritet:** 2016.11.25, EP, 16200754  
 (86) **Int.inndag :** 2017.11.16  
 (86) **Int.søknadsnr :** PCT/EP2017/079462  
 (73) **Innehaver:**  
 Sensoryx AG, Förrlibuckstrasse 308005 Zürich, CH-Sveits  
 (72) **Oppfinner:**  
 RANIERI, Nicola, Schaffhauserstrasse 3718050 Zürich, CH-Sveits  
 ADELSBERGER, Rolf, Schulstrasse 38962 Bergdietikon, CH-Sveits  
 WENNER, Fabian, Chüngstrasse 648424 Embrach, CH-Sveits  
 SEIFERT, Hagen, Saattenstrasse 178051 Zürich, CH-Sveits  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
 (54) **Benevnelse:**  
 WEARABLE MOTION TRACKING SYSTEM

(51) **Klasse :** G06F 11/10 (2006.01)  
 (87) **EP Publ.nr:** EP3673374  
 (86) **EP søkn.nr:** 18749640.1  
 (86) **EP innl.dag:** 2018.06.28  
 (87) **EP publ.dag:** 2020.07.01  
 (80) **EP meddelt :** 2021.09.29  
 (30) **Prioritet:** 2017.08.21, US, 201715682533  
 (86) **Int.inndag :** 2018.06.28  
 (86) **Int.søknadsnr :** PCT/US2018/039978  
 (73) **Innehaver:**  
 Qualcomm Incorporated, 5775 Morehouse DriveSan Diego, CA 92121-1714, US-USA  
 (72) **Oppfinner:**  
 SUH, Jungwon, Qualcomm Incorporated5775 Morehouse DriveSan Diego, CA 92121-1714, US-USA  
 ARTIERI, Alain, Qualcomm Incorporated5775 Morehouse DriveSan Diego, CA 92121-1714, US-USA  
 CHUN, Dexter Tamio, Qualcomm Incorporated5775 Morehouse DriveSan Diego, CA 92121-1714, US-USA  
 SRIRAMAGIRI, Deepti Vijayalakshmi, Qualcomm Incorporated5775 Morehouse DriveSan Diego, CA 92121-1714, US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 DYNAMIC LINK ERROR PROTECTION IN MEMORY SYSTEMS

(51) **Klasse :** G06F 16/178 (2019.01)  
 (87) **EP Publ.nr:** EP3400542  
 (86) **EP søkn.nr:** 17701016.2  
 (86) **EP innl.dag:** 2017.01.04  
 (87) **EP publ.dag:** 2018.11.14  
 (80) **EP meddelt :** 2021.11.17  
 (30) **Prioritet:** 2016.01.04, US, 201614987649  
 (86) **Int.inndag :** 2017.01.04  
 (86) **Int.søknadsnr :** PCT/US2017/012214  
 (73) **Innehaver:**  
 Netflix, Inc., 100 Winchester CircleLos Gatos, California 95032, US-USA  
 (72) **Oppfinner:**  
 PAPAPANAGIOTOU, Ioannis, Los Gatos, California 95032, US-USA  
 BIRARI, Shailesh, Los Gatos, California 95032, US-USA  
 CACCIATORE, Jason, Los Gatos, California 95032, US-USA  
 DO, Minh, Los Gatos, California 95032, US-USA  
 KALANTZIS, Christos, Los Gatos, California 95032, US-USA  
 (74) **Fullmektig:**  
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia  
 (54) **Benevnelse:**  
 TECHNIQUES FOR PERFORMING DATA RECONCILIATION IN DISTRIBUTED DATA STORE SYSTEMS

