

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

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## Innholdsfortegnelse og inid-koder:

Meddelelse til søker/innehaver med ukjent adresse .....	3
Allment tilgjengelige patentsøknader (a) .....	4
Oversettelser av krav .....	19
Meddelte patenter B1 .....	20
Europeiske patenter (b1) med virkning i Norge .....	24
Innsigelser mot patent .....	55
Avgjørelser fra Klagenemnda .....	56
Overdragelser og navne-/adresseendringer i spesifiserte rettigheter .....	57
Trukne, avslåtte og henlagte søknader som er allment tilgjengelige .....	61
Meddelte supplerende beskyttelsessertifikater for legemidler (spc) .....	62
Endring i fullmaktsforhold .....	63

### 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
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(24)	Løpedag
(45)	Meddelt
(71)	Søker
(73)	Innehaver
(72)	Oppfinner
(74)	Fullmektig
(54)	Benevnelse

## Meddelelse til søker/innehaver med ukjent adresse

Meddelelse til innehaver av patent nr. 322697, Occurent AS.  
Det foreligger avgjørelse om opphør på grunn av ikke betalt årsavgift i patent nr. 322697.  
Avgjørelsen kan fås hos Patentstyret.

## Allment tilgjengelige patentsøknader (a)

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

- (51) **Klasse:** *A61H 3/04 (2006.01)*  
*B60T 7/10 (2006.01)*  
*A61G 5/10 (2006.01)*  
*B62B 5/04 (2006.01)*  
*A61H 3/04 (2006.01)*
- (21) **Søknadsnr:** 20181237
- (22) **Inndag:** 2018.09.24
- (41) **Allm.tilgj:** 2020.03.25
- (24) **Løpedag:** 2018.09.24
- (71) **Søker:**  
TOPRO INDUSTRI AS, Postboks 428, 2803 GJØVIK
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (72) **Oppfinner:**  
Jonas Berg, Platous gate 4 D, 0190 OSLO  
Martin Dahl, Hestehagen 42 B, 1615 FREDRIKSTAD  
Josef Tangen, Skogliveien 22, 1712 GRÅLUM
- (54) **Benevnelse:**  
Brake handle system for a rollator with a brake wire inside a frame
- Krav på norsk er innkommet 2019.10.22.

- (51) **Klasse:** *A61K 31/397 (2006.01)*  
*A61P 35/00 (2006.01)*
- (21) **Søknadsnr:** 20200035
- (22) **Inndag:** 2020.01.10
- (41) **Allm.tilgj:** 2008.06.17
- (30) **Prioritet:** 2005.10.07, US, 60/724,578  
2006.05.23, US, 60/802,840
- (62) **Utskilt fra:** 20082088, med inndato 2008.05.05
- (62) **Avdelt fra:** 20082088, med inndato 2008.05.05
- (86) **Int.inndag:** 2006.10.05
- (86) **Int.søknadsnr:** PCT/US2006/039126
- (24) **Løpedag:** 2006.10.05
- (68) **Basispatent:** 20082088, med inndato 2008.05.05
- (71) **Søker:**  
Exelixis Inc, P.O. Box 511, CA94083-0511 SOUTH SAN FRANCISCO, USA (US)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
Naing Aay, 112 North Rochester Street, CA94401 SAN MATEO, USA (US)  
Neel Kumar Anand, 977 El Camino Real, #303, CA94010 BURLINGAME, USA (US)  
Owen Joseph Bowles, 268 Manor Drive, Apt D3, CA94044 PACIFICA, USA (US)  
Joerg Bussenius, 223 Bonita Lane, CA94404 FOSTER CITY, USA (US)  
Simona Costanzo, 215 North El Monte Avenue, CA94022 LOS ALTOS, USA (US)  
Jeffry Kimo Curtis, 310 Redwood Road, CA94960 SAN ANSELMO, USA (US)  
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Kenneth D Rice, 444 Montecillo Road, CA94903 SAN RAFAEL, USA (US)  
Tsze H Tsang, 8367 Kent Drive, CA94530 EL CERRITO, USA (US)  
Steven Charles DeFina, 1232 Floribunda Ave 6, CA94010 BURLINGAME, USA (US)  
Charles M Blazey, 171 Randall Street, CA94131 SAN FRANCISCO, USA (US)
- (54) **Benevnelse:**  
MEK inhibitorer og fremgangsmåten for deres anvendelse

- (51) **Klasse:** *B23C 3/02 (2006.01)*  
*B24B 33/02 (2006.01)*  
*B24B 33/08 (2006.01)*  
*B24B 5/40 (2006.01)*  
*E21B 29/00 (2006.01)*
- (21) **Søknadsnr:** 20191531  
(22) **Inndag:** 2019.12.27  
(41) **Allm.tilgj:** 2019.12.27  
(30) **Prioritet:** 2017.05.31, US, 15/609,744  
(86) **Int.inndag:** 2018.04.30  
(86) **Int.søknadsnr:** PCT/US2018/030190  
(24) **Løpedag:** 2018.04.30  
(71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine  
Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Terry R Bussear, 17021 Aldine Westfield, TX77073  
HOUSTON, USA (US)
- (54) **Benevnelse:**  
ELECTROMECHANICAL ROTARY PIPE MILL OR HONE  
AND METHOD

Krav på norsk er innkommet 2019.12.27.

- (51) **Klasse:** *B63B 27/00 (2006.01)*  
*B63B 27/08 (2006.01)*  
*B63B 21/66 (2006.01)*  
*B63G 8/32 (2006.01)*  
*B63B 21/00 (2006.01)*  
*B63G 8/00 (2006.01)*
- (21) **Søknadsnr:** 20181231  
(22) **Inndag:** 2018.09.21  
(41) **Allm.tilgj:** 2020.03.23  
(24) **Løpedag:** 2018.09.21  
(71) **Søker:**  
USEA AS, Solhøgdevegen 11, 7021 TRONDHEIM
- (74) **Fullmektig:**  
LEOGRIF AS, Fornebuveien 33, 1366 LYSAKER, Norge
- (72) **Oppfinner:**  
Felipe Santana Lima, Lomviveien 22, 1364 FORNEBU  
Alex Alcocer Peñas, Kremlegrenda 68, 1352 KOLSÅS  
Ole Petter Hjelmstad, Kyvannsvegen 30 C, 7025  
TRONDHEIM
- (54) **Benevnelse:**  
A marine structure comprising a launch and recovery  
system

Krav på norsk er innkommet 2020.03.26.

- (51) **Klasse:** *B65D 21/02 (2006.01)*  
*B65D 43/02 (2006.01)*
- (21) **Søknadsnr:** 20190842  
(22) **Inndag:** 2019.07.04  
(41) **Allm.tilgj:** 2020.04.06  
(24) **Løpedag:** 2019.07.04  
(71) **Søker:**  
Stein Hofstad, Strindveien 32, 7052 TRONDHEIM
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (72) **Oppfinner:**  
Stein Hofstad, Strindveien 32, 7052 TRONDHEIM
- (54) **Benevnelse:**  
A case for storing articles and carrying articles by hand

Krav på norsk er innkommet 2020.01.15.

- (51) **Klasse:** *B65G 1/06 (2006.01)*  
*B65D 85/00 (2006.01)*  
*B65D 25/00 (2006.01)*  
*B65D 25/38 (2006.01)*
- (21) **Søknadsnr:** 20190710  
(22) **Inndag:** 2019.06.11  
(41) **Allm.tilgj:** 2020.04.06  
(24) **Løpedag:** 2019.06.11  
(71) **Søker:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578  
NEDRE VATS
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge
- (72) **Oppfinner:**  
Ingvar Fagerland, Holevegen 8, 5541 KOLNES
- (54) **Benevnelse:**  
STORAGE SYSTEM

Krav på norsk er innkommet 2020.01.24.

- (51) **Klasse:** *E21B 10/43 (2006.01)*  
*E21B 10/54 (2006.01)*  
*E21B 10/42 (2006.01)*
- (21) **Søknadsnr:** 20200214  
(22) **Inndag:** 2020.02.19  
(41) **Allm.tilgj:** 2020.02.19  
(30) **Prioritet:** 2017.07.28, US, 62/538,320  
(86) **Int.inndag:** 2018.07.26  
(86) **Int.søknadsnr:** PCT/US2018/043941  
(24) **Løpedag:** 2018.07.26  
(71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine  
Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Travis NISSLEY, 3190 Mary Etta Ln., VA210171  
HEMDON, USA (US)  
Alexander Rodney BOEHM, 6620 W 32nd Ave., CO80033  
WEST RIDGE, USA (US)
- (54) **Benevnelse:**  
EARTH-BORING TOOLS INCLUDING CUTTING  
ELEMENT PROFILES CONFIGURED TO REDUCE  
WORK RATES

Krav på norsk er innkommet 2020.02.19.

- (51) **Klasse:** *E21B 17/01 (2006.01)*  
 (21) **Søknadsnr:** 20191524  
 (22) **Inndag:** 2019.12.23  
 (41) **Allm.tilgj:** 2019.12.23  
 (30) **Prioritet:** 2017.05.30, BR, 10 2017 011384-1  
 (86) **Int.inndag:** 2018.05.30  
 (86) **Int.søknadsnr:** PCT/GB2018/051463  
 (24) **Løpedag:** 2018.05.30  
 (71) **Søker:**  
 Petroleo Brasileiro S.A. - PETROBRAS, Av. Republica do Chile no. 65 RIO DE JANEIRO, Brasil (BR)
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
 Marco Carpigiani de Almeida, Rua Maria Quiteria no.88, apt. 301, Ipanema, 22140-040 RIO DE JANEIRO, Brasil (BR)  
 Goerge Cameiro Campello, Rua Marques de Olinda no. 38, apt.205, Bl.01, Botafogo, 22251-040 RIO DE JANEIRO, Brasil (BR)  
 Jonatas Ribeiro, Estrada dos Bandeirantes no.16.243, casa 83, Vargem Grande, 22783-118 RIO DE JANEIRO, Brasil (BR)  
 Rafael Guimaraes de Mello Sobreira, Rua Barrao do Flamengo no.50, apt.1101, Flamengo, 2222-080 RIO DE JANEIRO, Brasil (BR)  
 Walter Carrara Loureiro Junior, Rua Sao Francisco Xavier no.25, apt. 801, Tijuca, 20550-010 RIO DE JANEIRO, Brasil (BR)  
 Marcelo Torres Piza Paes, Rua Republica do Peru no. 481, apt.805, Copacabana, 22021-040 RIO DE JANEIRO, Brasil (BR)
- (54) **Benevnelse:**  
 System and method for forced circulation of fluids through the annulus of a flexible pipe

- (51) **Klasse:** *E21B 17/01 (2006.01)*  
*E21B 17/02 (2006.01)*  
*F16L 11/08 (2006.01)*  
*F16L 11/12 (2006.01)*  
*F16L 11/22 (2006.01)*  
*F16L 33/01 (2006.01)*  
*F16L 58/00 (2006.01)*
- (21) **Søknadsnr:** 20191526  
 (22) **Inndag:** 2019.12.23  
 (41) **Allm.tilgj:** 2019.12.23  
 (30) **Prioritet:** 2017.05.30, BR, 10 2017 011388-4  
 (86) **Int.inndag:** 2018.05.30  
 (86) **Int.søknadsnr:** PCT/GB2018/051459  
 (24) **Løpedag:** 2018.05.30  
 (71) **Søker:**  
 Petroleo Brasileiro S.A. - PETROBRAS, Av. Republica do Chile no. 65 RIO DE JANEIRO, Brasil (BR)
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
 Marco Carpigiani de Almeida, Rua Maria Quiteria no.88, apt. 301, Ipanema, 22140-040 RIO DE JANEIRO, Brasil (BR)  
 Goerge Cameiro Campello, Rua Marques de Olinda no. 38, apt.205, Bl.01, Botafogo, 22251-040 RIO DE JANEIRO, Brasil (BR)  
 Jonatas Ribeiro, Estrada dos Bandeirantes no.16.243, casa 83, Vargem Grande, 22783-118 RIO DE JANEIRO, Brasil (BR)  
 Rafael Guimaraes de Mello Sobreira, Rua Barrao do Flamengo no.50, apt.1101, Flamengo, 2222-080 RIO DE JANEIRO, Brasil (BR)  
 Walter Carrara Loureiro Junior, Rua Sao Francisco Xavier no.25, apt. 801, Tijuca, 20550-010 RIO DE JANEIRO, Brasil (BR)  
 Marcelo Torres Piza Paes, Rua Republica do Peru no. 481, apt.805, Copacabana, 22021-040 RIO DE JANEIRO, Brasil (BR)
- (54) **Benevnelse:**  
 Flexible pipe connector suitable for effecting control and forced circulation of anti-corrosive fluids through the annulus of the flexible pipe

- (51) **Klasse:** *E21B 17/10 (2006.01)*  
*E21B 10/62 (2006.01)*  
*E21C 35/183 (2006.01)*
- (21) **Søknadsnr:** 20190917  
 (22) **Inndag:** 2019.07.23  
 (41) **Allm.tilgj:** 2020.03.02  
 (30) **Prioritet:** 2018.08.29, IB, PCT/US2018/048597  
 (24) **Løpedag:** 2019.07.23  
 (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
 A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia
- (72) **Oppfinner:**  
 Krutibas Panda, 127 Green Gables Circle, TX77382 THE WOODLANDS, USA (US)  
 Brian Lee Doud, 9602 Ashdown Forest Drive, TX77379 KLEIN, USA (US)
- (54) **Benevnelse:**  
 Methods and Applications of Wear Resistant Material Enhanced via Matrix and Hard-Phase Optimization

(51) **Klasse:** *E21B 17/10 (2006.01)*  
*E21B 37/00 (2006.01)*

(21) **Søknadsnr:** 20200158  
(22) **Inndag:** 2020.02.07  
(41) **Allm.tilgj:** 2020.02.07  
(30) **Prioritet:** 2017.11.27, US, 62/591,025  
(86) **Int.inndag:** 2018.11.27  
(86) **Int.søknadsnr:** PCT/US2018/062607  
(24) **Løpedag:** 2018.11.27  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston  
Parkway E, TX77032-3219 HOUSTON, USA (US)

(74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON,  
Storbritannia

(72) **Oppfinner:**  
Arthur Terry Stautzenberger, 2104 CR 140, TX78626  
GEORGETOWN, USA (US)

(54) **Benevnelse:**  
A running tool and method of cleaning a downhole well  
casing

(51) **Klasse:** *E21B 19/15 (2006.01)*  
*E21B 19/20 (2006.01)*  
*E21B 15/00 (2006.01)*

(21) **Søknadsnr:** 20191071  
(22) **Inndag:** 2019.09.06  
(41) **Allm.tilgj:** 2020.03.09  
(30) **Prioritet:** 2018.09.06, US, 62/727,804  
(24) **Løpedag:** 2019.09.06  
(71) **Søker:**  
Cameron Technologies Limited, Parkstraat 83, 2514JG  
HAAG, Nederland (NL)

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

(72) **Oppfinner:**  
Rolf Gullaksen, 4601 Westway Park Blvd., TX77041  
HOUSTON, USA (US)  
Erling Tambs, Andøyfaret 3, 4623 KRISTIANSAND S  
Kenneth Birkeland, Andøyfaret 3, 4623 KRISTIANSAND S

(54) **Benevnelse:**  
FINGERBOARD

(51) **Klasse:** *E21B 23/00 (2006.01)*  
*F16H 21/44 (2006.01)*  
*E21B 41/00 (2006.01)*

(21) **Søknadsnr:** 20200010  
(22) **Inndag:** 2020.01.06  
(41) **Allm.tilgj:** 2020.01.06  
(30) **Prioritet:** 2017.06.20, US, 62/522,326  
(86) **Int.inndag:** 2018.06.20  
(86) **Int.søknadsnr:** PCT/US2018/038592  
(24) **Løpedag:** 2018.06.20  
(71) **Søker:**  
Sondex Wireline Limited, Range Road, Cody Technology  
Park, GU140FG FARNBOROUGH, HAMPSHIRE,  
Storbritannia (GB)

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

(72) **Oppfinner:**  
James David Ratcliffe, Building X107 Range Road, Cody  
Technology Park, GU140FG FARNBOROUGH,  
HAMPSHIRE, Storbritannia (GB)  
Timothy Michael Gill, Building X107 Range Road, Cody  
Technology Park, GU140FG FARNBOROUGH,  
HAMPSHIRE, Storbritannia (GB)

(54) **Benevnelse:**  
ARM DEPLOYMENT SYSTEM AND METHOD

Krav på norsk er innkommet 2020.01.06.

(51) **Klasse:** *E21B 23/06 (2006.01)*  
*E21B 33/16 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 43/10 (2006.01)*

(21) **Søknadsnr:** 20200147  
(22) **Inndag:** 2020.02.05  
(41) **Allm.tilgj:** 2020.02.05  
(30) **Prioritet:** 2017.07.24, US, 15/657,986  
(86) **Int.inndag:** 2018.07.20  
(86) **Int.søknadsnr:** PCT/US2018/043153  
(24) **Løpedag:** 2018.07.20  
(71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine  
Westfield, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Mark K Adam, 1036 Al Gregg Street, TX77009 HOUSTON,  
USA (US)

(54) **Benevnelse:**  
COMBINATION BOTTOM UP AND TOP DOWN  
CEMENTING WITH REDUCED TIME TO SET LINER  
HANGER/PACKER AFTER TOP DOWN CEMENTING

Krav på norsk er innkommet 2020.02.05.

(51) **Klasse:** *E21B 23/14 (2006.01)*  
*D07B 1/14 (2006.01)*  
*H01B 7/04 (2006.01)*  
*E21B 23/00 (2006.01)*

(21) **Søknadsnr:** 20200168  
(22) **Inndag:** 2020.02.10  
(41) **Allm.tilgj:** 2020.02.10  
(30) **Prioritet:** 2017.08.17, GB, 1713209.3  
(86) **Int.inndag:** 2018.08.17  
(86) **Int.søknadsnr:** PCT/GB2018/052341  
(24) **Løpedag:** 2018.08.17  
(71) **Søker:**  
ZIEBEL AS, Energiveien 10, 4056 TANANGER

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

(72) **Oppfinner:**  
Neil Livingston Gardner, 6 Bishop Terrace, KY139JW  
KINROSS, CENTRAL SCOTLAND, Storbritannia (GB)

(54) **Benevnelse:**  
Well logging assembly

(51) **Klasse:** *E21B 28/00 (2006.01)*  
*E21B 33/13 (2006.01)*  
*E21B 43/00 (2006.01)*  
*E21B 33/138 (2006.01)*  
*E21B 28/00 (2006.01)*  
*E21B 37/00 (2006.01)*  
*E21B 43/00 (2006.01)*  
*E21B 43/112 (2006.01)*

(21) **Søknadsnr:** 20200099  
(22) **Inndag:** 2020.01.27  
(41) **Allm.tilgj:** 2020.01.27  
(30) **Prioritet:** 2017.07.13, NO, 20171163  
(86) **Int.inndag:** 2018.07.12  
(86) **Int.søknadsnr:** PCT/NO2018/050189  
(24) **Løpedag:** 2018.07.12  
(71) **Søker:**  
Tyrfing Innovation AS, Knappholen 23, 4345 BRYNE

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

(72) **Oppfinner:**  
Morten Lerbeek, Knappholen 23, 4345 BRYNE

(54) **Benevnelse:**  
A downhole apparatus and a method at a downhole  
location

(51) **Klasse:** *E21B 29/00 (2006.01)*  
*E21B 10/32 (2006.01)*

(21) **Søknadsnr:** 20200161

(22) **Inndag:** 2020.02.07

(41) **Allm.tilgj:** 2020.02.07

(30) **Prioritet:** 2017.07.13, GB, 1711287.1

(86) **Int.inndag:** 2018.07.09

(86) **Int.søknadsnr:** PCT/NO2018/050182

(24) **Løpedag:** 2018.07.09

(71) **Søker:**  
EQUINOR ENERGY AS, Forusbeen 50, 4035  
STAVANGER

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

(72) **Oppfinner:**  
Gaute Grindhaug, Hubrovn. 11, 4042 HAFRSFJORD  
Morten EIDEM, Haakon Odd Christiansens vei 36, 7048  
TRONDHEIM

(54) **Benevnelse:**  
CUTTING TOOL WITH PIVOTALLY FIXED CUTTERS

(51) **Klasse:** *E21B 33/035 (2006.01)*  
*E21B 34/04 (2006.01)*  
*E21B 41/00 (2006.01)*

(21) **Søknadsnr:** 20200081

(22) **Inndag:** 2020.01.22

(41) **Allm.tilgj:** 2020.01.22

(30) **Prioritet:** 2017.06.29, GB, 1710405.0

(86) **Int.inndag:** 2018.06.26

(86) **Int.søknadsnr:** PCT/NO2018/050173

(24) **Løpedag:** 2018.06.26

(71) **Søker:**  
Equinor Energy AS, Forusbeen 50, 4035 STAVANGER

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

(72) **Oppfinner:**  
Morten Aga, Fjellgaten 2, 5003 BERGEN

(54) **Benevnelse:**  
Tubing Hanger Installation Tool

Krav på norsk er innkommet 2020.02.13.