- (51) **Klasse :** *G06F 30/17 (2020.01)*  
*G01L 5/00 (2006.01)*  
*G06F 119/18 (2020.01)*  
*G06N 5/04 (2006.01)*
- (87) **EP Publ.nr:** EP3647971  
(86) **EP søkn.nr:** 17898330.0  
(86) **EP innl.dag:** 2017.07.18  
(87) **EP publ.dag:** 2020.05.06  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2017.06.28, CN, 201710504692  
(86) **Int.inndag :** 2017.07.18  
(86) **Int.søknadsnr :** PCT/CN2017/093256  
(73) **Innehaver:**  
Huazhong University of Science and Technology, NO. 1037  
Luoyu Road Hongshan District Wuhan City Hubei 430074,  
CN-Kina
- (72) **Oppfinner:**  
YANG, Wenyu, No.1037 Luoyu  
Road Hongshan Wuhan Hubei 430074, CN-Kina  
HUANG, Kun, No.1037 Luoyu Road Hongshan Wuhan Hubei  
430074, CN-Kina  
GAO, Yi, No.1037 Luoyu Road Hongshan Wuhan Hubei  
430074, CN-Kina  
QIU, Shuo, No.1037 Luoyu Road Hongshan Wuhan Hubei  
430074, CN-Kina  
WANG, Tao, No.1037 Luoyu Road Hongshan Wuhan Hubei  
430074, CN-Kina  
CHENG, Guangdong, No.1037 Luoyu  
Road Hongshan Wuhan Hubei 430074, CN-Kina  
YANG, Kun, No.1037 Luoyu Road Hongshan Wuhan Hubei  
430074, CN-Kina
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR CALCULATING REGULATION AND  
CONTROL OF RESIDUAL STRESS PROCESSING  
PARAMETERS BY MEANS OF PARAMETER INVERSION

- (51) **Klasse :** *G06T 7/73 (2017.01)*
- (87) **EP Publ.nr:** EP3584764  
(86) **EP søkn.nr:** 19171375.9  
(86) **EP innl.dag:** 2019.04.26  
(87) **EP publ.dag:** 2019.12.25  
(80) **EP meddelt :** 2021.07.28  
(30) **Prioritet:** 2018.04.30, DE, 102018206675  
(73) **Innehaver:**  
Deutsche Bahn AG, Potsdamer Platz 210785 Berlin, DE-  
Tyskland
- (72) **Oppfinner:**  
Rode, Oliver, Mörfelder Landstr. 14060598 Frankfurt am  
Main, DE-Tyskland
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
METHOD FOR CONTROLLING A MACHINE BY MEANS  
OF AT LEAST ONE SPATIAL COORDINATE AS  
CONTROL VARIABLE

- (51) **Klasse :** *G07C 9/00 (2020.01)*
- (87) **EP Publ.nr:** EP2701124  
(86) **EP søkn.nr:** 12181198.8  
(86) **EP innl.dag:** 2012.08.21  
(87) **EP publ.dag:** 2014.02.26  
(80) **EP meddelt :** 2021.08.11  
(73) **Innehaver:**  
Bekey A/S, Bredebjergvej 62630 Hoje Taastrup, DK-  
Danmark
- (72) **Oppfinner:**  
Andersen, Ebbe, Hasselhaven 992600 Glostrup, DK-  
Danmark
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Controlling access to a location

- (51) **Klasse :** *H01L 21/02 (2006.01)*  
*H01L 21/316 (2006.01)*  
*H01L 41/08 (2006.01)*  
*H01L 41/319 (2013.01)*  
*H01L 49/02 (2006.01)*  
*H01L 21/28 (2006.01)*
- (87) **EP Publ.nr:** EP2876666  
(86) **EP søkn.nr:** 14196902.2  
(86) **EP innl.dag:** 2012.05.15  
(87) **EP publ.dag:** 2015.05.27  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2011.05.17, JP, 2011110680  
2012.03.28, JP, 2012073402
- (73) **Innehaver:**  
Mitsubishi Materials Corporation, 2-3, Marunouchi 3-  
chome, Chiyoda-ku, Tokyo 100-8117, JP-Japan
- (72) **Oppfinner:**  
Watanabe, Toshiaki, Mitsubishi Materials  
Corporation Sanda Plant 12-6, Technopark Sanda-shi,  
Hyogo, JP-Japan  
Sakurai, Hideaki, Mitsubishi Materials Corporation Central  
Research Institute Mukohyama Naka-shi, Ibaraki 1002-14,  
JP-Japan  
Soyama, Nobuyuki, Mitsubishi Materials Corporation Sanda  
Plant 12-6, Technopark Sanda-shi, Hyogo, JP-Japan  
Doi, Toshihiro, Mitsubishi Materials Corporation Central  
Research Institute Mukohyama Naka-shi, Ibaraki 1002-14,  
JP-Japan
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
Method for producing ferroelectric thin film