(51) **Klasse:** *E21B 33/04 (2006.01)*  
*E21B 19/10 (2006.01)*

(21) **Søknadsnr:** 20200128

(22) **Inndag:** 2020.02.03

(41) **Allm.tilgj:** 2020.02.03

(30) **Prioritet:** 2017.07.18, US, 62/534,044

(86) **Int.inndag:** 2018.07.18

(86) **Int.søknadsnr:** PCT/US2018/042637

(24) **Løpedag:** 2018.07.18

(71) **Søker:**  
GE Oil & Gas Pressure Control LP, 4424 West Sam  
Houston Parkway North, Suite 100, TX77041 HOUSTON,  
USA (US)

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

(72) **Oppfinner:**  
Rodolfo Lugo, 11330 Clay Road, TX77041 HOUSTON,  
USA (US)  
Gajanan B Hedge, 4424 West Sam Houston Parkway  
North, Suite 100, TX77041 HOUSTON, USA (US)  
Andrew Browne Helvenston, 4424 West Sam Houston  
Parkway North, Suite 100, TX77041 HOUSTON, USA  
(US)  
Satish Ramasheshaiah, 4425 West Boulevard, Westway  
Iii, TX77041 HOUSTON, USA (US)  
Eugene Allen Borak, 4425 West Sam Houston Parkway  
North, Suite 100, TX77041 HOUSTON, USA (US)  
Chijie Lin, 12221 North Houston Rosslyn Rd., TX77086  
HOUSTON, USA (US)  
Carroll Jean Brunjes, 12221 N Houston Rosslyn Rd.,  
TX77086 HOUSTON, USA (US)

(54) **Benevnelse:**  
SLIP HANGER ASSEMBLY

Krav på norsk er innkommet 2020.03.03.

(51) **Klasse:** *E21B 33/064 (2006.01)*  
*E21B 34/16 (2006.01)*

(21) **Søknadsnr:** 20191486

(22) **Inndag:** 2019.12.17

(41) **Allm.tilgj:** 2019.12.17

(30) **Prioritet:** 2017.06.15, US, 15/624,414

(86) **Int.inndag:** 2018.05.07

(86) **Int.søknadsnr:** PCT/US2018/031324

(24) **Løpedag:** 2018.05.07

(71) **Søker:**  
Hydriil USA Distribution LLC, 3300 North Sam Houston  
Parkway East, TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Douglas Milliman, 3300 N Sam Houston Parkway East,  
TX77032 HOUSTON, USA (US)  
Luis E Huerta, 3300 N Sam Houston Parkway, TX77032  
HOUSTON, USA (US)  
John S. HOLMES, 3300 N. Sam Houston Parkway East,  
TX77032-3411 HOUSTON, USA (US)  
Amine ABOU-ASSAAD, 4424 West Sam Houston  
Parkway NorthSuite 100, TX77041 HOUSTON, USA (US)

(54) **Benevnelse:**  
SIL RATED SYSTEM FOR BLOWOUT PREVENTER  
CONTROL

Krav på norsk er innkommet 2019.12.17.



- (51) **Klasse:** *E21B 33/068 (2006.01)*  
*E21B 47/09 (2012.01)*  
*G01V 1/52 (2006.01)*  
*G01V 11/00 (2006.01)*
- (21) **Søknadsnr:** 20200300  
(22) **Inndag:** 2020.03.12  
(41) **Allm.tilgj:** 2020.03.12  
(30) **Prioritet:** 2017.08.15, BR, BR102017017526-0  
(86) **Int.inndag:** 2017.09.19  
(86) **Int.søknadsnr:** PCT/BR2017/050275  
(24) **Løpedag:** 2017.09.19  
(71) **Søker:**  
INSFOR – INNOVATIVE SOLUTIONS FOR ROBOTICS  
LTDA. ME, Rua Gal. Argolo 61, São Cristóvão, 20921-392  
RIO DE JANEIRO, Brasil (BR)
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (72) **Oppfinner:**  
Alexandre Ormiga Galvão Barbosa, Rua Geraldo Irenio  
Joffily 130, Recreio Dos Bandeirantes, 22795-5 RIO DE  
JANEIRO, Brasil (BR)  
Daniel Zacarias Freitas, Rua Vice Governador Rubens,  
Berardo 175/605, Bloco 1, Gavea, 22451-070 RIO DE  
JANEIRO, Brasil (BR)  
Julio Quadrio De Moura Guedes, Rua Bento Lisboa 11,  
902 Catete, 22221-010 RIO DE JANEIRO, Brasil (BR)  
Paulo Dore Fernandes, Rua Mem De Sá 127, 503 Icarai,  
24220-260 NITEROI, Brasil (BR)
- (54) **Benevnelse:**  
AUTONOMOUS UNIT LAUNCHING SYSTEM FOR OIL  
AND GAS WELLS LOGGING, METHOD OF  
INSTALLATION AND UNINSTALLATION OF SAID  
AUTONOMOUS UNIT IN THE SYSTEM AND RESCUE  
SYSTEM

- (51) **Klasse:** *E21B 33/08 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/128 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 43/04 (2006.01)*  
*E21B 43/38 (2006.01)*
- (21) **Søknadsnr:** 20191532  
(22) **Inndag:** 2019.12.27  
(41) **Allm.tilgj:** 2019.12.27  
(30) **Prioritet:** 2017.06.28, US, 15/635,766  
(86) **Int.inndag:** 2018.06.28  
(86) **Int.søknadsnr:** PCT/US2018/039882  
(24) **Løpedag:** 2018.06.28  
(71) **Søker:**  
Schlumberger Technology B.V., Parkstraat 83, 2514JG  
HAAG, Nederland (NL)
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
SANDNES, Norge
- (72) **Oppfinner:**  
Joseph Varkey, 2815 Stone River Lane, TX77479 SUGAR  
LAND, USA (US)  
Sheng Chang, 5410 Mornington Drive, TX77478 SUGAR  
LAND, USA (US)  
Jared Mangum, 13318 Orchard Shadows Drive, TX77407  
RICHMOND, USA (US)  
Ramadan Mansour, 13511 Mooring Pointe Drive,  
TX77584 PEARLAND, USA (US)  
Montie Morrison, 6918 Dutch John Circle, TX77469  
RICHMOND, USA (US)  
Qingdi Huang, 2323 Long Reach Drive, Apt #4303,  
TX77478 SUGAR LAND, USA (US)  
Gregory Au, 3000 Sage Road., Apt #1215, TX77056  
HOUSTON, USA (US)  
Daniel Hogan, 3110 Peach Tree Lane, TX77459  
MISSOURI CITY, USA (US)
- (54) **Benevnelse:**  
Packoff seals and processes for using same

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 33/127 (2006.01)*
- (21) **Søknadsnr:** 20191529  
(22) **Inndag:** 2019.12.23  
(41) **Allm.tilgj:** 2019.12.23  
(86) **Int.inndag:** 2017.07.21  
(86) **Int.søknadsnr:** PCT/US2017/043361  
(85) **Videref.dag:** 2020.01.02  
(24) **Løpedag:** 2017.07.21  
(71) **Søker:**  
Halliburton Energy Services Inc, 3000 N. Sam Houston  
Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie  
Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**  
Steve Robert Jr Pounds, 2308 Sir Belin DR., TX75056  
LEWISVILLE, USA (US)
- (54) **Benevnelse:**  
Annular bypass packer

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 33/127 (2006.01)*
- (21) **Søknadsnr:** 20191530  
(22) **Inndag:** 2019.12.23  
(41) **Allm.tilgj:** 2019.12.23  
(86) **Int.inndag:** 2017.07.31  
(86) **Int.søknadsnr:** PCT/US2017/044642  
(24) **Løpedag:** 2017.07.31  
(71) **Søker:**  
Halliburton Energy Services Inc, 3000 N. Sam Houston  
Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie  
Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**  
Geir Gjelstad, 17811 Vail Street, Apt. 5220, TX75287  
DALLAS, USA (US)  
Ankit Purohit, 11 Tuas South Avenue 12, 637131,  
Singapore (SG)
- (54) **Benevnelse:**  
Downhole packer ring apparatus and method of  
assembling thereof

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 33/127 (2006.01)*
- (21) **Søknadsnr:** 20200062
- (22) **Inndag:** 2020.01.17
- (41) **Allm.tilgj:** 2020.01.17
- (86) **Int.inndag:** 2017.11.14
- (86) **Int.søknadsnr:** PCT/US2017/061553
- (24) **Løpedag:** 2017.11.14
- (71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia
- (72) **Oppfinner:**  
Richard Decena Ornelaz, 11341 Covey Point Lane, TX75035 FRISCO, USA (US)  
Stephan Michael Greci, 3113 Luminara Drive, TX75068 LITTLE ELM, USA (US)  
Xiaoguang Allan Zhong, 6325 Neiman Road, TX75025 PLANO, USA (US)  
Dan James Vick Jr, 13545 Purple Sage Road, TX75240 DALLAS, USA (US)  
Peter C Dagenais, 4009 Heron Cove Land, TX75056 THE COLONY, USA (US)  
Abdel Hamid R Abeidoh, 3540 Briargrove Lane, TX75287 DALLAS, USA (US)
- (54) **Benevnelse:**  
System to Control Swab Off While Running a Packer Device

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 33/128 (2006.01)*  
*F16J 15/02 (2006.01)*
- (21) **Søknadsnr:** 20200146
- (22) **Inndag:** 2020.02.05
- (41) **Allm.tilgj:** 2020.02.05
- (30) **Prioritet:** 2017.07.13, US, 15/649,363
- (86) **Int.inndag:** 2018.07.12
- (86) **Int.søknadsnr:** PCT/US2018/041880
- (24) **Løpedag:** 2018.07.12
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Guijun DENG, 46 W. Artist Grove Place, TX77382 WOODLANDS, USA (US)  
John K. WAKEFIELD, 15623 Tylermont Drive, TX77429 CYPRESS, USA (US)  
Alexander M. KENDALL, 2024 Indiana Street, TX77019 HOUSTON, USA (US)  
Adam PATTERSON, 6018 Hedgepark Drive, TX77407 RICHMOND, USA (US)
- (54) **Benevnelse:**  
Slotted backup ring assembly
- Krav på norsk er innkommet 2020.02.05.

- (51) **Klasse:** *E21B 33/127 (2006.01)*  
*E21B 43/12 (2006.01)*  
*F04B 47/06 (2006.01)*  
*F04D 13/10 (2006.01)*  
*F04D 29/08 (2006.01)*
- (21) **Søknadsnr:** 20200223
- (22) **Inndag:** 2020.02.20
- (41) **Allm.tilgj:** 2020.02.20
- (30) **Prioritet:** 2017.08.04, US, 62/541,546  
2018.05.08, US, 15/973,699
- (86) **Int.inndag:** 2018.06.15
- (86) **Int.søknadsnr:** PCT/US2018/037752
- (24) **Løpedag:** 2018.06.15
- (71) **Søker:**  
BAKER HUGHES, A GE COMPANY, LLC, 14990 Yorktown Plaza Drive, TX77040 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Ryan Semple, 7090 Hackberry Ridge, OK74055 OWASSO, USA (US)  
Aron M Meyer, 13 Sunshine Lane, OK74361 PRYOR, USA (US)  
David Farnsworth McManus, 6903 S. Jamestown Avenue, OK74136 TULSA, USA (US)  
Joseph Scott Thompson, 14505 E. 110th PI N., OK74055 OWASSO, USA (US)
- (54) **Benevnelse:**  
Seal Bladder Bonding Sleeves For Submersible Well Pump Assembly

Krav på norsk er innkommet 2020.02.20.

- (51) **Klasse:** *E21B 33/13 (2006.01)*  
*C04B 28/02 (2006.01)*  
*C04B 22/12 (2006.01)*  
*C04B 20/10 (2006.01)*  
*C09K 8/467 (2006.01)*
- (21) **Søknadsnr:** 20200024
- (22) **Inndag:** 2020.01.08
- (41) **Allm.tilgj:** 2020.01.08
- (30) **Prioritet:** 2017.06.26, US, 62/524,651
- (86) **Int.inndag:** 2018.06.20
- (86) **Int.søknadsnr:** PCT/US2018/038495
- (24) **Løpedag:** 2018.06.20
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Harold D Brannon, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Shailesh Shashank Dighe, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
D.V. Satyanarayana Gupta, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Matthew Kellum, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
SET ON DEMAND CEMENT

Krav på norsk er innkommet 2020.01.08.

- (51) **Klasse:** *E21B 33/138 (2006.01)*  
*E21B 27/02 (2006.01)*  
*E21B 33/12 (2006.01)*
- (21) **Søknadsnr:** 20200189
- (22) **Inndag:** 2020.02.13
- (41) **Allm.tilgj:** 2020.02.13
- (86) **Int.inndag:** 2017.10.06
- (86) **Int.søknadsnr:** PCT/US2017/055623
- (24) **Løpedag:** 2017.10.06
- (71) **Søker:**  
Halliburton Energy Services, Inc, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)
- (74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia
- (72) **Oppfinner:**  
Gunnar Lende, Austerheimvegen 67, 4055 SOLA Tor Saetre, 3876 Ponderosa Peak Drive, TX77386 SPRING, USA (US)
- (54) **Benevnelse:**  
Section Milled Window Cementing Diverter

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*F16K 1/18 (2006.01)*  
*F16K 1/34 (2006.01)*  
*E21B 34/00 (2006.01)*
- (21) **Søknadsnr:** 20171593
- (22) **Inndag:** 2017.10.05
- (41) **Allm.tilgj:** 2017.10.05
- (30) **Prioritet:** 2015.03.18, US, 14/661,702
- (86) **Int.inndag:** 2016.02.18
- (86) **Int.søknadsnr:** PCT/US2016/018463
- (24) **Løpedag:** 2016.02.18
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
John L BERNARD, 2929 Allen Parkway Suite 2100, TX77019-2118 HOUSTON, USA (US)  
Michael L HAIR, 2929 Allen Parkway Suite 2100, TX77019-2118 HOUSTON, USA (US)
- (54) **Benevnelse:**  
FLAPPER VALVE

Krav på norsk er innkommet 2017.10.20.

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 43/08 (2006.01)*
- (21) **Søknadsnr:** 20191501
- (22) **Inndag:** 2019.12.19
- (41) **Allm.tilgj:** 2019.12.19
- (86) **Int.inndag:** 2017.06.22
- (86) **Int.søknadsnr:** PCT/CN2017/089532
- (24) **Løpedag:** 2017.06.22
- (71) **Søker:**  
Starse Energy and Technology (Group) Co., Ltd., 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (72) **Oppfinner:**  
Yi Huian, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Li Boren, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Wang Zhenxiang, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Zhuang Qiansheng, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Chen Shanyin, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Liu Miaoren, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Huang Xipeng, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Li Wenfei, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Yi Qizun, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)  
Tao Zheng, 13/F, Tower C of Grand Place, No. 5 Huizhong Road, Chaoyang District, 100101 BEIJING, Kina (CN)
- (54) **Benevnelse:**  
Composite water-controlling and flow-limiting device and screen pipe thereof

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 23/04 (2006.01)*
- (21) **Søknadsnr:** 20200101
- (22) **Inndag:** 2020.01.27
- (41) **Allm.tilgj:** 2020.01.27
- (30) **Prioritet:** 2017.07.05, US, 15/641,874
- (86) **Int.inndag:** 2018.07.03
- (86) **Int.søknadsnr:** PCT/US2018/040773
- (24) **Løpedag:** 2018.07.03
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Kent S. MEYER, 11 Moonlit Ridge Court, TX 77375 TOMBALL, USA (US)  
Yingqing XU, 11711 Rivergroove Ct., TX77377 TOMBALL, USA (US)
- (54) **Benevnelse:**  
POTENTIAL ENERGY ACTUATED VALVE TRIGGERED BY COLLAPSE OF A SUPPORT MEMBER

Krav på norsk er innkommet 2020.01.27.

(51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 47/12 (2012.01)*  
*E21B 23/03 (2006.01)*  
*E21B 17/02 (2006.01)*

(21) **Søknadsnr:** 20200148  
(22) **Inndag:** 2020.02.05  
(41) **Allm.tilgj:** 2020.02.05  
(30) **Prioritet:** 2017.07.24, US, 15/657,464  
(86) **Int.inndag:** 2018.06.20  
(86) **Int.søknadsnr:** PCT/US2018/038491  
(24) **Løpedag:** 2018.06.20  
(71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Stephen COULSTON, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
REPLACEABLE DOWNHOLE ELECTRONIC HUB

Krav på norsk er innkommet 2020.02.05.

(51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 31/03 (2006.01)*  
*E21B 21/10 (2006.01)*  
*E21B 43/10 (2006.01)*

(21) **Søknadsnr:** 20200195  
(22) **Inndag:** 2020.02.14  
(41) **Allm.tilgj:** 2020.02.14  
(86) **Int.inndag:** 2017.11.20  
(86) **Int.søknadsnr:** PCT/US2017/062528  
(24) **Løpedag:** 2017.11.20  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)

(74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia

(72) **Oppfinner:**  
Lonnie Carl Helms, 17031 Stones River Lane, TX77346 HUMBLE, USA (US)  
Kevin Wendell Ardoin, 25318 Auburn Bend Drive, TX77389 SPRING, USA (US)  
Stephen Allen Yeldell, 19907 Pine Wind Drive, TX77346 HUMBLE, USA (US)  
Julio Alberto Cornejo, 13806 New Village Lane, TX77498 SUGAR LAND, USA (US)  
Frank Vinicio Acosta, 3635 Cottage Pines Lane, TX77386 SPRING, USA (US)  
Saul Emmanuel Vazquez Niebla, 12618 Crockett Bend Lane, TX77346 HUMBLE, USA (US)

(54) **Benevnelse:**  
Full Bore Buoyancy Assisted Casing System

(51) **Klasse:** *E21B 34/10 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 23/00 (2006.01)*  
*F16K 31/122 (2006.01)*  
*E21B 34/00 (2006.01)*  
*E21B 43/08 (2006.01)*

(21) **Søknadsnr:** 20200192  
(22) **Inndag:** 2020.02.14  
(41) **Allm.tilgj:** 2020.02.14  
(30) **Prioritet:** 2017.07.31, US, 15/664,411  
(86) **Int.inndag:** 2018.06.26  
(86) **Int.søknadsnr:** PCT/US2018/039472  
(24) **Løpedag:** 2018.06.26  
(71) **Søker:**  
BAKER HUGHES, A GE COMPANY, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Elmer Peterson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Eugene Stolboushkin, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Joshua Raymond Snitkoff, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Roy Woudwijk, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Tarik Abdelfattah, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
Valve and Method

Krav på norsk er innkommet 2020.02.14.

- (51) **Klasse:** *E21B 34/10 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/124 (2006.01)*  
*E21B 49/08 (2006.01)*  
*E21B 23/06 (2006.01)*
- (21) **Søknadsnr:** 20200193  
(22) **Inndag:** 2020.02.14  
(41) **Allm.tilgj:** 2020.02.14  
(30) **Prioritet:** 2017.08.07, US, 15/670,717  
(86) **Int.inndag:** 2018.10.03  
(86) **Int.søknadsnr:** PCT/US2018/054184  
(24) **Løpedag:** 2018.10.03  
(71) **Søker:**  
GE OIL & GAS PRESSURE CONTROL LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Detrick Deyon Garner, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)  
Alfred Olvera, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)  
Eugene Borak, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)  
Jason Armistead, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)  
Samuel Cheng, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)  
John Warner, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)  
Nathan Burcham, c/o Ge Oil & Gas Pressure Control LP, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)
- (54) **Benevnelse:**  
TEST DART SYSTEM AND METHOD
- Krav på norsk er innkommet 2020.02.14.

- (51) **Klasse:** *E21B 34/14 (2006.01)*  
*E21B 4/00 (2006.01)*  
*F01L 23/00 (2006.01)*  
*E21B 34/00 (2006.01)*  
*F01L 9/04 (2006.01)*
- (21) **Søknadsnr:** 20200181  
(22) **Inndag:** 2020.02.13  
(41) **Allm.tilgj:** 2020.02.13  
(30) **Prioritet:** 2017.08.08, US, 15/671,488  
(86) **Int.inndag:** 2018.07.09  
(86) **Int.søknadsnr:** PCT/US2018/041194  
(24) **Løpedag:** 2018.07.09  
(71) **Søker:**  
BAKER HUGHES, A GE COMPANY, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Conrad Kao, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Eugene Stolboushkin, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Joshua Raymond Snitkoff, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
John Patrick Speights, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Shay Hetz, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Jack Hudson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Luke Alan Boyer, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Anjani Achanta, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
UNITARY ACTUATOR VALVE FOR DOWNHOLE OPERATIONS
- Krav på norsk er innkommet 2020.02.13.

- (51) **Klasse:** *E21B 34/16 (2006.01)*  
*E21B 33/035 (2006.01)*  
*F15B 1/24 (2006.01)*  
*F04B 9/123 (2006.01)*  
*F15B 21/00 (2006.01)*
- (21) **Søknadsnr:** 20200155  
(22) **Inndag:** 2020.02.06  
(41) **Allm.tilgj:** 2020.02.06  
(30) **Prioritet:** 2017.08.14, US, 62/545,293  
(86) **Int.inndag:** 2018.08.14  
(86) **Int.søknadsnr:** PCT/US2018/046739  
(24) **Løpedag:** 2018.08.14  
(71) **Søker:**  
Bastion Technologies Inc, 17625 El Camino Real, Suite 330, TX77058 HOUSTON, USA (US)
- (74) **Fullmektig:**  
MB Norway AS, Fossumveien 2, 3440 RØYKEN, Norge
- (72) **Oppfinner:**  
Charles Coppedge, 17625 El Camino Real, Suite 330, TX77058 HOUSTON, USA (US)  
Nazareth Bedrossian, 17625 El Camino Real, Suite 330, TX77058 HOUSTON, USA (US)  
Randel Hoskins, 10809 120th Avenue, WA98033 KIRKLAND, USA (US)
- (54) **Benevnelse:**  
Reusable gas generator driven pressure supply system

- (51) **Klasse:** *E21B 41/00 (2006.01)*  
*E21B 7/18 (2006.01)*
- (21) **Søknadsnr:** 20200017
- (22) **Inndag:** 2020.01.07
- (41) **Allm.tilgj:** 2020.01.07
- (30) **Prioritet:** 2017.07.14, US, 62/532,741
- (86) **Int.inndag:** 2018.07.13
- (86) **Int.søknadsnr:** PCT/US2018/042012
- (24) **Løpedag:** 2018.07.13
- (71) **Søker:**  
BP Corporation North America Inc., 501 Westlake Park Boulevard, TX77079 HOUSTON, USA (US)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
Madhusuden AGRAWAL, 501 Westlake Park Boulevard, TX77079 HOUSTON, USA (US)  
Paulo Jorge Da Cunha GOMES, Chertsey Road, TW167LN SUNBURY ON THAMES, MIDDLESEX, Storbritannia (GB)  
James H. KNIGHT, 501 Westlake Park Boulevard, TX77079 HOUSTON, USA (US)  
Satpreet NANDA, 501 Westlake Park Boulevard, TX77079 HOUSTON, USA (US)  
Lei ZHOU, 501 Westlake Park Boulevard, TX77079 HOUSTON, USA (US)  
Eugene SWEENEY, 501 Westlake Park Boulevard, TX77079 HOUSTON, USA (US)
- (54) **Benevnelse:**  
SYSTEMS AND METHOD FOR MITIGATING AN UNCONTROLLED FLUID FLOW FROM A TARGET WELLBORE USING A RELIEF WELLBORE

- (51) **Klasse:** *E21B 41/00 (2006.01)*  
*E21B 44/00 (2006.01)*  
*G06F 11/30 (2006.01)*  
*G06F 16/22 (2019.01)*  
*G06F 16/2455 (2019.01)*  
*G06F 16/2458 (2019.01)*
- (21) **Søknadsnr:** 20200056
- (22) **Inndag:** 2020.01.17
- (41) **Allm.tilgj:** 2020.01.17
- (30) **Prioritet:** 2017.07.17, US, 15/651,776
- (86) **Int.inndag:** 2018.07.09
- (86) **Int.søknadsnr:** PCT/US2018/041281
- (24) **Løpedag:** 2018.07.09
- (71) **Søker:**  
Schlumberger Technology B.V., Parkstraat 83, 2514JG HAAG, Nederland (NL)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Shunfeng Zheng, 7211 Spring Run Lane, TX77494 KATY, USA (US)  
Benjamin Peter Jeffryes, c/o Schlumberger Gould Research, High Cross, Madingley Road, CB30EL CAMBRIDGE, CAMBRIDGSHIRE, Storbritannia (GB)
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR USING DATA WITH OPERATION CONTEXT

- (51) **Klasse:** *E21B 41/00 (2006.01)*  
*E21B 47/12 (2012.01)*
- (21) **Søknadsnr:** 20200064
- (22) **Inndag:** 2020.01.17
- (41) **Allm.tilgj:** 2020.01.17
- (86) **Int.inndag:** 2017.09.19
- (86) **Int.søknadsnr:** PCT/US2017/052165
- (24) **Løpedag:** 2017.09.19
- (71) **Søker:**  
Halliburton Energy Services, Inc, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)
- (74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia
- (72) **Oppfinner:**  
David Joe Steele, 3402 Sheridan Court, TX76017 ARLINGTON, USA (US)
- (54) **Benevnelse:**  
Energy Transfer Mechanism for a Junction Assembly to Communicate with a Lateral Completion Assembly

- (51) **Klasse:** *E21B 43/08 (2006.01)*  
*E21B 43/10 (2006.01)*
- (21) **Søknadsnr:** 20200152
- (22) **Inndag:** 2020.02.06
- (41) **Allm.tilgj:** 2020.02.06
- (30) **Prioritet:** 2017.07.20, US, 15/655,472
- (86) **Int.inndag:** 2018.07.19
- (86) **Int.søknadsnr:** PCT/US2018/042941
- (24) **Løpedag:** 2018.07.19
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Jai K Koli, 10990 West Road, Apt. No. 602, TX77064 HOUSTON, USA (US)  
Christophe A MALBREL, 1330 Krist Dr, TX77055 HOUSTON, USA (US)
- (54) **Benevnelse:**  
SKIVE CUT BOREHOLE SCREEN END RING

Krav på norsk er innkommet 2020.02.06.

- (51) **Klasse:** *E21B 43/26 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 34/10 (2006.01)*
- (21) **Søknadsnr:** 20200086
- (22) **Inndag:** 2020.01.23
- (41) **Allm.tilgj:** 2020.01.23
- (30) **Prioritet:** 2017.09.29, US, 62/565,547
- (86) **Int.inndag:** 2018.02.20
- (86) **Int.søknadsnr:** PCT/US2018/018703
- (24) **Løpedag:** 2018.02.20
- (71) **Søker:**  
Comitt Well Solutions US Holding Inc., 1411 Vander Wilt Lane, TX77449 KATY, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Roger Antonsen, 2038 Baker Estates Drive, TX77094 HOUSTON, USA (US)  
Mohamed Ibrahim Saraya, 6811 Paddington Way, TX77479 SUGAR LAND, USA (US)
- (54) **Benevnelse:**  
METHODS AND SYSTEMS FOR MOVING A SLIDING SLEEVE BASED ON INTERNAL PRESSURE

(51) **Klasse:** *E21B 43/26 (2006.01)*  
*E21B 43/17 (2006.01)*  
*G06N 3/04 (2006.01)*

(21) **Søknadsnr:** 20200140  
(22) **Inndag:** 2020.02.04  
(41) **Allm.tilgj:** 2020.02.04  
(86) **Int.inndag:** 2017.09.28  
(86) **Int.søknadsnr:** PCT/US2017/053933  
(24) **Løpedag:** 2017.09.28  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
Srinath Madasu, 11319 Briarforest Drive, TX77077 HOUSTON, USA (US)

(54) **Benevnelse:**  
MULTI-STAGE PLACEMENT OF MATERIAL IN A WELLBORE

(51) **Klasse:** *E21B 44/00 (2006.01)*  
*E21B 7/06 (2006.01)*

(21) **Søknadsnr:** 20190969  
(22) **Inndag:** 2019.08.09  
(41) **Allm.tilgj:** 2020.03.23  
(30) **Prioritet:** 2018.09.21, US, 62/734,861  
(24) **Løpedag:** 2019.08.09  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Umut Zalluhoglu, 4475 Wilson Road, Apt 3302, TX77396 HUMBLE, USA (US)  
Robert Darbe, 13511 Carrill Bend Ln, TX77377 TOMBALL, USA (US)  
Julien Christian Valery Marck, 1510 W. 24th St., TX77008 HOUSTON, USA (US)  
Demirer Nazli, 2424 E TC Jester Blvd, Apt 5306, TX 77008 HOUSTON, USA (US)

(54) **Benevnelse:**  
MULTI-LEVEL LEARNING SCHEME FOR CALIBRATING WELLBORE TRAJECTORY MODELS FOR DIRECTIONAL DRILLING

(51) **Klasse:** *E21B 44/02 (2006.01)*  
*E21B 44/10 (2006.01)*  
*E21B 7/00 (2006.01)*  
*E21B 47/00 (2012.01)*  
*G06F 30/20 (2020.01)*

(21) **Søknadsnr:** 20190967  
(22) **Inndag:** 2019.08.09  
(41) **Allm.tilgj:** 2020.03.23  
(30) **Prioritet:** 2018.09.21, US, 62/734,887  
(24) **Løpedag:** 2019.08.09  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)

(74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia

(72) **Oppfinner:**  
Umut Zalluhoglu, 4475 Wilson Road, Apt 3302, TX77396 HUMBLE, USA (US)  
Robert Darbe, 13511 Carrill Bend Ln, TX77377 TOMBALL, USA (US)  
Nazli Demirer, 2424 E TC Jester Blvd, Apt 5306, TX 77008 HOUSTON, USA (US)  
Julien Christian Valery Marck, 1510 W. 24th St., TX77008 HOUSTON, USA (US)

(54) **Benevnelse:**  
Tool-Specific Steering Optimization to Hit a Target

(51) **Klasse:** *E21B 47/00 (2012.01)*  
*G01V 11/00 (2006.01)*

(21) **Søknadsnr:** 20200183  
(22) **Inndag:** 2020.02.13  
(41) **Allm.tilgj:** 2020.02.13  
(30) **Prioritet:** 2017.08.11, US, 62/544,131  
2017.08.11, US, 62/544,180  
2017.08.11, US, 62/544,188

(86) **Int.inndag:** 2018.08.13  
(86) **Int.søknadsnr:** PCT/US2018/046520  
(24) **Løpedag:** 2018.08.13  
(71) **Søker:**  
GE ENERGY OILFIELD TECHNOLOGY, INC., 208 Ida Road, LA70518 BROUSSARD, USA (US)

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

(72) **Oppfinner:**  
Ansas Matthias Kasten, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
Yuri Plotnikov, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
William Robert Ross, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
Sudeep Mandal, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
Sarah Lillian Katz, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
Frederick Wheeler, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
John Scott Price, 208 Ida Road, LA70518 BROUSSARD, USA (US)

(54) **Benevnelse:**  
DATA FUSION ENHANCED MULTI-MODALITY WELLBORE INTEGRITY INSPECTION SYSTEM

Krav på norsk er innkommet 2020.02.13.

- (51) **Klasse:** *E21B 47/01 (2012.01)*  
*E21B 47/06 (2012.01)*
- (21) **Søknadsnr:** 20200184
- (22) **Inndag:** 2020.02.13
- (41) **Allm.tilgj:** 2020.02.13
- (86) **Int.inndag:** 2017.10.16
- (86) **Int.søknadsnr:** PCT/US2017/056734
- (24) **Løpedag:** 2017.10.16
- (71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
Michael John Levchak, 22415 Windbourne Dr., TX77375 TOMBALL, USA (US)  
Stephen L Woolverton, 5806 Acorn St., TX77092 HOUSTON, USA (US)
- (54) **Benevnelse:**  
Environment Compensation System for Downhole Oilwell Tools

- (51) **Klasse:** *E21B 47/022 (2012.01)*
- (21) **Søknadsnr:** 20191046
- (22) **Inndag:** 2019.08.30
- (41) **Allm.tilgj:** 2019.08.30
- (30) **Prioritet:** 2018.08.31, US, 62/725,995  
2019.07.26, US, 16/523,887
- (86) **Int.inndag:** 2019.07.26
- (86) **Int.søknadsnr:** PCT/US2019/043799
- (24) **Løpedag:** 2019.07.26
- (71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)
- (74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**  
Umut Zalluhoglu, 4475 Wilson Road, Apt 3302, TX77396 HUMBLE, USA (US)  
Nazil Demirer, 14500Cuttan Raod, Apt. 16204, TX77069 HOUSTON, USA (US)  
Peter John Hornblower, The Willows, Chargrove Lane, GL513LP CHELTENHAM, GLOUCESTERSHIRE, Storbritannia (GB)  
Robert Darbe, 13511 Carrill Bend Ln, TX77377 TOMBALL, USA (US)  
Julien Marck, 1725 main Street, Apt. 2001, TX77002 HOUSTON, USA (US)
- (54) **Benevnelse:**  
Autonomous directional drilling directional tendency estimation

- (51) **Klasse:** *E21B 47/12 (2012.01)*
- (21) **Søknadsnr:** 20200178
- (22) **Inndag:** 2020.02.12
- (41) **Allm.tilgj:** 2020.02.12
- (30) **Prioritet:** 2017.08.01, US, 62/539,773
- (86) **Int.inndag:** 2018.07.30
- (86) **Int.søknadsnr:** PCT/US2018/044364
- (24) **Løpedag:** 2018.07.30
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Javid Akhtar MAJID, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
USE OF CROSSTALK BETWEEN ADJACENT CABLES FOR WIRELESS COMMUNICATION
- Krav på norsk er innkommet 2020.02.12.

- (51) **Klasse:** *E21B 47/12 (2012.01)*  
*E21B 47/01 (2012.01)*
- (21) **Søknadsnr:** 20200185
- (22) **Inndag:** 2020.02.13
- (41) **Allm.tilgj:** 2020.02.13
- (30) **Prioritet:** 2017.08.04, US, 62/541,442
- (86) **Int.inndag:** 2018.07.30
- (86) **Int.søknadsnr:** PCT/US2018/044376
- (24) **Løpedag:** 2018.07.30
- (71) **Søker:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
James Joseph Freeman, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Thomas McClain Scott, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Ermanel Isidro, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
SYSTEM FOR DEPLOYING COMMUNICATION COMPONENTS IN A BOREHOLE
- Krav på norsk er innkommet 2020.02.13.

- (51) **Klasse:** *F02B 43/12 (2006.01)*  
*F02M 21/00 (2006.01)*  
*F02B 43/00 (2006.01)*  
*F02D 19/00 (2006.01)*
- (21) **Søknadsnr:** 20181218
- (22) **Inndag:** 2018.09.19
- (41) **Allm.tilgj:** 2020.03.20
- (24) **Løpedag:** 2018.09.19
- (71) **Søker:**  
NSK SHIP DESIGN AS, Sjøgata 5, 9405 HARSTAD
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (72) **Oppfinner:**  
Svein Roald Nikolaisen, Mustapartajordet 17 A, 9403 HARSTAD
- (54) **Benevnelse:**  
Anordning for redundans i en gassforsyning mellom en flerhet kilder og en flerhet forbrukere



(51) **Klasse:** *F03B 13/06 (2006.01)*  
*H02J 15/00 (2006.01)*

(21) **Søknadsnr:** 20181640

(22) **Inndag:** 2018.12.18

(41) **Allm.tilgj:** 2020.04.06

(24) **Løpedag:** 2018.12.18

(71) **Søker:**  
Subsea 7 Norway AS, Kanalsletta 9, 4033 STAVANGER

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

(72) **Oppfinner:**  
Ernst Kristen Helgøy Kloster, Duesvei 22, 4023 STAVANGER

(54) **Benevnelse:**  
Long-distance transmission of power underwater

Krav på norsk er innkommet 2020.01.17.

(51) **Klasse:** *F24F 11/62 (2018.01)*  
*F24F 11/63 (2018.01)*  
*G06F 17/10 (2006.01)*  
*G05D 27/00 (2006.01)*  
*F24F 11/70 (2018.01)*  
*F24F 110/00 (2018.01)*  
*F24F 140/10 (2018.01)*

(21) **Søknadsnr:** 20190206

(22) **Inndag:** 2019.02.14

(41) **Allm.tilgj:** 2020.04.06

(24) **Løpedag:** 2019.02.14

(71) **Søker:**  
AIRTIGHT AS, Oslo science park, Gaustadalléen 21, 0349 OSLO

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

(72) **Oppfinner:**  
Bjørnar Lie, Manglebergveien 16, 0678 OSLO  
Per Magne Helseth, Hallenåsen Terrasse 6, 1389 HEGGEDAL

(54) **Benevnelse:**  
METHOD AND SYSTEM FOR MONITORING AIR LEAKS THROUGH A BUILDING ENVELOPE AND CONTROLLING A VENTILATION SYSTEM

Krav på norsk er innkommet 2020.02.10.

(51) **Klasse:** *G01V 3/26 (2006.01)*  
*E21B 47/09 (2012.01)*

(21) **Søknadsnr:** 20200188

(22) **Inndag:** 2020.02.13

(41) **Allm.tilgj:** 2020.02.13

(30) **Prioritet:** 2017.10.26, US, 62/577,602

(86) **Int.inndag:** 2018.10.15

(86) **Int.søknadsnr:** PCT/US2018/055926

(24) **Løpedag:** 2018.10.15

(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)

(74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia

(72) **Oppfinner:**  
Hsu-Hsiang Wu, 7338 Hudson Grove Lane, TX77479 SUGAR LAND, USA (US)  
Weixin Dong, 9007 Lavender Field Ct., TX77479 SUGAR LAND, USA (US)  
Jin Ma, 320 Jackson Hill St., TX77007 HOUSTON, USA (US)

(54) **Benevnelse:**  
Determination on Casing and Formation Properties Using Electromagnetic Measurements

(51) **Klasse:** *G01V 3/32 (2006.01)*

(21) **Søknadsnr:** 20200187

(22) **Inndag:** 2020.02.13

(41) **Allm.tilgj:** 2020.02.13

(86) **Int.inndag:** 2017.09.29

(86) **Int.søknadsnr:** PCT/US2017/054386

(24) **Løpedag:** 2017.09.29

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

(74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON, Storbritannia

(72) **Oppfinner:**  
Songhua Chen, 10102 Stafford Hill Cove Drive, TX77494 KATY, USA (US)  
Lilong Li, 12422 Huntingwick Drive, TX77024 HOUSTON, USA (US)  
Arcady Reiderman, 3714 Olive Mill Court, TX77406 RICHMOND, USA (US)

(54) **Benevnelse:**  
Unidirectional Magnetization of Nuclear Magnetic Resonance Tools Having Soft Magnetic Core Material

(51) **Klasse:** *G01V 5/10 (2006.01)*

(21) **Søknadsnr:** 20200208

(22) **Inndag:** 2020.02.17

(41) **Allm.tilgj:** 2020.02.17

(30) **Prioritet:** 2017.08.11, US, 62/544,131  
2017.08.11, US, 62/544,180  
2017.08.11, US, 62/544,188

(86) **Int.inndag:** 2018.08.13

(86) **Int.søknadsnr:** PCT/US2018/046504

(24) **Løpedag:** 2018.08.13

(71) **Søker:**  
GE ENERGY OILFIELD TECHNOLOGY, INC., 2018 Ida Road, LA70518 BROUSSARD, USA (US)

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

(72) **Oppfinner:**  
Ansas Matthias Kasten, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
Adrian Ivan, 208 Ida Road, LA70518 BROUSSARD, USA (US)  
William Robert Ross, 208 Ida Road, LA70518 BROUSSARD, USA (US)

(54) **Benevnelse:**  
WELLBORE DETECTOR WITH AZIMUTHAL AND SPECTRAL ENERGY RESOLUTION

Krav på norsk er innkommet 2020.02.17.