- (51) **Klasse :** *H02G 3/20 (2006.01)*  
*H02G 3/12 (2006.01)*
- (87) **EP Publ.nr:** EP3467980  
(86) **EP søkn.nr:** 18198445.1  
(86) **EP innl.dag:** 2018.10.03  
(87) **EP publ.dag:** 2019.04.10  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2017.10.04, BE, 201705710  
(73) **Innehaver:**  
Niko NV, Industriepark-West 409100 Sint-Niklaas, BE-  
Belgia
- (72) **Oppfinner:**  
DE VOS, Pieter, Sulferbergstraat 288000 Brugge, BE-  
Belgia  
VERHEULE, Gert, Valkenisseweg 162620 Hemiksem, BE-  
Belgia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CONNECTION SYSTEM FOR ELECTRICAL DEVICES

- (51) **Klasse :** *H04B 7/0456 (2017.01)*  
*H04B 7/06 (2006.01)*  
*H04L 25/03 (2006.01)*
- (87) **EP Publ.nr:** EP3198742  
(86) **EP søkn.nr:** 15779037.9  
(86) **EP innl.dag:** 2015.09.24  
(87) **EP publ.dag:** 2017.08.02  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2014.09.25, US, 201462055350 P  
(86) **Int.søknadsnr :** PCT/SE2015/051000  
(73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (publ), 164 83 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
JÖNGREN, George, Kronogårdsvägen 44SE-174 62 Sundbyberg, SE-Sverige  
FAXÉR, Sebastian, Barkarbyvägen 53 DSE-177 44 Järfälla, SE-Sverige  
WERNERSSON, Niklas, Sandviksvägen 10b196 36 Kungsängen, SE-Sverige  
JÄRMYR, Simon, Luftfartsgatan 8SE-128 34 Skarpnäck, SE-Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300 KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
NETWORK NODE, USER EQUIPMENT AND METHODS THEREIN TO ENABLE THE UE TO DETERMINE A PRECODER CODEBOOK

- (51) **Klasse :** *H04B 7/06 (2006.01)*  
*H04B 7/04 (2017.01)*  
*H04W 52/54 (2009.01)*
- (87) **EP Publ.nr:** EP3570455  
(86) **EP søkn.nr:** 19178325.7  
(86) **EP innl.dag:** 2008.04.03  
(87) **EP publ.dag:** 2019.11.20  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2007.06.27, SE, 0701582  
(73) **Innehaver:**  
Unwired Planet International Limited, 70, Sir John Rogerson's QuayDublin 2, IE-Irland
- (72) **Oppfinner:**  
Jöngren, George, Karlsviksgatan 15S-112 41 Stockholm, SE-Sverige  
Göransson, Bo, Silverdalsvägen 67S-191 38 Sollentuna, SE-Sverige  
Wan, Lei, No. 703, Building 4, Shui Qing Mu Hua Yuan Xiao QuBeijing, Beijing 100080, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND ARRANGEMENTS IN A TELECOMMUNICATION SYSTEM SUPPORTING MU-MIMO AND SU-MIMO

- (51) **Klasse :** *H04L 12/24 (2006.01)*  
*G06F 8/65 (2018.01)*
- (87) **EP Publ.nr:** EP3547615  
(86) **EP søkn.nr:** 19164509.2  
(86) **EP innl.dag:** 2019.03.22  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2021.07.14  
(30) **Prioritet:** 2018.03.28, GB, 201805040  
2018.03.28, US, 201815938200
- (73) **Innehaver:**  
Wirepas Oy, Visiokatu 433720 Tampere, FI-Finland
- (72) **Oppfinner:**  
JUVEN, Ville, Wirepas OyHaukkamäenkatu 1 D 49FI-33560 TAMPERE, FI-Finland  
YLÄNEN, Jussi, Wirepas Oy167 Walbridge Hill RoadTOLLAND, CT Connecticut US-06084, US-USA  
KASEVA, Ville, Wirepas OyVälilmaankatu 10 A 2FI-33720 TAMPERE, FI-Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SOFTWARE-UPDATING METHOD FOR A WIRELESS COMMUNICATION NETWORK

- (51) **Klasse :** *H04W 12/03 (2021.01)*  
*H04L 29/06 (2006.01)*  
*H04M 3/22 (2006.01)*  
*H04W 8/08 (2009.01)*  
*H04W 12/02 (2009.01)*  
*H04W 12/06 (2021.01)*  
*H04W 84/04 (2009.01)*
- (87) **EP Publ.nr:** EP3485624  
(86) **EP søkn.nr:** 17751254.8  
(86) **EP innl.dag:** 2017.07.12  
(87) **EP publ.dag:** 2019.05.22  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2016.07.18, US, 201662363814 P  
(86) **Int.inndag :** 2017.07.12  
(86) **Int.søknadsnr :** PCT/EP2017/067527  
(73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (PUBL), 164 83 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
NAKARMI, Prajwol, Kumar, Stupvägen 1719142 Sollentuna, SE-Sverige  
TORVINEN, Vesa, Sauvontie 4221570 Sauvo, FI-Finland  
BEN HENDA, Noamen, Tumultgränd 22816247 Stockholm, SE-Sverige  
JOST, Christine, Västra Mårtensgatan 1222351 Lund, SE-Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300 KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
OPERATION RELATED TO USER EQUIPMENT USING SECRET IDENTIFIER



- (51) **Klasse :** *H04W 36/00 (2009.01)*  
*H04W 36/04 (2009.01)*  
*H04W 36/30 (2009.01)*
- (87) **EP Publ.nr:** EP3515118
- (86) **EP søkn.nr:** 19161302.5
- (86) **EP innl.dag:** 2014.01.17
- (87) **EP publ.dag:** 2019.07.24
- (80) **EP meddelt :** 2021.08.25
- (30) **Prioritet:** 2013.01.18, US, 201361754322 P
- (73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (publ), 164 83 Stockholm,  
SE-Sverige
- (72) **Oppfinner:**  
Dudda, Torsten, Königstrasse 19a52064 Aachen, DE-  
Tyskland  
Wager, Stefan, Övergårdsvägen 41 D02360 Espoo, FI-  
Finland  
Bergström, Mattias, Fjärdingsmansvägen 220192 70  
Sollentuna, SE-Sverige  
Müller, Walter, Huginvägen 7194 62 Upplands Väsby, SE-  
Sverige  
Xuan, Zhiyi, Ängsullsvägen 16187 51 Täby, SE-Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
ADAPTING A MOBILE NETWORK
-

## Innsigelser mot patent

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

- (51) **Klasse:** *E21B 21/08 (2006.01)*  
*E21B 44/00 (2006.01)*
- (11) **Patentnr:** **345522**
- (21) **Søknadsnr:** 20131105
- (45) **Meddelt:** 2021.03.29
- (73) **Innehaver:**  
INTELLIGENT MUD SOLUTIONS AS, Auglendsmyrå 8,  
4016 STAVANGER, Norge
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166, OSLO, NO  
**Innsiger:**  
AWA NORWAY AS, c/o Regus Business Center Aker  
brygge, Postboks 1433 Vika, 0115 OSLO, Norge  
**Innsigelsesdato:** 2021.12.20
-