- (51) **Klasse:** *G06F 21/32 (2013.01)*  
*G06K 9/00 (2006.01)*  
*G06K 9/38 (2006.01)*  
*G06K 9/46 (2006.01)*  
*G06K 9/62 (2006.01)*  
*G06T 1/00 (2006.01)*  
*H04L 12/18 (2006.01)*  
*H04L 12/58 (2006.01)*
- (21) **Søknadsnr:** 20191491  
(22) **Inndag:** 2019.12.18  
(41) **Allm.tilgj:** 2019.12.18  
(30) **Prioritet:** 2017.06.26, US, 15/632,953  
(86) **Int.inndag:** 2018.06.25  
(86) **Int.søknadsnr:** PCT/US2018/039373  
(24) **Løpedag:** 2018.06.25  
(71) **Søker:**  
HUDDLY INC., 2345 Yale Street, CA94301 PALO ALTO,  
USA (US)
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (72) **Oppfinner:**  
Jan Tore Korneliussen, Schweigaardsgate 92 A, 0656  
OSLO  
Eamonn Shaw, Færgeportgaten 79, 1632 GAMLE  
FREDRIKSTAD  
Anders Eikenes, Skaujordveien 4 A, 1357 BEKKESTUA  
Stein Ove Eriksen, Rathkes Gate 5 A, 0558 OSLO
- (54) **Benevnelse:**  
Intelligent whiteboard collaboration system and methods
- 

- (51) **Klasse:** *H01H 83/04 (2006.01)*
- (21) **Søknadsnr:** 20200270  
(22) **Inndag:** 2020.03.06  
(41) **Allm.tilgj:** 2020.03.06  
(30) **Prioritet:** 2017.08.09, CN, 2017 2 0987760  
(86) **Int.inndag:** 2018.08.06  
(86) **Int.søknadsnr:** PCT/CN2018/099022  
(24) **Løpedag:** 2018.08.06  
(71) **Søker:**  
Schneider Electric Industries SAS, 35, rue Joseph Monier,  
92500 RUEIL-MALMAISON, Frankrike (FR)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (72) **Oppfinner:**  
Weibing QIU, Building 9, No. 3000, LongDong Avenue,  
201203 SHANGHAI, Kina (CN)  
Hongliang WANG, Building 9, No. 3000, LongDong  
Avenue, 201203 SHANGHAI, Kina (CN)
- (54) **Benevnelse:**  
ELECTRIC LEAKAGE CIRCUIT BREAKER
-

## Oversettelser av krav

Krav oversatt til norsk er innkommet i følgende engelskspråklige patentsøknader.

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 43/12 (2006.01)*
- (21) **Søknadsnr:** 20191394
- (22) **Inndag:** 2019.11.22
- (41) **Allm.tilgj:** 2019.11.22
- (30) **Prioritet:** 2017.06.06, BR, 102017012026-0
- (86) **Int.inndag:** 2018.06.05
- (86) **Int.søknadsnr:** PCT/BR2018/050183
- (24) **Løpedag:** 2018.06.05
- (71) **Søker:**  
OURO NEGRO TECNOLOGIAS EM EQUIPAMENTOS  
INDUSTRIAIS S/A, Rua Gal. Argolo, 61, São Cristovão,  
20921-392 RIO DE JANEIRO, Brasil (BR)
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (72) **Oppfinner:**  
Leonardo Gonçalves Candido Gomes, Rua Santa Luisa,  
187, Apto. 102, Maracanã RIO DE JANEIRO, Brasil (BR)
- (54) **Benevnelse:**  
FULLY ELECTRIC DOWNHOLE SAFETY TOOL
- Krav på norsk er innkommet:**  
2020.03.05
-

## Meddelte patenter B1

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

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

<p>(51) <b>Klasse:</b> <b>B01D 53/14 (2006.01)</b>  <b>B01D 53/62 (2006.01)</b>  <b>B01D 53/34 (2006.01)</b>  <b>B01D 53/78 (2006.01)</b>  <b>B01D 53/96 (2006.01)</b>  <b>C01B 32/50 (2017.01)</b></p> <p>(11) <b>Patentnr:</b> <b>344753</b></p> <p>(21) <b>Søknadsnr:</b> 20064313</p> <p>(22) <b>Inng.dag:</b> 2006.09.22</p> <p>(30) <b>Prioritet:</b> 2004.03.15, JP, 2004-073388</p> <p>(86) <b>Int.inng.dag:</b> 2005.03.14</p> <p>(86) <b>Int.Søknadsnr:</b> PCT/JP2005/04473</p> <p>(24) <b>Løpedag:</b> 2005.03.14</p> <p>(41) <b>Allm.tilg.dag:</b> 2006.12.15</p> <p>(45) <b>Meddelt:</b> 2020.04.06</p> <p>(73) <b>Innehaver:</b>  The Kansai Electric Power Co Inc, 6-16, Nakanoshima 3-chome, Kita-ku, 530-8270 OSAKA-SHI, OSAKA , Japan (JP)  Mitsubishi Heavy Industries Engineering, Ltd., 3-1, Minatomirai 3-chome, Nishi-ku, 220-8401 YOKOHAMA-SHI, KANAGAWA, Japan (JP)</p> <p>(74) <b>Fullmektig:</b>  ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge</p> <p>(72) <b>Oppfinner:</b>  Tomio Mimura, c/o The Kansai Electric Power Co Inc, 3-22 Nakanoshima 3-chome, Kita-ku, 530-8270 OSAKA-SHI, OSAKA , Japan (JP)  Masaki Iijima, c/o Plant and Transportation Systems Engineering &amp; Construction Center, Mitsubishi Heavy Industries, Ltd., 5007, Itozaki-cho, Mihara, 729-0393 HIROSHIMA-KEN, Japan (JP)  Takashi Kamijo, c/o Plant and Transportation Systems Engineering &amp; Construction Center, Mitsubishi Heavy Industries Ltd 5007 Itozaki-cho, Mihara , 729-0393 HIROSHIMA-KEN, Japan (JP)  Yasuyuki Yagi, c/o The Kansai Electric Power Co Inc, 3-22 Nakanoshima 3-chome, Kita-ku, 530-8270 OSAKA-SHI, OSAKA , Japan (JP)  Takahito Yonekawa, c/o Plant and Transportation Systems Engineering &amp; Construction Center, Mitsubishi Heavy Industries, Ltd., 5007, Itozaki-cho, Mihara, 729-0393 HIROSHIMA-KEN, Japan (JP)</p> <p>(54) <b>Benevnelse:</b>  System og fremgangsmåte til gjenvinning av CO2</p>	<p>(51) <b>Klasse:</b> <b>B63B 21/18 (2006.01)</b>  <b>B66D 1/28 (2006.01)</b>  <b>B66D 1/72 (2006.01)</b></p> <p>(11) <b>Patentnr:</b> <b>344749</b></p> <p>(21) <b>Søknadsnr:</b> 20180806</p> <p>(22) <b>Inng.dag:</b> 2018.06.11</p> <p>(30) <b>Prioritet:</b> 2018.01.15, NO, 20180063</p> <p>(24) <b>Løpedag:</b> 2018.06.11</p> <p>(41) <b>Allm.tilg.dag:</b> 2019.07.16</p> <p>(45) <b>Meddelt:</b> 2020.04.06</p> <p>(73) <b>Innehaver:</b>  I P Huse AS, 6487 HARØY</p> <p>(74) <b>Fullmektig:</b>  ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge</p> <p>(72) <b>Oppfinner:</b>  Arnstein Lervik, c/o I P Huse AS, 6487 HARØY</p> <p>(54) <b>Benevnelse:</b>  Kjettingjekk</p> <hr/> <p>(51) <b>Klasse:</b> <b>B65D 21/02 (2006.01)</b>  <b>B65D 43/02 (2006.01)</b></p> <p>(11) <b>Patentnr:</b> <b>344752</b></p> <p>(21) <b>Søknadsnr:</b> 20190842</p> <p>(22) <b>Inng.dag:</b> 2019.07.04</p> <p>(24) <b>Løpedag:</b> 2019.07.04</p> <p>(41) <b>Allm.tilg.dag:</b> 2020.04.06</p> <p>(45) <b>Meddelt:</b> 2020.04.06</p> <p>(73) <b>Innehaver:</b>  Stein Hofstad, Strindveien 32, 7052 TRONDHEIM</p> <p>(74) <b>Fullmektig:</b>  CURO AS, Vestre Rosten 81, 7075 TILLER, Norge</p> <p>(72) <b>Oppfinner:</b>  Stein Hofstad, Strindveien 32, 7052 TRONDHEIM</p> <p>(54) <b>Benevnelse:</b>  A case for storing articles and carrying articles by hand</p>
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(51) **Klasse:** *B65G 1/04 (2006.01)*  
*B65G 1/06 (2006.01)*  
*B65G 47/02 (2006.01)*  
*B65G 47/06 (2006.01)*  
*B65G 47/52 (2006.01)*

(11) **Patentnr:** 344750  
(21) **Søknadsnr:** 20181530  
(22) **Inng.dag:** 2018.11.28  
(30) **Prioritet:** 2018.06.12, NO, 20180813  
2018.07.19, NO, 20181005

(24) **Løpedag:** 2018.11.28  
(41) **Allm.tilg.dag:** 2019.12.13  
(45) **Meddelt:** 2020.04.06  
(73) **Innehaver:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578  
NEDRE VATS

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

(72) **Oppfinner:**  
Jørgen Djuve Heggebø, Dreganesveien 59, 5580 ØLEN  
Trond Austrheim, Nedre Teigen 12, 5590 ETNE  
Uwe Gruenbeck, Blikraveien 236, 5576 ØVRE VATS

(54) **Benevnelse:**  
UNLOADING ARRANGEMENT AND UNLOADING  
STATION, AS WELL AS METHOD OF UNLOADING AN  
ITEM FROM A STORAGE CONTAINER

(51) **Klasse:** *B65G 1/06 (2006.01)*  
*B65D 85/00 (2006.01)*  
*B65D 25/00 (2006.01)*  
*B65D 25/38 (2006.01)*

(11) **Patentnr:** 344747  
(21) **Søknadsnr:** 20190710  
(22) **Inng.dag:** 2019.06.11  
(24) **Løpedag:** 2019.06.11  
(41) **Allm.tilg.dag:** 2020.04.06  
(45) **Meddelt:** 2020.04.06  
(73) **Innehaver:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578  
NEDRE VATS

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

(72) **Oppfinner:**  
Ingvar Fagerland, Holevegen 8, 5541 KOLNES

(54) **Benevnelse:**  
STORAGE SYSTEM

(51) **Klasse:** *C01F 11/02 (2006.01)*  
*C04B 2/06 (2006.01)*  
*B01J 20/04 (2006.01)*  
*B01D 53/50 (2006.01)*  
*B01D 53/68 (2006.01)*

(11) **Patentnr:** 344756  
(21) **Søknadsnr:** 20080485  
(22) **Inng.dag:** 2008.01.25  
(30) **Prioritet:** 2005.06.28, BE, 2005/0328

(86) **Int.inng.dag:** 2006.06.26  
(86) **Int.Søknadsnr:** PCT/EP2006/063542

(24) **Løpedag:** 2006.06.26  
(41) **Allm.tilg.dag:** 2008.02.27  
(45) **Meddelt:** 2020.04.06  
(73) **Innehaver:**  
SA Lhoist Recherche et Developpement, 28, rue Charles  
Dubois, 1342 OTTIGNIES-LOUVAIN-LA-NEUVE, Belgia  
(BE)

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge

(72) **Oppfinner:**  
Amandine Gambin, 19, rue de l'Ognon, 70270 TERNUAY,  
Frankrike (FR)  
Alain Laudet, Rue Théodore Baron 28, Bte 5, 5000  
NAMUR, Belgia (BE)

(54) **Benevnelse:**  
Kalkmateriale i pulverform, fremgangsmåte ved dets  
fremstilling og dets anvendelse

(51) **Klasse:** *C04B 40/00 (2006.01)*  
*C04B 14/24 (2006.01)*  
*C04B 16/08 (2006.01)*  
*C04B 18/08 (2006.01)*  
*C04B 20/00 (2006.01)*  
*C09K 8/473 (2006.01)*

(11) **Patentnr:** 344748  
(21) **Søknadsnr:** 20070823  
(22) **Inng.dag:** 2007.02.15  
(30) **Prioritet:** 2004.08.20, US, 10/922,620

(86) **Int.inng.dag:** 2005.08.15  
(86) **Int.Søknadsnr:** PCT/GB2005/003183

(24) **Løpedag:** 2005.08.15  
(41) **Allm.tilg.dag:** 2007.05.21  
(45) **Meddelt:** 2020.04.06  
(73) **Innehaver:**  
Halliburton Energy Services Inc, P O Box 1431, OK73536-  
0431 DUNCAN, USA (US)

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

(72) **Oppfinner:**  
David S Kulakofsky, 5715 Ashley Spring Court, TX77494  
KATY, USA (US)  
Richard F Vargo Jr, 2142 Brinton Oaks Court, TX77450  
KATY, USA (US)

(54) **Benevnelse:**  
Fremgangsmåte for å hindre agglomerering av  
lettvektskorn for bruk i sementblandinger

- (51) **Klasse:** *C09K 8/524 (2006.01)*  
*C09K 8/528 (2006.01)*
- (11) **Patentnr:** 344757
- (21) **Søknadsnr:** 20093512
- (22) **Inng.dag:** 2009.12.14
- (30) **Prioritet:** 2007.07.03, US, 60/947,870  
2008.06.26, US, 12/146,647
- (86) **Int.inng.dag:** 2008.06.27
- (86) **Int.Søknadsnr:** PCT/US2008/68475
- (24) **Løpedag:** 2008.06.27
- (41) **Allm.tilg.dag:** 2010.03.29
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Lirio Quintero, 128 Gessner Road, TX77024 HOUSTON, USA (US)  
Allen D Gabrysch, 15914 Pebble Bend Drive, TX77068 HOUSTON, USA (US)  
Thomas A Jones, 12930 Peach Meadow Drive, TX77429 CYPRESS, USA (US)  
David E Clark, 19107 Putting Green, TX77346 HUMBLE, USA (US)  
Ana Forgiarini Merida, Urbanization El Rincon, Montan Alta #2, 5101 MERIDA, Venezuela, Republikken (VE)  
Jean-Louis Salager, Ota Cruz del Sur, Avenida Principal, Pedregosa Alta Km 3, 5101 MERIDA, Venezuela, Republikken (VE)
- (54) **Benevnelse:**  
Fremgangsmåte for fjerning av minst en andel av ikke-polar material fra et undergrunnsreservoar inneholdende ikke-polar material.

- (51) **Klasse:** *E21B 19/20 (2006.01)*  
*E21B 47/04 (2012.01)*
- (11) **Patentnr:** 344754
- (21) **Søknadsnr:** 20092077
- (22) **Inng.dag:** 2009.05.28
- (30) **Prioritet:** 2006.11.03, US, 60/856,686  
2007.11.01, US, 11/933,946
- (86) **Int.inng.dag:** 2007.11.05
- (86) **Int.Søknadsnr:** PCT/US2007/83566
- (24) **Løpedag:** 2007.11.05
- (41) **Allm.tilg.dag:** 2009.07.29
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
David Hampton, 30 Tanager Trail, TX77381 THE WOODLANDS, USA (US)  
Robert Loos, 140 Fernhill Avenue, LA70506 LAFAYETTE, USA (US)  
Bernt Eriksen, Bjørkevegen 9, 4050 SOLA
- (54) **Benevnelse:**  
Anordninger og systemer for måling av posisjon for borerelatert utstyr

- (51) **Klasse:** *E21B 33/04 (2006.01)*  
*E21B 33/043 (2006.01)*
- (11) **Patentnr:** 344744
- (21) **Søknadsnr:** 20111110
- (22) **Inng.dag:** 2011.08.10
- (30) **Prioritet:** 2010.08.18, US, 12/858,952
- (24) **Løpedag:** 2011.08.10
- (41) **Allm.tilg.dag:** 2012.02.20
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
Vetco Gray Inc, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
David A Anderson, 3 Kestrel Place, DD109FN MONTROS, ANGUS, Storbritannia (GB)  
James Sinnott, 110 Auchmannoch Avenue, PA13AB RALSON, RENFREWSHIRE, PAISLEY, Storbritannia (GB)
- (54) **Benevnelse:**  
Overflatebrønnhodeapparat og fremgangsmåte for å installere en indre brønnhodet inn i en ytre brønnhodet til en overflatebrønn

- (51) **Klasse:** *E21B 33/05 (2006.01)*  
*E21B 33/16 (2006.01)*
- (11) **Patentnr:** 344745
- (21) **Søknadsnr:** 20111605
- (22) **Inng.dag:** 2011.11.22
- (30) **Prioritet:** 2009.05.20, US, 12/469,370
- (86) **Int.inng.dag:** 2010.03.19
- (86) **Int.Søknadsnr:** PCT/US2010/027926
- (24) **Løpedag:** 2010.03.19
- (41) **Allm.tilg.dag:** 2011.12.20
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
David F Laurel, 16331 Wytchwood Circle, TX77429-4859 CYPRESS, USA (US)  
Kurt Randall Koenig, 16321 Smith Street, TX77040 HOUSTON, USA (US)
- (54) **Benevnelse:**  
Undervanns-sementeringssystem, fremgangsmåte og system for sementering av en undervannsføringsrørstreng samt et pilsystem for utløsning av undervanns-sementplugg for å sementere en undervannsføringsrørstreng

- (51) **Klasse:** *F03B 13/06 (2006.01)*  
*H02J 15/00 (2006.01)*
- (11) **Patentnr:** 344751
- (21) **Søknadsnr:** 20181640
- (22) **Inng.dag:** 2018.12.18
- (24) **Løpedag:** 2018.12.18
- (41) **Allm.tilg.dag:** 2020.04.06
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
Subsea 7 Norway AS, Kanalsletta 9, 4033 STAVANGER
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (72) **Oppfinner:**  
Ernst Kristen Helgøy Kloster, Duesvei 22, 4023 STAVANGER
- (54) **Benevnelse:**  
Long-distance transmission of power underwater