## 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:** EP2142689  
(86) **EP søkn.nr:** 08733503.0  
(51) **Klasse:** D01F 6/04 (2006.01)  
(73) **Innehaver:**  
Braskem S.A., Rua Eteno 1561 Complexo Petroquimico de  
Camaçari, 42810-000 Camaçari, BA, BR  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213, OSLO, NO  
(72) **Oppfinner:**  
DA CUNHA, Fernanda, Oliveira, Vieira, Av. Getúlio Vargas,  
810, Aptº 207 Menino Deus, 90150-002 Porto Alegre - Rs,  
BR  
DO NASCIMENTO, Alan, Kardec, Av. Miguel Navarro Y  
Canizares, 297 Aptº 1801, Pituba, 41820-210 Salvador -  
Ba, BR  
DE LA RUE, Breno, Rua Pernambuco, 971 Werner Plaas,  
13478-570 Americana - Sp, BR  
BECKEDORF, Martha, de la Rue, Rua Florindo Cibin 1532  
ap. 33 Bl 2 Vila Jones, 13465-560 Americana - Sp, BR  
(54) **Benevnelse:**  
Fremgangsmåte for fremstilling av polymertrader fra ultra  
høymolekylvekt homopolymere eller kopolymere,  
polymertrader, formstøpte polymerdeler og anvendelse av  
polymertrader

- (87) **EP Publ.nr:** EP3110533  
(86) **EP søkn.nr:** 15708672.9  
(51) **Klasse:** C02F 103/36 (2006.01)  
B01D 61/14 (2006.01)  
B01D 67/00 (2006.01)  
B01D 69/14 (2006.01)  
B01D 71/26 (2006.01)  
C02F 1/44 (2006.01)  
C02F 101/32 (2006.01)  
C02F 103/10 (2006.01)  
C10G 33/06 (2006.01)  
(73) **Innehaver:**  
PPG Industries Ohio, Inc., 3800 West 143rd Street,  
Cleveland, OH 44111, US  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123, OSLO, NO  
(72) **Oppfinner:**  
GUO, Qunhui, 5011 Prides Court, Murrysville,  
Pennsylvania 15668, US  
KNOX, Carol, L., 1307 Oak Lake Road, Apollo,  
Pennsylvania 15613, US  
WILT, Truman, 154 Sandy Drive, Clinton, Pennsylvania  
15026, US  
VOTRUBA-DRZAL, Peter, L., 119 Yorkshire Drive,  
Pittsburgh, Pennsylvania 15208, US  
KAHLE, Charles, F., 7025 Bennington Woods Drive,  
Pittsburgh, Pennsylvania 15237, US  
MCCOLLUM, Gregory, J., 5130 Bronwyn Court, Gibsonia,  
Pennsylvania 15044, US  
(54) **Benevnelse:**  
FLUID EMULSION PURIFICATION PROCESSES USING  
MICROPOROUS MEMBRANES HAVING FILTRATION  
AND ADSORPTION PROPERTIES

- (87) **EP Publ.nr:** EP3545167  
(86) **EP søkn.nr:** 17797929.1  
(51) **Klasse:** E21B 33/12 (2006.01)  
E21B 33/035 (2006.01)  
(73) **Innehaver:**  
Total E&P Danmark A/S, Amerika Plads 29, st., 2100  
Copenhagen Ø, DK  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213, OSLO, NO  
(72) **Oppfinner:**  
KASTER, Martin, Lykkesholms Alle 8 1. Sal, 1902  
Frederiksberg C, DK  
(54) **Benevnelse:**  
CAP FOR A HYDROCARBON PRODUCTION WELL AND  
METHOD OF USE

## Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

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

(11) **Patent nr.:** NO/EP2991664  
(21) **Søknadsnr:** EP2991664  
(73) **Innehaver:** Priavoid GmbH, Theodor-Heuss-Strasse  
179, 52428 JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.12.07

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(11) **Patent nr.:** 341667  
(21) **Søknadsnr:** 20071640  
(73) **Innehaver:** CRS HOLDINGS, LLC, Corporation Trust  
Center 1209 Orange Street, DE19801  
WILMINGTON, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.12.01

---

(11) **Patent nr.:** NO/EP2834643  
(21) **Søknadsnr:** EP2834643  
(73) **Innehaver:** Priavoid GmbH, Theodor-Heuss-Strasse  
179, 52428 JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.12.07