- (51) **Klasse:** *F24F 11/62 (2018.01)*  
*F24F 11/63 (2018.01)*  
*G06F 17/10 (2006.01)*  
*G05D 27/00 (2006.01)*  
*F24F 11/70 (2018.01)*  
*F24F 110/00 (2018.01)*  
*F24F 140/10 (2018.01)*
- (11) **Patentnr:** **344755**
- (21) **Søknadsnr:** 20190206
- (22) **Inng.dag:** 2019.02.14
- (24) **Løpedag:** 2019.02.14
- (41) **Allm.tilg.dag:** 2020.04.06
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
AIRTIGHT AS, Oslo science park, Gaustadalléen 21, 0349 OSLO
- (74) **Fullmektig:**  
LIGL IP CONSULT AS, Postboks 1474 Vika, 0116 OSLO, Norge
- (72) **Oppfinner:**  
Bjørnar Lie, Manglebergveien 16, 0678 OSLO  
Per Magne Helseth, Hallenåsen Terrasse 6, 1389 HEGGEDAL
- (54) **Benevnelse:**  
METHOD AND SYSTEM FOR MONITORING AIR LEAKS THROUGH A BUILDING ENVELOPE AND CONTROLLING A VENTILATION SYSTEM
- 

- (51) **Klasse:** *G01S 13/86 (2006.01)*  
*G01S 15/02 (2006.01)*  
*G01S 15/89 (2006.01)*
- (11) **Patentnr:** **344746**
- (21) **Søknadsnr:** 20162034
- (22) **Inng.dag:** 2016.12.21
- (24) **Løpedag:** 2016.12.21
- (41) **Allm.tilg.dag:** 2018.06.22
- (45) **Meddelt:** 2020.04.06
- (73) **Innehaver:**  
ROLLS-ROYCE MARINE AS, Postboks 1522, 6025 ÅLESUND
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (72) **Oppfinner:**  
Oskar Levander, Ljusuddagränden 2, 21600 PARGAS, Finland (FI)  
Esa Jokioinen, Nappulakatu 18, 20900 ÅBO, Finland (FI)  
Talib Eshan Rajabally, 29 Hampton Road, NG27AJ NOTTINGHAM, Storbritannia (GB)
- (54) **Benevnelse:**  
Method, system and device for maritime pilotage
-

## 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 :** **A01F 15/08 (2006.01)**  
**A01F 15/07 (2006.01)**

(87) **EP Publ.nr:** EP3157321  
(86) **EP søkn.nr:** 15730775.2  
(86) **EP innl.dag:** 2015.06.19  
(87) **EP publ.dag:** 2017.04.26  
(80) **EP meddelt :** 2019.12.25  
(30) **Prioritet:** 2014.06.20, GB, 201411045  
(86) **Int.inndag :** 2015.06.19  
(86) **Int.søknadsnr :** PCT/EP2015/063873  
(73) **Innehaver:**  
Kuhn-Geldrop B.V., Nuenenseweg 1655667 KP Geldrop,  
NL-Nederland

(72) **Oppfinner:**  
TENBULT, Henriekus Theodorus Hubertus,  
Gozelinusbocht5531KL Bladel, NL-Nederland

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

(54) **Benevnelse:**  
AGRICULTURAL BALER

(51) **Klasse :** **A01N 43/56 (2006.01)**  
**A01N 53/00 (2006.01)**  
**A61K 31/22 (2006.01)**  
**A61K 31/415 (2006.01)**  
**A61K 47/14 (2017.01)**  
**A61K 47/20 (2006.01)**  
**A61P 33/00 (2006.01)**

(87) **EP Publ.nr:** EP2816898  
(86) **EP søkn.nr:** 13707523.0  
(86) **EP innl.dag:** 2013.02.22  
(87) **EP publ.dag:** 2014.12.31  
(80) **EP meddelt :** 2020.01.22  
(30) **Prioritet:** 2012.02.23, US, 201261602472 P  
(86) **Int.inndag :** 2013.02.22  
(86) **Int.søknadsnr :** PCT/US2013/027312  
(73) **Innehaver:**  
Boehringer Ingelheim Animal Health USA Inc., 3239  
Satellite Boulevard, Bldg. 500Duluth, GA 30096, US-USA

(72) **Oppfinner:**  
SOLL, Mark, David, 605 Newport ShoreAlpharetta, GA  
30005, US-USA  
PATE, James, 582 County Road 579Hampton, NJ 08827,  
US-USA  
BAKER, Lisa, A., 224 Buckingham WaySomerset, NJ  
08873, US-USA

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

(54) **Benevnelse:**  
TOPICAL COMPOSITIONS COMPRISING FIPRONIL AND  
PERMETHRIN AND METHODS OF USE

(51) **Klasse :** **A23L 3/44 (2006.01)**  
**F26B 5/06 (2006.01)**

(87) **EP Publ.nr:** EP2787843  
(86) **EP søkn.nr:** 12808718.6  
(86) **EP innl.dag:** 2012.12.07  
(87) **EP publ.dag:** 2014.10.15  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2011.12.21, GB, 201121992  
2011.12.08, US, 201161568237 P

(86) **Int.inndag :** 2012.12.07  
(86) **Int.søknadsnr :** PCT/EP2012/074759  
(73) **Innehaver:**  
DuPont Nutrition Biosciences ApS, Langebrogade 11411  
Copenhagen K, DK-Danmark

(72) **Oppfinner:**  
HOLLARD, Christophe, 6309 Mourning Dove  
DriveMcFarland, Wisconsin 53558, US-USA  
AGEE, Ronald, 1018 Lincoln AvenueStoughton, Wisconsin  
53589, US-USA

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge

(54) **Benevnelse:**  
PROCESS FOR THE PREPARATION OF FREEZE DRIED  
MICRO-ORGANISM COMPOSITION

(51) **Klasse :** **A23L 33/17 (2016.01)**  
**A23D 9/00 (2006.01)**  
**A23D 9/02 (2006.01)**  
**A23J 1/02 (2006.01)**  
**A23J 3/04 (2006.01)**  
**A23K 10/00 (2016.01)**  
**A23K 10/20 (2016.01)**  
**A23K 20/142 (2016.01)**  
**A23K 20/147 (2016.01)**  
**A23K 20/158 (2016.01)**  
**A23L 33/00 (2016.01)**  
**A23L 33/115 (2016.01)**  
**A23L 35/00 (2016.01)**  
**A61K 47/12 (2006.01)**  
**C11B 1/06 (2006.01)**  
**C11B 1/12 (2006.01)**

(87) **EP Publ.nr:** EP2953487  
(86) **EP søkn.nr:** 14705595.8  
(86) **EP innl.dag:** 2014.02.07  
(87) **EP publ.dag:** 2015.12.16  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2013.02.07, NL, 2010268  
2013.02.07, US, 201361761735 P

(86) **Int.inndag :** 2014.02.07  
(86) **Int.søknadsnr :** PCT/NL2014/050077  
(73) **Innehaver:**  
Bühler Insect Technology Solutions AG, Gupfenstrasse  
59240 Uzwil, CH-Sveits

(72) **Oppfinner:**  
ARSIWALLA, Tarique, c/o Frederiksstraat 12 - II hgNL-  
1054 LC Amsterdam, NL-Nederland  
AARTS, Kees Wilhelmus Petrus, c/o Frederiksstraat 12 - II  
hgNL-1054 LC Amsterdam, NL-Nederland

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge

(54) **Benevnelse:**  
METHOD TO CONVERT INSECTS OR WORMS INTO  
NUTRIENT STREAMS



(51) **Klasse :** **A47B 95/04 (2006.01)**  
 (87) **EP Publ.nr.:** EP3369343  
 (86) **EP søkn.nr.:** 18159830.1  
 (86) **EP innl.dag:** 2018.03.02  
 (87) **EP publ.dag:** 2018.09.05  
 (80) **EP meddelt :** 2019.12.25  
 (30) **Prioritet:** 2017.03.03, DE, 202017001171 U  
 (73) **Innehaver:**  
 Tegometall International AG, Industriestraße 78574  
 Lengwil, CH-Sveits  
 (72) **Oppfinner:**  
 Bohnacker, Ulrich, Am Herrenberg 58559 Fruthwilen, CH-Sveits  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 BUMPER DEVICE FOR DISPLAY RACKS

(51) **Klasse :** **A47J 31/44 (2006.01)**  
**B65D 85/804 (2006.01)**  
 (87) **EP Publ.nr.:** EP3316747  
 (86) **EP søkn.nr.:** 16745527.8  
 (86) **EP innl.dag:** 2016.06.30  
 (87) **EP publ.dag:** 2018.05.09  
 (80) **EP meddelt :** 2020.02.26  
 (30) **Prioritet:** 2015.07.01, NL, 2015070  
 (86) **Int.inndag :** 2016.06.30  
 (86) **Int.søknadsnr :** PCT/NL2016/050466  
 (73) **Innehaver:**  
 Koninklijke Douwe Egberts B.V., Vleutensevaart 353532  
 AD Utrecht, NL-Nederland  
 (72) **Oppfinner:**  
 WESSELS, Hendrikus Christinus Maria, c/o Vleutensevaart  
 353532 AD Utrecht, NL-Nederland  
 DEES, Hendrik Johan, c/o Vleutensevaart 353532 AD  
 Utrecht, NL-Nederland  
 (74) **Fullmektig:**  
 ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
 Norge  
 (54) **Benevnelse:**  
 A FROTH WAND.

(51) **Klasse :** **A61B 10/00 (2006.01)**  
 (87) **EP Publ.nr.:** EP3407798  
 (86) **EP søkn.nr.:** 17706672.7  
 (86) **EP innl.dag:** 2017.01.27  
 (87) **EP publ.dag:** 2018.12.05  
 (80) **EP meddelt :** 2019.11.20  
 (30) **Prioritet:** 2016.01.28, DK, 201670043  
 (86) **Int.inndag :** 2017.01.27  
 (86) **Int.søknadsnr :** PCT/DK2017/050019  
 (73) **Innehaver:**  
 Vilkah ApS, Baldersbuen 2, Baldersbrønde2640  
 Hedehusene, DK-Danmark  
 (72) **Oppfinner:**  
 HÅKANSSON, Kåre, Absalonsgade 42 2.tv.1658  
 Copenhagen V, DK-Danmark  
 JENSEN, Per Rosenberg, Liljevej 17 Holme-Olstrup4684  
 Holmegaard, DK-Danmark  
 ANDERSEN, Bjarne, Bakkekammen 1713600  
 Frederikssund, DK-Danmark  
 VIDEBÆK, Karsten, Agnetevej 354040 Jyllinge, DK-  
 Danmark  
 (74) **Fullmektig:**  
 Budde Schou A/S, Hausergade 3, 1128 KØBENHAVN K,  
 Danmark  
 (54) **Benevnelse:**  
 BIOLOGICAL SAMPLE COLLECTING DEVICE

(51) **Klasse :** **A61B 17/80 (2006.01)**  
**A61B 17/86 (2006.01)**  
 (87) **EP Publ.nr.:** EP3416575  
 (86) **EP søkn.nr.:** 16706788.3  
 (86) **EP innl.dag:** 2016.02.19  
 (87) **EP publ.dag:** 2018.12.26  
 (80) **EP meddelt :** 2019.12.04  
 (86) **Int.inndag :** 2016.02.19  
 (86) **Int.søknadsnr :** PCT/CH2016/000032  
 (73) **Innehaver:**  
 41medical AG, Föhrenweg 72544 Bettlach, CH-Sveits  
 (72) **Oppfinner:**  
 FRIGG, Robert, Jurastrasse 272544 Bettlach, CH-Sveits  
 BURKI, Patrick, Wankdorffeldstrasse 873014 Bern, CH-Sveits  
 FLURI, Daniel, Lerchenweg 322544 Bettlach, CH-Sveits  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
 (54) **Benevnelse:**  
 DEVICE FOR BONE FIXATION

(51) **Klasse :** **A61F 6/00 (2006.01)**  
**B65D 75/58 (2006.01)**  
 (87) **EP Publ.nr.:** EP2498734  
 (86) **EP søkn.nr.:** 10773092.1  
 (86) **EP innl.dag:** 2010.11.03  
 (87) **EP publ.dag:** 2012.09.19  
 (80) **EP meddelt :** 2018.05.30  
 (30) **Prioritet:** 2009.11.13, LU, 91622  
 (86) **Int.inndag :** 2010.11.03  
 (86) **Int.søknadsnr :** PCT/EP2010/066755  
 (73) **Innehaver:**  
 Sweetgum SARL, 34 Boulevard Prince Henri1724  
 Luxembourg, LU-Luxembourg  
 (72) **Oppfinner:**  
 DE WALEFFE, Xavier, 31 rue de la Croix-Rouge6110  
 Montigny-le-Tilleul, BE-Belgia  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 CONDOM WRAPPING

(51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 36/81 (2006.01)**  
 (87) **EP Publ.nr.:** EP2490667  
 (86) **EP søkn.nr.:** 10773277.8  
 (86) **EP innl.dag:** 2010.10.20  
 (87) **EP publ.dag:** 2012.08.29  
 (80) **EP meddelt :** 2020.01.08  
 (30) **Prioritet:** 2009.10.20, CH, 16112009  
 (86) **Int.inndag :** 2010.10.20  
 (86) **Int.søknadsnr :** PCT/EP2010/065795  
 (73) **Innehaver:**  
 Herbonis AG, Rheinstrasse 304302 Augst, CH-Sveits  
 (72) **Oppfinner:**  
 BACHMANN, Heinrich, Hauptstrasse 87CH-4451  
 Wintersingen, CH-Sveits  
 RAMBECK, Walter, Wertherstr. 1880809 Munich, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge  
 (54) **Benevnelse:**  
 COMPOSITION COMPRISING SOLANUM  
 GLAUCOPHYLLUM FOR PREVENTING AND/OR  
 TREATING HYPOCALCAEMIA AND FOR STABILIZING  
 BLOOD CALCIUM LEVELS

- (51) **Klasse :** **A61K 9/06 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 31/519 (2006.01)**  
**A61K 47/06 (2006.01)**  
**A61P 17/14 (2006.01)**
- (87) **EP Publ.nr:** EP3352734  
(86) **EP søkn.nr:** 16775134.6  
(86) **EP innl.dag:** 2016.09.22  
(87) **EP publ.dag:** 2018.08.01  
(80) **EP meddelt :** 2020.01.15  
(30) **Prioritet:** 2015.09.24, EP, 15186644  
2015.09.29, JP, 2015190849
- (86) **Int.inndag :** 2016.09.22  
(86) **Int.søknadsnr :** PCT/EP2016/072531  
(73) **Innehaver:**  
Leo Pharma A/S, Industriparken 552750 Ballerup, DK-Danmark  
JAPAN TOBACCO INC., 2-1, Toranomon 2-chomeMinato-kuTokyo 105-8422, JP-Japan
- (72) **Oppfinner:**  
SIERRA, Michael, c/o LEO Pharma A/SIndustriparken 552750 Ballerup, DK-Danmark  
LABUDA, Tord, c/o LEO Pharma A/SIndustriparken 552750 Ballerup, DK-Danmark  
TANIMOTO, Atsuo, c/o Japan Tobacco Inc.2-1 Toranomon 2-chomeMinato-kuTokyo 105-8422, JP-Japan  
SHINOZAKI, Yuichi, c/o Japan Tobacco Inc.2-1 Toranomon 2-chomeMinato-kuTokyo 105-8422, JP-Japan
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
TREATMENT OF ALOPECIA AREATA

- (51) **Klasse :** **A61K 9/08 (2006.01)**  
**A61K 9/19 (2006.01)**  
**A61K 31/50 (2006.01)**  
**A61P 9/04 (2006.01)**
- (87) **EP Publ.nr:** EP3370693  
(86) **EP søkn.nr:** 16790403.6  
(86) **EP innl.dag:** 2016.11.04  
(87) **EP publ.dag:** 2018.09.12  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2015.11.06, EP, 15193521  
(86) **Int.inndag :** 2016.11.04  
(86) **Int.søknadsnr :** PCT/EP2016/076669
- (73) **Innehaver:**  
CARINOPHARM GmbH, Bahnhofstraße 1831008 Elze, DE-Tyskland
- (72) **Oppfinner:**  
WEILAND, Andrea, Georg-Knorr-Str. 4Hohenbrunn 85662, DE-Tyskland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
IMPROVED FORMULATIONS OF LEVOSIMENDAN FOR INTRAVENOUS ADMINISTRATION AS INFUSION OR INJECTION AND OF INFUSION CONCENTRATE

- (51) **Klasse :** **A61K 9/28 (2006.01)**  
**A61K 31/4985 (2006.01)**
- (87) **EP Publ.nr:** EP2391354  
(86) **EP søkn.nr:** 10704033.9  
(86) **EP innl.dag:** 2010.01.28  
(87) **EP publ.dag:** 2011.12.07  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2009.01.30, US, 148621 P  
(86) **Int.inndag :** 2010.01.28  
(86) **Int.søknadsnr :** PCT/US2010/022402  
(73) **Innehaver:**  
Sunovion Pharmaceuticals Inc., 84 Waterford DriveMarlborough, MA 01752, US-USA
- (72) **Oppfinner:**  
HSIA, Richard, 195 West Brookline StreetUnit 2NBrookline, MA 02118, US-USA  
MISRA, Tushar, 10 Campbell StreetNorfolk, MA 02056, US-USA  
SARANTEAS, Konstantinos, 13 Leblanc DrivePeabody, MA 01960, US-USA  
BONASIA, Philip, 762 Webster StreetNeedham, MA 02492, US-USA  
HUANG, Cei, Gu, 26 Dudley RoadSudbury, MA 01776, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
COATED TABLETS OF 6-(5-CHLORO-2-PYRIDYL) -5-[ (4-METHYL-1-PIPERAZINYL) CARBONYLOXY]-7-OXO-6, 7-DIHYDRO-5H-PYRROL O [3,4-B] PYRAZINE AND PROCESS FOR PREPARATION THEREOF

- (51) **Klasse :** **A61K 31/164 (2006.01)**  
**A61K 31/215 (2006.01)**  
**A61K 31/352 (2006.01)**  
**A61P 25/00 (2006.01)**  
**A61P 25/02 (2006.01)**
- (87) **EP Publ.nr:** EP3424499  
(86) **EP søkn.nr:** 18162734.0  
(86) **EP innl.dag:** 2018.03.20  
(87) **EP publ.dag:** 2019.01.09  
(80) **EP meddelt :** 2019.12.25  
(30) **Prioritet:** 2017.07.05, IN, 201721023668
- (73) **Innehaver:**  
Frimline Private Limited, 5th Floor-511, Iscon Elegance, Nr. Circle P, Nr. Jain Temple Prahlad Nagar Cross Road380015 Ahmedabad Gujarat, IN-India
- (72) **Oppfinner:**  
Shyam, Singh Ankit, A/8/124, Orchid Green Field, Applewood Township,Shantipura Road, SP Ring Road380058 Ahmedabad Gujarat, IN-India  
Vedprakash, Mishra, 50, Shail Ganga Tenament, Near I.P. English schoolChandkheda, Sugad382424 Gandhinagar Gujarat, IN-India  
Neelima, Tongra, A 72, Model Town, Malviya Nagar302017 Jaipur Rajasthan, IN-India
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
A PHARMACEUTICAL COMPOSITION FOR NEUROPATHIC PAIN

- (51) **Klasse :** *A61K 31/19 (2006.01)*  
*A61K 31/00 (2006.01)*  
*A61K 31/196 (2006.01)*  
*A61K 31/20 (2006.01)*  
*A61K 31/33 (2006.01)*  
*A61K 31/505 (2006.01)*  
*A61K 31/55 (2006.01)*  
*A61K 31/616 (2006.01)*  
*A61K 33/00 (2006.01)*  
*A61P 11/00 (2006.01)*  
*A61P 25/20 (2006.01)*  
*A61P 43/00 (2006.01)*
- (87) **EP Publ.nr:** EP3335708  
(86) **EP søkn.nr:** 17200764.3  
(86) **EP innl.dag:** 2014.02.28  
(87) **EP publ.dag:** 2018.06.20  
(80) **EP meddelt :** 2019.12.11  
(30) **Prioritet:** 2013.03.01, US, 201361771557 P  
2013.03.12, US, 201361777873 P  
2013.03.15, US, 201313837714  
2013.04.29, US, 201313872997  
2013.04.29, US, 201313873000
- (73) **Innehaver:**  
Jazz Pharmaceuticals Ireland Limited, Waterloo Exchange,  
Waterloo Road, Dublin 4, IE-Irland
- (72) **Oppfinner:**  
ELLER, Mark, 1616 Kentucky Street Redwood City, CA  
California 94061, US-USA
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
Norge
- (54) **Benevnelse:**  
ADMINISTRATION OF GAMMA HYDROXYBUTYRATE  
WITH MONOCARBOXYLATE TRANSPORTERS

- (51) **Klasse :** *A61K 31/198 (2006.01)*  
*A61K 31/717 (2006.01)*  
*A61K 31/721 (2006.01)*  
*A61K 36/68 (2006.01)*  
*A61P 1/00 (2006.01)*
- (87) **EP Publ.nr:** EP2793875  
(86) **EP søkn.nr:** 12860587.0  
(86) **EP innl.dag:** 2012.12.14  
(87) **EP publ.dag:** 2014.10.29  
(80) **EP meddelt :** 2020.02.05  
(30) **Prioritet:** 2011.12.19, US, 201161630831 P  
(86) **Int.inndag :** 2012.12.14  
(86) **Int.søknadsnr :** PCT/US2012/000576
- (73) **Innehaver:**  
EMMAUS MEDICAL, INC., 21250 Hawthorne Blvd., Suite  
800 Torrance CA 90503, US-USA
- (72) **Oppfinner:**  
NIIHARA, Yutaka, 24 Covered Wagon Lane Rolling Hills  
Estates, CA 90274, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHODS AND COMPOSITIONS FOR THE  
TREATMENT OF DIVERTICULOSIS

- (51) **Klasse :** *A61K 31/353 (2006.01)*  
*A61K 9/00 (2006.01)*  
*A61K 31/355 (2006.01)*  
*A61P 9/12 (2006.01)*  
*A61P 17/14 (2006.01)*  
*A61P 17/16 (2006.01)*  
*A61P 21/00 (2006.01)*  
*A61P 29/00 (2006.01)*  
*A61P 35/00 (2006.01)*
- (87) **EP Publ.nr:** EP2919777  
(86) **EP søkn.nr:** 13854440.8  
(86) **EP innl.dag:** 2013.11.13  
(87) **EP publ.dag:** 2015.09.23  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2012.11.13, AU, 2012904937  
2012.12.11, AU, 2012905406
- (86) **Int.inndag :** 2013.11.13  
(86) **Int.søknadsnr :** PCT/AU2013/001310
- (73) **Innehaver:**  
INVICTUS BIOTECHNOLOGY PTY LTD., 570 St Kilda  
Road Melbourne, Victoria 3004, AU-Australia
- (72) **Oppfinner:**  
TONG, Glenn, 9/8 Wallen Road Hawthorn, Victoria 3122,  
AU-Australia
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
TRANSMUCOSAL DELIVERY OF TOCOTRIENOL

- (51) **Klasse :** *A61K 35/28 (2015.01)*  
*A61K 8/98 (2006.01)*  
*A61K 35/12 (2015.01)*  
*A61K 35/16 (2015.01)*  
*A61P 17/00 (2006.01)*  
*A61P 25/00 (2006.01)*  
*A61P 37/00 (2006.01)*  
*A61Q 19/00 (2006.01)*  
*A61Q 19/08 (2006.01)*
- (87) **EP Publ.nr:** EP2972193  
(86) **EP søkn.nr:** 14774189.6  
(86) **EP innl.dag:** 2014.03.12  
(87) **EP publ.dag:** 2016.01.20  
(80) **EP meddelt :** 2019.12.18  
(30) **Prioritet:** 2013.03.13, US, 201361778591 P  
(86) **Int.inndag :** 2014.03.12  
(86) **Int.søknadsnr :** PCT/US2014/024629
- (73) **Innehaver:**  
University Of Miami, 1400 NW 10th Avenue Suite  
1214 Miami, Florida 33136, US-USA
- (72) **Oppfinner:**  
BADIAVAS, Evangelos V., 1400 NW 10th Avenue Suite  
1214 Miami, Florida 33136, US-USA  
SHABBIR, Arsalan Q., 1400 NW 10th Avenue Suite  
1214 Miami, Florida 33136, US-USA  
DAVIS, Stephen C., 1400 NW 10th Avenue Suite  
1214 Miami, Florida 33136, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR ISOLATION AND PURIFICATION OF  
MICROVESICLES FROM CELL CULTURE  
SUPERNATANTS AND BIOLOGICAL FLUIDS

- (51) **Klasse :** **A61K 47/60 (2017.01)**  
**A61K 31/704 (2006.01)**  
**A61K 47/69 (2017.01)**  
**A61P 29/00 (2006.01)**  
**A61P 35/00 (2006.01)**  
**B82B 1/00 (2006.01)**  
**B82Y 5/00 (2011.01)**
- (87) **EP Publ.nr:** EP3088353  
(86) **EP søkn.nr:** 14875349.4  
(86) **EP innl.dag:** 2014.12.26  
(87) **EP publ.dag:** 2016.11.02  
(80) **EP meddelt :** 2019.12.18  
(30) **Prioritet:** 2013.12.27, KR, 20130165718  
(86) **Int.inndag :** 2014.12.26  
(86) **Int.søknadsnr :** PCT/KR2014/012912  
(73) **Innehaver:**  
Bilix Co., Ltd., 1201, MeeWang Bd., 364, Gangnam-daero,  
Gangnam-guSeoul 06241, KR-Sør-Korea
- (72) **Oppfinner:**  
JON, Sang Yong, 305Ho19 Daedeok-daero 556beon-  
gilYuseong-guDaejeon 305-340, KR-Sør-Korea  
LEE, Yong Hyun, Korea Advanced Institute of Science and  
Technology291 Daehak-roYuseong-guDaejeon 305-701,  
KR-Sør-Korea
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
BILIRUBIN PARTICLES AND THEIR PREPARATION FOR  
USE IN THERAPY

- (51) **Klasse :** **A61M 5/32 (2006.01)**  
**A61M 5/50 (2006.01)**
- (87) **EP Publ.nr:** EP3500323  
(86) **EP søkn.nr:** 18731907.4  
(86) **EP innl.dag:** 2018.05.29  
(87) **EP publ.dag:** 2019.06.26  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2017.05.30, IT, 201700059104  
(86) **Int.inndag :** 2018.05.29  
(86) **Int.søknadsnr :** PCT/IB2018/053812  
(73) **Innehaver:**  
Sol-Millennium Swiss R&D Center SA, Piazzetta San Carlo  
26900 Lugano, CH-Sveits
- (72) **Oppfinner:**  
DE ZOLT, Dario, Via Gorizia 26/C21054 Fagnano Olona  
(VA), IT-Italia  
LAGANA', Matteo, Via Erba 722030 Longone al Segrino  
(CO), IT-Italia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
SAFETY NEEDLE WITH DEFORMABLE CANNULA FOR  
INJECTOR PEN

- (51) **Klasse :** **A61N 1/375 (2006.01)**  
**A61N 1/05 (2006.01)**
- (87) **EP Publ.nr:** EP3512597  
(86) **EP søkn.nr:** 18807086.6  
(86) **EP innl.dag:** 2018.11.27  
(87) **EP publ.dag:** 2019.07.24  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2017.12.04, WO, PCT/EP17/081408  
(86) **Int.inndag :** 2018.11.27  
(86) **Int.søknadsnr :** PCT/EP2018/082703  
(73) **Innehaver:**  
SYNERGIA MEDICAL, Rue Emile Francqui 61435 Mont-  
Saint-Guibert, BE-Belgia
- (72) **Oppfinner:**  
DOGUET, Pascal, c/o SYNERGIA MEDICALRue Emile  
Francqui 61435 Mont-Saint-Guibert, BE-Belgia  
DAUTREBANDE, Marie, c/o SYNERGIA MEDICALRue  
Emile Francqui 61435 Mont-Saint-Guibert, BE-Belgia  
OLBRECHTS, Benoit, c/o SYNERGIA MEDICALRue Emile  
Francqui 61435 Mont-Saint-Guibert, BE-Belgia  
THIEBAUT, Grégory, c/o SYNERGIA MEDICALRue Emile  
Francqui 61435 Mont-Saint-Guibert, BE-Belgia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
CUFF ELECTRODE OR OPTRODE COMPRISING SOFT  
EDGES AND PROCESS FOR THE PRODUCTION  
THEREOF

- (51) **Klasse :** **A61Q 15/00 (2006.01)**  
**A61K 8/73 (2006.01)**
- (87) **EP Publ.nr:** EP3313533  
(86) **EP søkn.nr:** 16734589.1  
(86) **EP innl.dag:** 2016.06.21  
(87) **EP publ.dag:** 2018.05.02  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.06.25, EP, 15173747  
(86) **Int.inndag :** 2016.06.21  
(86) **Int.søknadsnr :** PCT/EP2016/064250  
(73) **Innehaver:**  
Aziende Chimiche Riunite Angelini Francesco A.C.R.A.F.  
S.p.A., Viale Amelia, 7000181 Roma, IT-Italia
- (72) **Oppfinner:**  
TONGIANI, Serena, Via dei Laghi, 2300046  
GROTTAFERRATA (Roma), IT-Italia  
RAGNI, Lorella, Via Tommasi 1760033 Chiaravalle  
(Ancona), IT-Italia  
DONELLI, Daniela, Via Sappanico 8860131 Ancona, IT-  
Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DEODORANT COMPOSITION COMPRISING A MIXTURE  
OF ALPHA, BETA AND GAMMA CYCLODEXTRIN

- (51) **Klasse :** **A62C 2/08 (2006.01)**  
**A62C 31/24 (2006.01)**  
**B05B 15/62 (2018.01)**  
**B05B 15/68 (2018.01)**  
**E21B 41/00 (2006.01)**
- (87) **EP Publ.nr:** EP2869937  
(86) **EP søkn.nr:** 13750358.7  
(86) **EP innl.dag:** 2013.07.09  
(87) **EP publ.dag:** 2015.05.13  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2012.07.09, GB, 201212200  
2012.08.29, GB, 201215324
- (86) **Int.inndag :** 2013.07.09  
(86) **Int.søknadsnr :** PCT/GB2013/051810  
(73) **Innehaver:**  
Rigdeluge Global Limited, Unit 4 Cothill Fintray  
DyceAberdeen AB21 0JD, GB-Storbritannia
- (72) **Oppfinner:**  
GARDEN, Ian, Riverbank LodgeBridge of  
AlfordAlfordAberdeenshire AB33 8QJ, GB-Storbritannia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
Method of providing deluge system and burner boom  
comprising a deluge system

- (51) **Klasse :** **A63B 23/10 (2006.01)**  
**A61H 1/02 (2006.01)**  
**A63B 69/00 (2006.01)**  
**A63B 71/00 (2006.01)**
- (87) **EP Publ.nr:** EP2498879  
(86) **EP søkn.nr:** 10781595.3  
(86) **EP innl.dag:** 2010.11.09  
(87) **EP publ.dag:** 2012.09.19  
(80) **EP meddelt :** 2019.12.25  
(30) **Prioritet:** 2009.11.12, DK, 200901210  
2010.03.26, DK, 201000253
- (86) **Int.inndag :** 2010.11.09  
(86) **Int.søknadsnr :** PCT/DK2010/050298  
(73) **Innehaver:**  
INNOVAID A/S, Muslingevej 388250 Egaa, DK-Danmark
- (72) **Oppfinner:**  
HJORT, Martin, Ballesvej 9DK-8543 Hornslet, DK-Danmark
- (74) **Fullmektig:**  
Orsnes Patent ApS, Forskerparken 10, 5230 ODENSE,  
Danmark
- (54) **Benevnelse:**  
EXERCISE EQUIPMENT INTENDED FOR EXERCISING  
LEGS OF A PERSON

- (51) **Klasse :** **B01D 53/14 (2006.01)**
- (87) **EP Publ.nr:** EP2959956  
(86) **EP søkn.nr:** 14754559.4  
(86) **EP innl.dag:** 2014.02.14  
(87) **EP publ.dag:** 2015.12.30  
(80) **EP meddelt :** 2019.12.18  
(30) **Prioritet:** 2013.02.25, JP, 2013035149  
(86) **Int.inndag :** 2014.02.14  
(86) **Int.søknadsnr :** PCT/JP2014/053485
- (73) **Innehaver:**  
Nippon Steel Corporation, 6-1, Marunouchi 2-chome,  
Chiyoda-ku,Tokyo, JP-Japan
- (72) **Oppfinner:**  
HIGASHII, Takayuki, c/o RESEARCH INSTITUTE OF  
INNOVATIVE TECHNOLOGYFOR THE EARTH9-  
2KizugawadaiKizugawa-shiKyoto 619-0292, JP-Japan  
CHOWDHURY, Firoz Alam, c/o RESEARCH INSTITUTE  
OF INNOVATIVE TECHNOLOGYFOR THE EARTH9-  
2KizugawadaiKizugawa-shiKyoto 619-0292, JP-Japan  
GOTO, Kazuya, c/o RESEARCH INSTITUTE OF  
INNOVATIVE TECHNOLOGYFOR THE EARTH9-  
2KizugawadaiKizugawa-shiKyoto 619-0292, JP-Japan  
MATSUZAKI, Yoichi, c/o NIPPON STEEL&SUMITOMO  
METAL CORPORATION6-1Marunouchi 2-chomeChiyoda-  
kuTokyo 100-8071, JP-Japan  
ONODA, Masami, c/o NIPPON STEEL&SUMITOMO  
METAL CORPORATION6-1Marunouchi 2-chomeChiyoda-  
kuTokyo 100-8071, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LIQUID FOR ABSORBING AND RECOVERING CARBON  
DIOXIDE IN GAS, AND METHOD FOR RECOVERING  
CARBON DIOXIDE WITH USE OF SAME

- (51) **Klasse :** **B01D 53/22 (2006.01)**  
**B01D 53/86 (2006.01)**  
**B01D 53/90 (2006.01)**  
**C10L 3/10 (2006.01)**
- (87) **EP Publ.nr:** EP3268113  
(86) **EP søkn.nr:** 16707548.0  
(86) **EP innl.dag:** 2016.02.26  
(87) **EP publ.dag:** 2018.01.17  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.03.11, GB, 201504130  
(86) **Int.inndag :** 2016.02.26  
(86) **Int.søknadsnr :** PCT/GB2016/050510
- (73) **Innehaver:**  
Johnson Matthey Davy Technologies Limited, 5th Floor 25  
Farringdon StreetLondon, Greater London EC4A 4AB, GB-  
Storbritannia
- (72) **Oppfinner:**  
TILLEY, Simon Nicholas, The Technology CentrePrinceton  
DriveThornabyStockton-on-TeesDurham TS17 6PY, GB-  
Storbritannia  
SWINNEY, John, The Technology CentrePrinceton  
DriveThornabyStockton-on-TeesDurham TS17 6PY, GB-  
Storbritannia  
WATSON, David J., The Technology CentrePrinceton  
DriveThornabyStockton-on-TeesDurham TS17 6PY, GB-  
Storbritannia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PROCESS FOR REMOVING CO2 FROM CRUDE  
NATURAL GAS

- (51) **Klasse :** **B01D 61/42 (2006.01)**  
**D21D 5/00 (2006.01)**
- (87) **EP Publ.nr:** EP3110534  
(86) **EP søkn.nr:** 14884237.0  
(86) **EP innl.dag:** 2014.02.28  
(87) **EP publ.dag:** 2017.01.04  
(80) **EP meddelt :** 2019.12.25  
(86) **Int.inndag :** 2014.02.28  
(86) **Int.søknadsnr :** PCT/CA2014/050156
- (73) **Innehaver:**  
Noram Engineering and Constructors Ltd, 200 Granville Street, Suite 1800 Vancouver, BC V6C 1S4, CA-Canada
- (72) **Oppfinner:**  
LOCKHART, James M., 2441 East 40th Avenue Vancouver, British Columbia V5R 2V6, CA-Canada  
SYMONS, Peter G., 4235 Thornwood Lane Williamsville, New York 14221, US-USA  
GENDERS, J. David, 1951 Woodard Road Elma, New York 14059, US-USA
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
PURIFICATION PROCESS FOR PARTLY-HYDROLYZED CELLULOSE

- (51) **Klasse :** **B02C 7/12 (2006.01)**
- (87) **EP Publ.nr:** EP3398683  
(86) **EP søkn.nr:** 18173124.1  
(86) **EP innl.dag:** 2016.02.22  
(87) **EP publ.dag:** 2018.11.07  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.04.24, DE, 102015207536
- (73) **Innehaver:**  
Voith Patent GmbH, St. Pöltener Straße 4389522 Heidenheim, DE-Tyskland
- (72) **Oppfinner:**  
Schmid, Martin, Am Hofgut 2988260 Argenbühl, DE-Tyskland  
Hecht, Jutta, Theodor-Schnell-Weg 888213 Ravensburg, DE-Tyskland
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
REFINER ELEMENT FOR THE REFINING OF FIBROUS MATERIAL

- (51) **Klasse :** **B03C 11/00 (2006.01)**
- (87) **EP Publ.nr:** EP2383040  
(86) **EP søkn.nr:** 11155616.3  
(86) **EP innl.dag:** 2011.02.23  
(87) **EP publ.dag:** 2011.11.02  
(80) **EP meddelt :** 2020.01.15  
(30) **Prioritet:** 2010.04.28, NO, 20100613
- (73) **Innehaver:**  
Sulzer Management AG, Neuwiesenstrasse 158401 Winterthur, CH-Sveits
- (72) **Oppfinner:**  
Bjørklund, Erik, Ombergveien 14b0283 Oslo Norge  
Friberg, Reidar, Stølsvegen 13b0590 Oslo Norge
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
Electrostatic coalescing device

- (51) **Klasse :** **B05B 16/00 (2018.01)**  
**B05B 5/00 (2006.01)**  
**B05B 5/03 (2006.01)**  
**B05B 5/16 (2006.01)**  
**B05B 7/24 (2006.01)**
- (87) **EP Publ.nr:** EP2906353  
(86) **EP søkn.nr:** 13715453.0  
(86) **EP innl.dag:** 2013.02.08  
(87) **EP publ.dag:** 2015.08.19  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2012.10.10, IT, FI20120205  
(86) **Int.inndag :** 2013.02.08  
(86) **Int.søknadsnr :** PCT/IT2013/000040
- (73) **Innehaver:**  
Eurosider S.a.S. di Milli Ottavio & C., Piazzale Thailandia, 658100 Grosseto (GR), IT-Italia
- (72) **Oppfinner:**  
MILLI, Ottavio, Via Liri 68/CI-58100 Grosseto, IT-Italia
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR ELECTROSTATIC PAINTING

- (51) **Klasse :** **B07C 5/34 (2006.01)**  
**B07C 5/00 (2006.01)**
- (87) **EP Publ.nr:** EP3138635  
(86) **EP søkn.nr:** 16020303.0  
(86) **EP innl.dag:** 2016.08.11  
(87) **EP publ.dag:** 2017.03.08  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2015.09.02, IT, UB20153353
- (73) **Innehaver:**  
Klotzner, Stefan, Via Brennero, 3/B/939100 Bolzano, IT-Italia  
Romani, Daniele, Via Sassari 68/839100 Bolzano, IT-Italia
- (72) **Oppfinner:**  
Klotzner, Stefan, Via Brennero, 3/B/939100 Bolzano, IT-Italia  
Romani, Daniele, Via Sassari 68/839100 Bolzano, IT-Italia
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
SYSTEM FOR THE DISTRIBUTION, AUTOMATIC PACKAGING AND RETURN OF PUBLISHING PRODUCTS