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(11) **Patent nr.:** NO/EP2834644  
(21) **Søknadsnr:** EP2834644  
(73) **Innehaver:** Priavoid GmbH, Theodor-Heuss-Strasse  
179, 52428 JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.12.07

---

(11) **Patent nr.:** NO/EP2895867  
(21) **Søknadsnr:** EP2895867  
(73) **Innehaver:** Priavoid GmbH, Theodor-Heuss-Strasse  
179, 52428 JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.12.07

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## Pant i patent

(51) **Klasse:** *E21B 3/02 (2006.01)*  
 (11) **Patentnr:** NO/EP3408489  
 (21) **Søknadsnr:** EP3408489  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 17/046 (2006.01)*  
 (11) **Patentnr:** NO/EP3366878  
 (21) **Søknadsnr:** EP3366878  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 17/046 (2006.01)E21B 19/16 (2006.01)*  
 (11) **Patentnr:** NO/EP3655618  
 (21) **Søknadsnr:** EP3655618  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 17/10 (2006.01)*  
 (11) **Patentnr:** NO/EP2215324  
 (21) **Søknadsnr:** EP2215324  
 (74) **Fullmektig:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 19/06 (2006.01)  
 E21B 17/07 (2006.01)  
 E21B 19/16 (2006.01)  
 E21B 23/01 (2006.01)  
 E21B 31/20 (2006.01)  
 E21B 33/129 (2006.01)  
 E21B 47/09 (2012.01)*  
 (11) **Patentnr:** NO/EP3486425  
 (21) **Søknadsnr:** EP3486425  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 19/10 (2006.01)*  
 (11) **Patentnr:** NO/EP3538737  
 (21) **Søknadsnr:** EP3538737  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 19/16 (2006.01)*  
 (11) **Patentnr:** NO/EP3473799  
 (21) **Søknadsnr:** EP3473799  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 19/16 (2006.01)*  
 (11) **Patentnr:** NO/EP3502409  
 (21) **Søknadsnr:** EP3502409  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 21/08 (2006.01)*  
*E21B 23/02 (2006.01)*  
*E21B 33/08 (2006.01)*  
*E21B 34/16 (2006.01)*  
 (11) **Patentnr:** NO/EP3587730  
 (21) **Søknadsnr:** EP3587730  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 23/00 (2006.01)*  
*E21B 33/128 (2006.01)*  
 (11) **Patentnr:** NO/EP3309350  
 (21) **Søknadsnr:** EP3309350  
 (74) **Fullmektig:**  
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 23/01 (2006.01)*  
*E21B 23/04 (2006.01)*  
*E21B 29/00 (2006.01)*  
 (21) **Søknadsnr:** EP3679220  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 23/02 (2006.01)*  
*E21B 23/04 (2006.01)*  
 (21) **Søknadsnr:** 20201365  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 23/02 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 43/26 (2006.01)*  
 (11) **Patentnr:** NO/EP3505721  
 (21) **Søknadsnr:** EP3505721  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 23/04 (2006.01)*  
*E21B 33/04 (2006.01)*  
*E21B 33/16 (2006.01)*  
*E21B 43/10 (2006.01)*  
 (11) **Patentnr:** NO/EP3303758  
 (21) **Søknadsnr:** EP3303758  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 23/08 (2006.01)*  
*E21B 23/00 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 34/16 (2006.01)*  
*E21B 43/14 (2006.01)*  
*E21B 43/26 (2006.01)*

(11) **Patentnr:** NO/EP3301251  
(21) **Søknadsnr:** EP3301251  
(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 29/00 (2006.01)*  
*E21B 29/10 (2006.01)*  
*E21B 43/11 (2006.01)*

(11) **Patentnr:** NO/EP3447235  
(21) **Søknadsnr:** EP3447235  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
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(51) **Klasse:** *E21B 31/113 (2006.01)*

(11) **Patentnr:** NO/EP3553272  
(21) **Søknadsnr:** EP3553272  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
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**patentstyret:**