- (51) **Klasse :** **B26D 1/547 (2006.01)**  
**B60J 10/00 (2016.01)**
- (87) **EP Publ.nr:** EP3046737  
(86) **EP søkn.nr:** 13766281.3  
(86) **EP innl.dag:** 2013.09.20  
(87) **EP publ.dag:** 2016.07.27  
(80) **EP meddelt :** 2020.01.08  
(86) **Int.inndag :** 2013.09.20  
(86) **Int.søknadsnr :** PCT/EP2013/069642
- (73) **Innehaver:**  
Belron International Limited, Milton Park Stroude Road Egham, Surrey TW20 9EL, GB-Storbritannia
- (72) **Oppfinner:**  
CARLTON, Alistair, Belron Hungary Kft - Zug Branch Gotthardstrasse 20CH-6304 Zug, CH-Sveits  
WECKX, Patrick, Belron Hungary Kft - Zug Branch Gotthardstrasse 20CH-6304 Zug, CH-Sveits
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
VEHICLE GLAZING PANEL CUT OUT

- (51) **Klasse :** **B60C 11/03 (2006.01)**  
**B60C 11/11 (2006.01)**  
**B60C 11/12 (2006.01)**
- (87) **EP Publ.nr:** EP3383670  
(86) **EP søkn.nr:** 16763533.3  
(86) **EP innl.dag:** 2016.09.13  
(87) **EP publ.dag:** 2018.10.10  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2015.12.04, DE, 102015224288  
(86) **Int.inndag :** 2016.09.13  
(86) **Int.søknadsnr :** PCT/EP2016/071496  
(73) **Innehaver:**  
Continental Reifen Deutschland GmbH, Vahrenwalder  
Strasse 930165 Hannover, DE-Tyskland
- (72) **Oppfinner:**  
BROCKMANN, Jürgen, Stolzestraße 1930171 Hannover,  
DE-Tyskland  
DIENSTHUBER, Franz, Sandhöfer Allee 10/2.1560528  
Frankfurt, DE-Tyskland  
SENG, Matthias, Anna-Turgonska-Anger 630453  
Hannover, DE-Tyskland
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
PNEUMATIC VEHICLE TYRES

- (51) **Klasse :** **B60H 1/00 (2006.01)**  
**B60H 1/14 (2006.01)**  
**B60H 1/32 (2006.01)**  
**B60L 58/24 (2019.01)**  
**H01M 10/613 (2014.01)**  
**H01M 10/625 (2014.01)**  
**H01M 10/6568 (2014.01)**  
**H01M 10/663 (2014.01)**  
**H01M 10/667 (2014.01)**
- (87) **EP Publ.nr:** EP3260319  
(86) **EP søkn.nr:** 16197979.4  
(86) **EP innl.dag:** 2016.11.09  
(87) **EP publ.dag:** 2017.12.27  
(80) **EP meddelt :** 2019.12.25  
(30) **Prioritet:** 2016.06.20, KR, 20160076562  
(73) **Innehaver:**  
Hyundai Motor Company, 12, Heolleung-ro Seocho-  
guSeoul 137-938, KR-Sør-Korea
- (72) **Oppfinner:**  
KIM, Jae Yeon, 145-2604, 231, Dongtanbanseok-  
roHwaseong-si, Gyeonggi-do, KR-Sør-Korea  
KIM, Yeon Ho, 103-201, 84, Dongho-roSeongdong-gu, KR-  
Sør-Korea  
KIM, Myunghwan, 811, 46, Namyang-ro 621beon-gil,  
Namyang-eupHwaseong-si, Gyeonggi-do, KR-Sør-Korea  
CHO, Wan Je, 213-1401, 38, Dongtansibeomhanbit-  
gilHwaseong-si, Gyeonggi-do, KR-Sør-Korea
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
HEAT PUMP SYSTEM FOR VEHICLE

- (51) **Klasse :** **B60J 10/70 (2016.01)**
- (87) **EP Publ.nr:** EP2895344  
(86) **EP søkn.nr:** 13774718.4  
(86) **EP innl.dag:** 2013.09.04  
(87) **EP publ.dag:** 2015.07.22  
(80) **EP meddelt :** 2020.01.22  
(30) **Prioritet:** 2012.09.14, FR, 1258663  
(86) **Int.inndag :** 2013.09.04  
(86) **Int.søknadsnr :** PCT/FR2013/052034  
(73) **Innehaver:**  
Saint-Gobain Glass France, 18 avenue d' Alsace92400  
Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
SILVESTRINI, Laurent, 90 rue du Marais GuillainF-60400  
Bussy, FR-Frankrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
SEAL SYSTEM FOR A VEHICLE GLAZING, GLAZING  
PROVIDED WITH THE SYSTEM AND METHOD FOR  
MOUNTING THE GLAZING

- (51) **Klasse :** **B60P 1/28 (2006.01)**
- (87) **EP Publ.nr:** EP2607161  
(86) **EP søkn.nr:** 11195657.9  
(86) **EP innl.dag:** 2011.12.23  
(87) **EP publ.dag:** 2013.06.26  
(80) **EP meddelt :** 2019.12.25  
(73) **Innehaver:**  
Metso Sweden AB, Box 132231 22 Trelleborg, SE-Sverige
- (72) **Oppfinner:**  
Burström, Anders, Hammars Parkväg 9216 30 Limhamn,  
SE-Sverige  
Persson, Henrik, Lillevangsvägen 17231 68 Trelleborg, SE-  
Sverige  
Hansson, Jonas, Drottninggatan 16244 63 Furulund, SE-  
Sverige
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
WEAR RESISTANT LINING ELEMENT FOR EDGE  
PROTECTION AND METHOD FOR MANUFACTURING  
THE SAME

- (51) **Klasse :** **B60S 3/04 (2006.01)**  
**B60S 3/06 (2006.01)**
- (87) **EP Publ.nr:** EP2500219  
(86) **EP søkn.nr:** 12159630.8  
(86) **EP innl.dag:** 2012.03.15  
(87) **EP publ.dag:** 2012.09.19  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2011.03.16, FI, 20115259  
(73) **Innehaver:**  
Tammermatic Oy, Tesoman Valtatie 2833300 Tampere, FI-  
Finland
- (72) **Oppfinner:**  
Palo, Asko, Metsäpirtinkatu 737120 Nokia, FI-Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Method and apparatus for washing or drying a vehicle

- (51) **Klasse :** **B60S 5/06 (2019.01)**  
**B60K 1/04 (2019.01)**  
**B60R 16/04 (2006.01)**
- (87) **EP Publ.nr:** EP3127765  
(86) **EP søkn.nr:** 14887920.8  
(86) **EP innl.dag:** 2014.04.01  
(87) **EP publ.dag:** 2017.02.08  
(80) **EP meddelt :** 2020.01.08  
(86) **Int.inndag :** 2014.04.01  
(86) **Int.søknadsnr :** PCT/CN2014/074558  
(73) **Innehaver:**  
Guangdong Hua'chan Research Institute of Intelligent Transportation System Co., Ltd., Room C101-C-103, C-105, Xing'he Ming'Yuan C Building, Dong'tang Community, Sha'jing Street, Bao'an District, Shenzhen City, Guangdong Province, CN-Kina
- (72) **Oppfinner:**  
GONG, Shugang, Building A5, Zone A-5, Tongfuyu Industrial Park, Buchong, Shajing Street Baoan District, Shenzhen, Guangdong 518104, CN-Kina  
ZENG, Lei, Building A5, Zone A-5, Tongfuyu Industrial Park, Buchong, Shajing Street Baoan District, Shenzhen, Guangdong 518104, CN-Kina  
YANG, Huilong, Building A5, Zone A-5, Tongfuyu Industrial Park, Buchong, Shajing Street Baoan District, Shenzhen, Guangdong 518104, CN-Kina  
LIN, Shaorong, Building A5, Zone A-5, Tongfuyu Industrial Park, Buchong, Shajing Street Baoan District, Shenzhen, Guangdong 518104, CN-Kina  
PENG, Liguang, Building A5, Zone A-5, Tongfuyu Industrial Park, Buchong, Shajing Street Baoan District, Shenzhen, Guangdong 518104, CN-Kina
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
VEHICLE BATTERY CLAMPING DEVICE

- (51) **Klasse :** **B61C 3/00 (2006.01)**  
**B61C 17/04 (2006.01)**  
**B61D 17/16 (2006.01)**
- (87) **EP Publ.nr:** EP2838776  
(86) **EP søkn.nr:** 13729645.5  
(86) **EP innl.dag:** 2013.06.06  
(87) **EP publ.dag:** 2015.02.25  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2012.06.26, DE, 102012210857  
(86) **Int.inndag :** 2013.06.06  
(86) **Int.søknadsnr :** PCT/EP2013/061631  
(73) **Innehaver:**  
Siemens Mobility GmbH, Otto-Hahn-Ring 681739 München, DE-Tyskland
- (72) **Oppfinner:**  
GEBHARD, Bruno, John-F.-Kennedy-Ring 11 A91301 Forchheim, DE-Tyskland  
THAMM, Markus, Naumburgerstr. 490491 Nürnberg, DE-Tyskland
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
REAR-VENTILATED AWNING FOR ROOF UNITS OF RAIL VEHICLES

- (51) **Klasse :** **B61K 9/06 (2006.01)**
- (87) **EP Publ.nr:** EP2459430  
(86) **EP søkn.nr:** 10804956.0  
(86) **EP innl.dag:** 2010.07.27  
(87) **EP publ.dag:** 2012.06.06  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2009.07.29, US, 229582 P  
(86) **Int.inndag :** 2010.07.27  
(86) **Int.søknadsnr :** PCT/US2010/043379  
(73) **Innehaver:**  
Wabtec Control Systems Pty Ltd, Scarborough Beach Road Osborne Park, WA 6017, AU-Australia
- (72) **Oppfinner:**  
KILIAN, Krzysztof, 23 Pourtales Road Colorado Springs, CO 80906, US-USA  
MAZUR, Vladimir, 24 Glengariff Drive Floreat Western Australia 6014, AU-Australia
- (74) **Fullmektig:**  
Wabtec Control Systems Pty Ltd, Scarborough Beach Road, WA6017 OSBORNE PARK, Australia
- (54) **Benevnelse:**  
METHOD FOR MONITORING CONDITION OF RAIL CAR BEARINGS

- (51) **Klasse :** **B61L 3/12 (2006.01)**  
**B61L 23/04 (2006.01)**  
**B61L 25/02 (2006.01)**
- (87) **EP Publ.nr:** EP2998184  
(86) **EP søkn.nr:** 14380028.2  
(86) **EP innl.dag:** 2014.09.18  
(87) **EP publ.dag:** 2016.03.23  
(80) **EP meddelt :** 2020.01.08  
(73) **Innehaver:**  
Siemens Rail Automation S.A.U., Ronda de Europa 5 ES-28760 Tres Cantos (Madrid), ES-Spania
- (72) **Oppfinner:**  
Celestino Salmeron, David, Urb. El Cerrillo, bloque Murillo 2 3 izg.E-28240 Hoyo de Manzanares, ES-Spania  
Munoz Munoz, Jose Luis, C/ Océano Atlántico No. 10 F 4° AE-28821 Coslada (Madrid), ES-Spania  
Saiz Munoz, Maria, C / Bélgica n°2 7° AE-28940 Fuenlabrada (Madrid), ES-Spania  
Sanchiz Redondo, Rocio, Calle Seises 1A bajo DE-28801 Alcala de Henares (Madrid), ES-Spania  
Frechiall Daza, Faustino, Sector Musicos, 27. 4-ATres Cantos 28760 Madrid, ES-Spania  
Rodriguez Urbieta, Jaime, C/ Arturo Soria 4 Portal E 3C28806 Alcalá de Henares (Madrid), ES-Spania
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
System and method for automatically locating and recording a beacon



(51) **Klasse :** **B61L 15/00 (2006.01)**  
**B61L 25/04 (2006.01)**  
**B61L 3/12 (2006.01)**  
**B61L 23/00 (2006.01)**  
**B61L 23/04 (2006.01)**  
**B61L 25/02 (2006.01)**

(87) **EP Publ.nr:** EP3028920  
(86) **EP søkn.nr:** 14380039.9  
(86) **EP innl.dag:** 2014.12.19  
(87) **EP publ.dag:** 2016.06.08  
(80) **EP meddelt :** 2020.02.05  
(30) **Prioritet:** 2014.12.05, EP, 14290371  
(73) **Innehaver:**  
Siemens Rail Automation S.A.U., Ronda de Europa 5ES-28760 Tres Cantos (Madrid), ES-Spania

(72) **Oppfinner:**  
Melchor Terleira Irazabal, Carlos, Béjar 38E-28028 Madrid, ES-Spania

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

(54) **Benevnelse:**  
Communication method and system for exchanging information between guided vehicles

(51) **Klasse :** **B63B 35/00 (2006.01)**  
**B63H 1/36 (2006.01)**

(87) **EP Publ.nr:** EP3097010  
(86) **EP søkn.nr:** 14867466.6  
(86) **EP innl.dag:** 2014.12.04  
(87) **EP publ.dag:** 2016.11.30  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2013.12.04, US, 201361911888 P  
2014.02.06, US, 201461936419 P

(86) **Int.inndag :** 2014.12.04  
(86) **Int.søknadsnr :** PCT/US2014/068572  
(73) **Innehaver:**  
Garthwaite, Martin S., 10155 Ne Winther RoadBainbridge Island, WA 98110, US-USA

(72) **Oppfinner:**  
ABELL, Nathan, 10654 NE Byron DriveBainbridge Island, WA 98110, US-USA  
HELLRIEGEL, Stephen, 10654 NE Byron DriveBainbridge Island, WA 98110, US-USA

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

(54) **Benevnelse:**  
FIN-BASED WATERCRAFT PROPULSION SYSTEM

(51) **Klasse :** **B63B 35/44 (2006.01)**  
**F03D 13/25 (2016.01)**

(87) **EP Publ.nr:** EP3153398  
(86) **EP søkn.nr:** 15800536.3  
(86) **EP innl.dag:** 2015.05.27  
(87) **EP publ.dag:** 2017.04.12  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2014.05.27, ES, 201430794  
(86) **Int.inndag :** 2015.05.27  
(86) **Int.søknadsnr :** PCT/ES2015/070412  
(73) **Innehaver:**  
Esteyco SA, Menéndez Pidal 1728036 Madrid, ES-Spania  
Sea Wind Towers S.L., C/ Menéndez Pidal 1728036 Madrid, ES-Spania

(72) **Oppfinner:**  
FERNÁNDEZ GÓMEZ, Miguel Ángel, c/o ESTEYCO S.A.P.Menéndez Pidal, 17E-20836 Madrid, ES-Spania  
SERNA GARCÍA-CONDE, José, c/o ESTEYCO S.A.P.Menéndez Pidal, 17E-20836 Madrid, ES-Spania

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

(54) **Benevnelse:**  
FLOATING STRUCTURE AND METHOD OF INSTALLING SAME

(51) **Klasse :** **B63B 39/00 (2006.01)**  
**G05D 1/08 (2006.01)**

(87) **EP Publ.nr:** EP3076259  
(86) **EP søkn.nr:** 16161378.1  
(86) **EP innl.dag:** 2016.03.21  
(87) **EP publ.dag:** 2016.10.05  
(80) **EP meddelt :** 2020.03.11  
(30) **Prioritet:** 2015.04.02, GB, 201505697  
(73) **Innehaver:**  
Rolls-Royce plc, Kings Place 90 York WayLondon N1 9FX, GB-Storbritannia

(72) **Oppfinner:**  
Edmunds, Colin R, c/o Rolls-Royce plcPO Box 31Derby, Derbyshire DE24 8BJ, GB-Storbritannia

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

(54) **Benevnelse:**  
A SYSTEM AND METHOD FOR CONTROLLING ROLLING MOTION OF A MARINE VESSEL

(51) **Klasse :** **B65D 77/22 (2006.01)**  
**B65D 51/16 (2006.01)**  
**B65D 81/34 (2006.01)**

(87) **EP Publ.nr:** EP3375729  
(86) **EP søkn.nr:** 17161606.3  
(86) **EP innl.dag:** 2017.03.17  
(87) **EP publ.dag:** 2018.09.19  
(80) **EP meddelt :** 2019.11.20  
(73) **Innehaver:**  
MicVac AB, Flöjelbergsgatan 10431 37 Mölndal, SE-Sverige

(72) **Oppfinner:**  
LARSSON, Fredrik, Axcgatan 63431 40 MÖLNDAL, SE-Sverige  
ZETTERBERG, Johan, Maritas Väg 7B269 39 BÅSTAD, SE-Sverige

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

(54) **Benevnelse:**  
ONE-WAY VALVE FOR FOOD PACKAGES

- (51) **Klasse :** **B65D 85/804 (2006.01)**  
 (87) **EP Publ.nr.:** EP3119702  
 (86) **EP søkn.nr.:** 16744561.8  
 (86) **EP innl.dag:** 2016.05.13  
 (87) **EP publ.dag:** 2017.01.25  
 (80) **EP meddelt :** 2020.02.12  
 (30) **Prioritet:** 2015.05.15, WO, PCT/NL15/000018  
 2015.05.15, WO, PCT/NL15/050349  
 2015.05.15, WO, PCT/NL15/050352  
 2015.09.03, WO, PCT/NL15/050611
- (86) **Int.inndag :** 2016.05.13  
 (86) **Int.søknadsnr :** PCT/NL2016/050350  
 (73) **Innehaver:**  
 Koninklijke Douwe Egberts B.V., Vleutensevaart 353532  
 AD Utrecht, NL-Nederland
- (72) **Oppfinner:**  
 DIJKSTRA, Hielke, c/o Vleutensevaart 353532 AD Utrecht,  
 NL-Nederland  
 GROOTHORNTTE, Arend Hendrik, c/o Vleutensevaart  
 353532 AD Utrecht, NL-Nederland  
 VAN GAASBEEK, Erik Pieter, c/o Vleutensevaart 353532  
 AD Utrecht, NL-Nederland  
 OTTENSCHOT, Marc Henrikus Joseph, c/o Vleutensevaart  
 353532 AD Utrecht, NL-Nederland  
 KAMERBEEK, Ralf, c/o Vleutensevaart 353532 AD  
 Utrecht, NL-Nederland  
 EIJSACKERS, Armin Sjoerd, c/o Vleutensevaart 353532  
 AD Utrecht, NL-Nederland  
 FLAMAND, John Henri, c/o Vleutensevaart 353532 AD  
 Utrecht, NL-Nederland  
 HALLIDAY, Andrew Michael, c/o Vleutensevaart 353532  
 AD Utrecht, NL-Nederland  
 HANSEN, Nicholas Andrew, c/o Vleutensevaart 353532 AD  
 Utrecht, NL-Nederland
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
 A CAPSULE, A SYSTEM FOR PREPARING A POTABLE  
 BEVERAGE FROM SUCH A CAPSULE AND USE OF  
 SUCH A CAPSULE IN A BEVERAGE PREPARATION  
 DEVICE

- (51) **Klasse :** **B65G 1/04 (2006.01)**  
 (87) **EP Publ.nr.:** EP3230179  
 (86) **EP søkn.nr.:** 15807927.7  
 (86) **EP innl.dag:** 2015.12.10  
 (87) **EP publ.dag:** 2017.10.18  
 (80) **EP meddelt :** 2019.12.04  
 (30) **Prioritet:** 2014.12.10, AT, 8892014  
 2014.12.10, AT, 8902014
- (86) **Int.inndag :** 2015.12.10  
 (86) **Int.søknadsnr :** PCT/EP2015/079256  
 (73) **Innehaver:**  
 Swisslog Evomatic GMBH, Gewerbepark Ost 64621  
 Sipbachzell, AT-Østerrike
- (72) **Oppfinner:**  
 ASCHAUER, Herbert, Gladiolenstrasse 44600 Wels, AT-  
 Østerrike
- (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
 SANDNES, Norge
- (54) **Benevnelse:**  
 LOAD-RECEIVING DEVICE