(51) **Klasse:** *E21B 33/03 (2006.01)*  
*E21B 23/00 (2006.01)*  
*E21B 23/02 (2006.01)*  
*E21B 33/04 (2006.01)*  
*E21B 33/12 (2006.01)**E21B 33/068*  
*(2006.01)*

(21) **Søknadsnr:** 20210156  
(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/035 (2006.01)*  
*E21B 47/12 (2012.01)*

(21) **Søknadsnr:** 20180632  
(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/08 (2006.01)*  
*E21B 21/00 (2006.01)*  
*E21B 21/08 (2006.01)*

(11) **Patentnr:** NO/EP3128120  
(21) **Søknadsnr:** EP3128120  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
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(51) **Klasse:** *E21B 33/08 (2006.01)*  
*E21B 19/24 (2006.01)*  
*E21B 21/08 (2006.01)*

(11) **Patentnr:** NO/EP3149268  
(21) **Søknadsnr:** EP3149268  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 43/10 (2006.01)*  
 (11) **Patentnr:** NO/EP2255063  
 (21) **Søknadsnr:** EP2255063  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/12 (2006.01)*  
 (11) **Patentnr:** NO/EP3464798  
 (21) **Søknadsnr:** EP3464798  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/12 (2006.01)*  
 (11) **Patentnr:** NO/EP3519667  
 (21) **Søknadsnr:** EP3519667  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/128 (2006.01)*  
*E21B 33/1295 (2006.01)*  
 (11) **Patentnr:** NO/EP2031181  
 (21) **Søknadsnr:** EP2031181  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/128 (2006.01)*  
 (11) **Patentnr:** NO/EP3452688  
 (21) **Søknadsnr:** EP3452688  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/13 (2006.01)*  
*E21B 33/16 (2006.01)*  
 (11) **Patentnr:** NO/EP2594731  
 (21) **Søknadsnr:** EP2594731  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/13 (2006.01)*  
*E21B 33/16 (2006.01)*  
 (11) **Patentnr:** NO/EP3505720  
 (21) **Søknadsnr:** EP3505720  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 33/14 (2006.01)*  
*E21B 28/00 (2006.01)*  
*E21B 34/06 (2006.01)*  
 (21) **Søknadsnr:** 20161371  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital Markets, 50 South Sixth Street, Suite 1290, MN55402 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**



(51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 47/092 (2012.01)*  
 (11) **Patentnr:** NO/EP3612708  
 (21) **Søknadsnr:** EP3612708  
 (74) **Fullmektig:**  
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
 00100 HELSINGFORS, Finland  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 34/08 (2006.01)*  
*E21B 21/08 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 43/10 (2006.01)*  
*E21B 47/12 (2012.01)*  
 (11) **Patentnr:** NO/EP3252266  
 (21) **Søknadsnr:** EP3252266  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 34/10 (2006.01)*  
 (11) **Patentnr:** NO/EP3521552  
 (21) **Søknadsnr:** EP3521552  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 34/10 (2006.01)*  
 (11) **Patentnr:** NO/EP3617440  
 (21) **Søknadsnr:** EP3617440  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford U.K. Limited, Gotham Road, East Leake,  
 LE126JX LOUGHBOROUGH, LEICESTERSHIRE,  
 Storbritannia (GB)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 34/12 (2006.01)*  
 (11) **Patentnr:** NO/EP3546695  
 (21) **Søknadsnr:** EP3546695  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 34/14 (2006.01)*  
 (11) **Patentnr:** NO/EP3631152  
 (21) **Søknadsnr:** EP3631152  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 34/14 (2006.01)*  
 (11) **Patentnr:** NO/EP3631153  
 (21) **Søknadsnr:** EP3631153  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 43/10 (2006.01)*  
*E21B 17/08 (2006.01)*  
 (11) **Patentnr:** NO/EP2175101  
 (21) **Søknadsnr:** EP2175101  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 43/12 (2006.01)*  
 (11) **Patentnr:** 345256  
 (21) **Søknadsnr:** 20120662  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 47/00 (2012.01)*  
*E21B 33/14 (2006.01)*  
*E21C 47/00 (2006.01)*  
*E21C 47/04 (2006.01)*  
 (11) **Patentnr:** NO/EP3633140  
 (21) **Søknadsnr:** EP3633140  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 47/09 (2012.01)*  
*E21B 47/12 (2012.01)*  
*G01N 27/72 (2006.01)*  
 (11) **Patentnr:** NO/EP2961924  
 (21) **Søknadsnr:** EP2961924  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
**Melding innkommet** 2021.12.01  
**patentstyret:**

(51) **Klasse:** *E21B 47/09 (2012.01)*  
*E21B 47/12 (2012.01)*  
*G01N 27/72 (2006.01)*  
 (11) **Patentnr:** NO/EP3447241  
 (21) **Søknadsnr:** EP3447241  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
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 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
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 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
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 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
**Pantsetter/innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
 Wilmington Trust, National Association, Global Capital  
 Markets, 50 South Sixth Street, Suite 1290, MN55402  
 MINNEAPOLIS, USA (US)  
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(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
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(11) **Patentnr:** NO/EP3514699  
(21) **Søknadsnr:** EP3514699  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford Technology Holdings, LLC, 2000 St. James  
Place, TX77056 HOUSTON, USA (US)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
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(21) **Søknadsnr:** EP3340483  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
**Pantsetter/innehaver:**  
Weatherford U.K. Limited, Gotham Road, East Leake,  
LE126JX LOUGHBOROUGH, LEICESTERSHIRE,  
Storbritannia (GB)  
**Panthaver:**  
Wilmington Trust, National Association, Global Capital  
Markets, 50 South Sixth Street, Suite 1290, MN55402  
MINNEAPOLIS, USA (US)  
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## Utløpte patenter

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(11) Patentnr: 2015004	(11) Patentnr: 314459
(11) Patentnr: 323065	(11) Patentnr: 316029
(11) Patentnr: 317621	(11) Patentnr: 326132
(11) Patentnr: 336585	(11) Patentnr: 315911
(11) Patentnr: 336842	(11) Patentnr: 326060
(11) Patentnr: 329643	(11) Patentnr: 327388
(11) Patentnr: 334341	(11) Patentnr: 337532
(11) Patentnr: 332726	(11) Patentnr: 320455
(11) Patentnr: 2012013	(11) Patentnr: 335827
(11) Patentnr: 336840	(11) Patentnr: 327282
(11) Patentnr: 314619	(11) Patentnr: 344105
(11) Patentnr: 331157	(11) Patentnr: 334517
(11) Patentnr: 327916	(11) Patentnr: 315342
(11) Patentnr: 325237	(11) Patentnr: 336214
(11) Patentnr: 321219	(11) Patentnr: 337553
(11) Patentnr: 315902	(11) Patentnr: 339607
(11) Patentnr: 2014023	(11) Patentnr: 316633
(11) Patentnr: 325672	(11) Patentnr: 331362
(11) Patentnr: 326620	
(11) Patentnr: 325987	
(11) Patentnr: 326510	
(11) Patentnr: 2011006	
(11) Patentnr: 326410	
(11) Patentnr: 325038	
(11) Patentnr: 328142	
(11) Patentnr: 339183	
(11) Patentnr: 328987	
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## Nye søknader om supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 80 (nye søknader).

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(73)	<b>Innehaver:</b>	Albireo AB
(74)	<b>Fullmektig:</b>	BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
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(21) **Søknadsnr:** EP2834643  
(73) **Innehaver:**  
Priavoid GmbH, Theodor-Heuss-Strasse 179, 52428  
JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
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(73) **Innehaver:**  
Priavoid GmbH, Theodor-Heuss-Strasse 179, 52428  
JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
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(73) **Innehaver:**  
Priavoid GmbH, Theodor-Heuss-Strasse 179, 52428  
JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
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(73) **Innehaver:**  
Priavoid GmbH, Theodor-Heuss-Strasse 179, 52428  
JÜLICH, Tyskland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
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