- (51) **Klasse :** **B65H 29/66 (2006.01)**  
 (87) **EP Publ.nr.:** EP2660174  
 (86) **EP søkn.nr.:** 13165945.0  
 (86) **EP innl.dag:** 2013.04.30  
 (87) **EP publ.dag:** 2013.11.06  
 (80) **EP meddelt :** 2019.11.20  
 (30) **Prioritet:** 2012.05.02, DE, 102012207285
- (73) **Innehaver:**  
 BDT Media Automation GmbH, Saline 2978628 Rottweil,  
 DE-Tyskland
- (72) **Oppfinner:**  
 Enderle, Patrick, Eblestraße 2878628 Rottweil, DE-  
 Tyskland  
 Kearney, Peter, Hohelieth 124326 Dörnack, DE-Tyskland  
 Wardak, Andreas, Hauptstraße 1578628 Rottweil, DE-  
 Tyskland
- (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
 Device for creating a layer transport flow of flat, flexible  
 objects

- (51) **Klasse :** **B66B 7/06 (2006.01)**  
**D07B 1/06 (2006.01)**  
 (87) **EP Publ.nr.:** EP3159296  
 (86) **EP søkn.nr.:** 15808960.7  
 (86) **EP innl.dag:** 2015.06.18  
 (87) **EP publ.dag:** 2017.04.26  
 (80) **EP meddelt :** 2020.01.01  
 (30) **Prioritet:** 2014.06.19, KR, 20140075058  
 (86) **Int.inndag :** 2015.06.18  
 (86) **Int.søknadsnr :** PCT/KR2015/006212
- (73) **Innehaver:**  
 Kiswire Ltd., 20 Gurak-ro 123beon-gil Suyeong-guBusan  
 613-701, KR-Sør-Korea
- (72) **Oppfinner:**  
 HONG, Sung Hee, 102-2008190-6 Hwangnyeong-daero  
 319beon-gilNam-guBusan 608-755, KR-Sør-Korea  
 BAE, Yeon Hwan, 305-80686-19 Namwon-roOcheon-  
 eupNam-guPohang-siGyeongsangbuk-do 790-911, KR-  
 Sør-Korea
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
 ROPE FOR ELEVATOR AND MANUFACTURING  
 METHOD THEREFOR

- (51) **Klasse :** C01B 3/06 (2006.01)  
C01B 3/08 (2006.01)
- (87) **EP Publ.nr:** EP3371097
- (86) **EP søkn.nr:** 16778018.8
- (86) **EP innl.dag:** 2016.10.06
- (87) **EP publ.dag:** 2018.09.12
- (80) **EP meddelt :** 2019.12.04
- (30) **Prioritet:** 2015.10.06, FR, 1559518
- (86) **Int.inndag :** 2016.10.06
- (86) **Int.søknadsnr :** PCT/EP2016/073905
- (73) **Innehaver:**  
Université de Bordeaux, 35 Place Pey Berland33000  
Bordeaux, FR-Frankrike  
Institut Polytechnique de Bordeaux, 1, rue du Docteur  
Albert Schweitzer33400 Talence, FR-Frankrike  
Centre National de la Recherche Scientifique, 3, rue  
Michel-Ange75016 Paris, FR-Frankrike
- (72) **Oppfinner:**  
MAUVY, Fabrice Claude Michel, 2 allée des pinsons33610  
Canejan, FR-Frankrike  
BOBET, Jean-Louis, 19 avenue de l'Armistice33600  
Pessac, FR-Frankrike  
SABATIER, Jocelyn, 6 rue Parmentier33140 Villenave  
D'ornon, FR-Frankrike  
BOS, Frédéric, 31 boulevard Sauvagnanc33500 Libourne,  
FR-Frankrike
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
USE OF A MAGNESIUM-BASED MATERIAL FOR  
PRODUCING DIHYDROGEN OR ELECTRICITY

- (51) **Klasse :** C01B 25/45 (2006.01)  
C02F 1/52 (2006.01)  
C02F 1/58 (2006.01)  
C02F 1/66 (2006.01)  
C02F 3/28 (2006.01)  
C02F 11/04 (2006.01)  
C02F 11/121 (2019.01)  
C02F 11/14 (2019.01)  
C02F 11/18 (2006.01)  
C12M 1/00 (2006.01)  
C12M 1/107 (2006.01)  
C12M 1/34 (2006.01)
- (87) **EP Publ.nr:** EP3458413
- (86) **EP søkn.nr:** 17723441.6
- (86) **EP innl.dag:** 2017.05.19
- (87) **EP publ.dag:** 2019.03.27
- (80) **EP meddelt :** 2019.12.04
- (30) **Prioritet:** 2016.05.20, EP, 16170684
- (86) **Int.inndag :** 2017.05.19
- (86) **Int.søknadsnr :** PCT/EP2017/062142
- (73) **Innehaver:**  
Cambi Technology AS, Postboks 781371 AskerNorge
- (72) **Oppfinner:**  
NILSEN, Paal Jahre, Bjørneroa 53472 BødalenNorge  
HOLTE, Hans Rasmus, Øvregrenda 33425 ReistadNorge
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR RECOVERY OF PHOSPHATE

- (51) **Klasse :** C02F 3/12 (2006.01)  
C02F 3/10 (2006.01)  
C02F 3/30 (2006.01)  
C02F 11/04 (2006.01)  
C02F 101/16 (2006.01)
- (87) **EP Publ.nr:** EP3197838
- (86) **EP søkn.nr:** 15771911.3
- (86) **EP innl.dag:** 2015.09.24
- (87) **EP publ.dag:** 2017.08.02
- (80) **EP meddelt :** 2020.01.08
- (30) **Prioritet:** 2014.09.24, SE, 1451128
- (86) **Int.inndag :** 2015.09.24
- (86) **Int.søknadsnr :** PCT/EP2015/072008
- (73) **Innehaver:**  
Veolia Water Solutions & Technologies Support, 1 Place  
Montgolfier Immeuble L'Aquarène94410 Saint-Maurice, FR-  
Frankrike
- (72) **Oppfinner:**  
CHRISTENSSON, Magnus, Ferievägen 5224 67 Lomma,  
SE-Sverige  
WELANDER, Thomas, Ljunggatan 25B244 65 Furulund,  
SE-Sverige  
PICULELL, Maria, Nobelvägen 58lgh 1203214 33 Malmö,  
SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ANAMMOX PROCESS AT WASTE WATER PLANT

- (51) **Klasse :** C06B 21/00 (2006.01)  
C06B 23/00 (2006.01)  
C06B 31/28 (2006.01)  
C06B 45/12 (2006.01)  
F42D 1/08 (2006.01)
- (87) **EP Publ.nr:** EP3010872
- (86) **EP søkn.nr:** 14813070.1
- (86) **EP innl.dag:** 2014.06.20
- (87) **EP publ.dag:** 2016.04.27
- (80) **EP meddelt :** 2019.11.27
- (30) **Prioritet:** 2013.06.20, SG, 2013048376
- (86) **Int.inndag :** 2014.06.20
- (86) **Int.søknadsnr :** PCT/AU2014/050088
- (73) **Innehaver:**  
Orica International Pte Ltd, 78 Shenton Way 06-15 Tower  
2Singapore 079120, SG-Singapore
- (72) **Oppfinner:**  
ZANK, Johann, 14 Pandorea WayValentine, New South  
Wales 2280, AU-Australia  
RAYSON, Mark Stuart, 374 Tuggerawong  
RoadTuggerawong, New South Wales 2259, AU-Australia  
SUJANSKY, Vladimir, 11 Pippin AvenueEast Burwood,  
Victoria 3151, AU-Australia  
WALTER, James, 346 Marmion StreetCottesloe, Western  
Australia 6011, AU-Australia  
KIRBY, Ian John, 91 Monument RoadAyr KA7 2UF, GB-  
Storbritannia  
COOPER, John, 11 Lamford DriveAyr KA7 4DE, GB-  
Storbritannia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
A METHOD OF PRODUCING AN EXPLOSIVE EMULSION  
COMPOSITION

(51) **Klasse :** C07C 235/10 (2006.01)  
C07C 235/14 (2006.01)  
C07C 235/16 (2006.01)  
C09D 4/00 (2006.01)

(87) **EP Publ.nr:** EP3024814  
(86) **EP søkn.nr:** 14790148.2  
(86) **EP innl.dag:** 2014.07.18  
(87) **EP publ.dag:** 2016.06.01  
(80) **EP meddelt :** 2020.01.15  
(30) **Prioritet:** 2013.07.25, FR, 1357347  
(86) **Int.inndag :** 2014.07.18  
(86) **Int.søknadsnr :** PCT/FR2014/051844  
(73) **Innehaver:**  
Arkema France, 420, rue d'Estienne d'Orves92700  
Colombes, FR-Frankrike

(72) **Oppfinner:**  
BERNARD, Michael Y., 3 bis rue du TempleF-95880  
Enghien-les-Bains, FR-Frankrike

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

(54) **Benevnelse:**  
CYCLOALIPHATIC AND ALIPHATIC DIAMINE-BASED  
FATTY ACID DIAMIDES USED AS ORGANOGELATORS

(51) **Klasse :** C07D 401/04 (2006.01)  
A61K 31/454 (2006.01)  
A61K 31/506 (2006.01)  
A61P 33/14 (2006.01)  
C07D 401/14 (2006.01)  
C07D 403/04 (2006.01)  
C07D 405/14 (2006.01)

(87) **EP Publ.nr:** EP3452460  
(86) **EP søkn.nr:** 17722353.4  
(86) **EP innl.dag:** 2017.04.28  
(87) **EP publ.dag:** 2019.03.13  
(80) **EP meddelt :** 2020.02.12  
(30) **Prioritet:** 2016.05.05, US, 201662332004 P  
(86) **Int.inndag :** 2017.04.28  
(86) **Int.søknadsnr :** PCT/US2017/030082  
(73) **Innehaver:**  
Elanco Tiergesundheits AG, Mattenstr. 24A4058 Basel, CH-  
Sveits

(72) **Oppfinner:**  
TOSATTI, Paolo, c/o Eli Lilly and CompanyP.O. Box  
6288Indianapolis, Indiana 46206-6288, US-USA  
WACH, Jean-Yves, c/o Eli Lilly And CompanyP.O. Box  
6288Indianapolis, Indiana 46206-6288, US-USA

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

(54) **Benevnelse:**  
HETEROARYL-1,2,4-TRIAZOLE AND HETEROARYL-  
TETRAZOLE COMPOUNDS FOR CONTROLLING  
ECTOPARASITES

(51) **Klasse :** C07D 401/14 (2006.01)  
A61K 31/506 (2006.01)  
A61P 11/00 (2006.01)  
A61P 29/00 (2006.01)  
A61P 31/00 (2006.01)  
C07D 409/14 (2006.01)

(87) **EP Publ.nr:** EP3357919  
(86) **EP søkn.nr:** 18161869.5  
(86) **EP innl.dag:** 2015.02.13  
(87) **EP publ.dag:** 2018.08.08  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2014.02.14, US, 201461940282 P  
2014.02.18, US, 201461941064 P

(73) **Innehaver:**  
Respivert Limited, 50-100 Holmers Farm WayHigh  
Wycombe, Buckinghamshire HP12 4EG, GB-Storbritannia

(72) **Oppfinner:**  
LONGSHAW, Alistair Ian, c/o Sygnature Discovery  
LtdBiocity NottinghamPennyfoot StreetNottingham,  
Nottinghamshire NG1 1GF, GB-Storbritannia  
FORDYCE, Euan Alexander Fraser, c/o Sygnature  
Discovery LtdBiocity NottinghamPennyfoot  
StreetNottingham, NG1 1GF, GB-Storbritannia  
ONIONS, Stuart Thomas, c/o Sygnature Discovery  
LtdBiocity NottinghamPennyfoot StreetNottingham, NG1  
1GF, GB-Storbritannia  
KING-UNDERWOOD, John, Moorend CottageSchool  
LanePendock, Worcestershire GL19 3PW, GB-  
Storbritannia  
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BeachCalifornia, 92075, US-USA

(74) **Fullmektig:**  
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(54) **Benevnelse:**  
AROMATIC HETEROCYCLIC COMPOUNDS AS  
ANTIINFLAMMATORY COMPOUNDS

- (51) **Klasse :** C07D 405/12 (2006.01)  
A61K 31/443 (2006.01)  
A61K 31/4433 (2006.01)  
A61K 31/4439 (2006.01)  
A61K 31/4545 (2006.01)  
A61K 31/496 (2006.01)  
A61K 31/5377 (2006.01)  
A61P 35/00 (2006.01)  
A61P 35/02 (2006.01)  
A61P 43/00 (2006.01)  
C07D 405/14 (2006.01)  
C07D 417/14 (2006.01)
- (87) **EP Publ.nr:** EP3121175  
(86) **EP søkn.nr:** 15765525.9  
(86) **EP innl.dag:** 2015.03.16  
(87) **EP publ.dag:** 2017.01.25  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2014.03.17, JP, 2014053235  
(86) **Int.inndag :** 2015.03.16  
(86) **Int.søknadsnr :** PCT/JP2015/057652  
(73) **Innehaver:**  
Daiichi Sankyo Company, Limited, 3-5-1, Nihonbashi  
Honcho Chuo-kuTokyo 103-8426, JP-Japan
- (72) **Oppfinner:**  
KANNO, Osamu, c/o DAIICHI SANKYO  
COMPANYLIMITED1-2-58HiromachiShinagawa-kuTokyo  
140-8710, JP-Japan  
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COMPANYLIMITED1-2-58HiromachiShinagawa-kuTokyo  
140-8710, JP-Japan  
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140-8710, JP-Japan  
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140-8710, JP-Japan  
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140-8710, JP-Japan  
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134-8630, JP-Japan  
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140-8710, JP-Japan  
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140-8710, JP-Japan  
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140-8710, JP-Japan
- (74) **Fullmektig:**  
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OSLO, Norge
- (54) **Benevnelse:**  
1,3-BENZODIOXOLE DERIVATIVES AS EZH1 AND/OR  
EZH2 INHIBITORS

- (51) **Klasse :** C07D 413/14 (2006.01)  
A61K 31/506 (2006.01)  
A61P 3/00 (2006.01)  
A61P 9/00 (2006.01)  
A61P 15/00 (2006.01)  
A61P 25/00 (2006.01)  
C07D 403/04 (2006.01)  
C07D 417/14 (2006.01)  
C07D 471/04 (2006.01)  
C07D 487/04 (2006.01)  
C07D 495/04 (2006.01)
- (87) **EP Publ.nr:** EP2970243  
(86) **EP søkn.nr:** 14718278.6  
(86) **EP innl.dag:** 2014.03.14  
(87) **EP publ.dag:** 2016.01.20  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2013.03.15, US, 201361790637 P  
2013.12.11, US, 201361914915 P
- (86) **Int.inndag :** 2014.03.14  
(86) **Int.søknadsnr :** PCT/US2014/028370  
(73) **Innehaver:**  
Cyclerion Therapeutics, Inc., 301 Binney StreetCambridge,  
MA 02142, US-USA
- (72) **Oppfinner:**  
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IYER, Karthik, c/o Cyclerion Thraapeutics, Inc.301 Binney  
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JUNG, Joon, 111 Wendell RoadNewton, MA 02459, US-  
USA  
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CURRIE, Mark G., 197 8th StreetBoston, MA 02129, US-  
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- (74) **Fullmektig:**  
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- (54) **Benevnelse:**  
SGC STIMULATORS

(51) **Klasse :** **C07K 14/00 (2006.01)**  
**A61K 38/16 (2006.01)**  
**C07K 14/435 (2006.01)**

(87) **EP Publ.nr:** EP3368545  
(86) **EP søkn.nr:** 16790321.0  
(86) **EP innl.dag:** 2016.10.28  
(87) **EP publ.dag:** 2018.09.05  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.10.30, EP, 15192364  
2016.02.24, EP, 16157154

(86) **Int.inndag :** 2016.10.28  
(86) **Int.søknadsnr :** PCT/EP2016/076040  
(73) **Innehaver:**  
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(72) **Oppfinner:**  
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(74) **Fullmektig:**  
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(54) **Benevnelse:**  
NEW POLYPEPTIDE HAVING AFFINITY TO PD-L1

(51) **Klasse :** **C07K 16/18 (2006.01)**  
**A61K 39/395 (2006.01)**

(87) **EP Publ.nr:** EP3181582  
(86) **EP søkn.nr:** 16199344.9  
(86) **EP innl.dag:** 2010.11.26  
(87) **EP publ.dag:** 2017.06.21  
(80) **EP meddelt :** 2020.01.29  
(30) **Prioritet:** 2009.11.26, EP, 09014745  
2009.11.26, US, 264696 P

(73) **Innehaver:**  
InflaRx GmbH, Winzerlaer Strasse 207745 Jena, DE-Tyskland

(72) **Oppfinner:**  
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48103, US-USA  
RIEDEMANN, Niels Christoph, Über den Teufelslöchern  
707749 Jena, DE-Tyskland  
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BEIFEN, Shen, c/o Beijing Mabworks Biotech Co.,  
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Beijing Beijing Beijing, CN-Kina

(74) **Fullmektig:**  
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(54) **Benevnelse:**  
ANTI-C5A BINDING MOIETIES WITH HIGH BLOCKING  
ACTIVITY

(51) **Klasse :** **C08G 73/10 (2006.01)**  
**C08L 79/08 (2006.01)**

(87) **EP Publ.nr:** EP3359586  
(86) **EP søkn.nr:** 16785566.7  
(86) **EP innl.dag:** 2016.10.07  
(87) **EP publ.dag:** 2018.08.15  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.10.08, US, 201562238747 P  
(86) **Int.inndag :** 2016.10.07  
(86) **Int.søknadsnr :** PCT/IB2016/056014  
(73) **Innehaver:**  
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(72) **Oppfinner:**  
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(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge

(54) **Benevnelse:**  
ORTHO-SUBSTITUTED TRIPTYCENE-BASED  
DIAMINES, MONOMERS, AND POLYMERS, METHODS  
OF MAKING AND USES THEREOF

(51) **Klasse :** **C08K 5/56 (2006.01)**  
**C08K 5/34 (2006.01)**  
**C08K 5/357 (2006.01)**

(87) **EP Publ.nr:** EP2542618  
(86) **EP søkn.nr:** 11751252.5  
(86) **EP innl.dag:** 2011.03.02  
(87) **EP publ.dag:** 2013.01.09  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2010.03.05, US, 310913 P  
(86) **Int.inndag :** 2011.03.02  
(86) **Int.søknadsnr :** PCT/US2011/026786  
(73) **Innehaver:**  
Huntsman Advanced Materials Americas LLC, 10003  
Woodloch Forest Drive The Woodlands, TX 77380, US-USA

(72) **Oppfinner:**  
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US-USA

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

(54) **Benevnelse:**  
LOW DIELECTRIC LOSS THERMOSET RESIN SYSTEM  
AT HIGH FREQUENCY FOR USE IN ELECTRICAL  
COMPONENTS

- (51) **Klasse :** *C09K 8/035 (2006.01)*  
*C09K 8/52 (2006.01)*  
*C10G 75/04 (2006.01)*  
*C10L 1/236 (2006.01)*  
*C10L 3/10 (2006.01)*  
*C10L 10/04 (2006.01)*
- (87) **EP Publ.nr:** EP3350283  
(86) **EP søkn.nr:** 16847020.1  
(86) **EP innl.dag:** 2016.08.12  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2015.09.18, US, 201562220374 P  
(86) **Int.inndag :** 2016.08.12  
(86) **Int.søknadsnr :** PCT/US2016/046667  
(73) **Innehaver:**  
Indorama Ventures Oxides LLC, 24 Waterway Avenue,  
Suite 1100The Woodlands, TX 77380, US-USA
- (72) **Oppfinner:**  
CLEMENTS, John, 8900 Research Park Dr. 1008The  
Woodlands, TX 77381, US-USA  
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Woodlands, TX 77389, US-USA  
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USA
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (54) **Benevnelse:**  
IMPROVED POLY(VINYL CAPROLACTAM) KINETIC GAS  
HYDRATE INHIBITOR AND METHOD FOR PREPARING  
THE SAME

- (51) **Klasse :** *C09K 8/14 (2006.01)*  
*C04B 14/10 (2006.01)*  
*C04B 28/02 (2006.01)*  
*C09K 8/40 (2006.01)*  
*C09K 8/487 (2006.01)*  
*C09K 8/504 (2006.01)*  
*C09K 8/516 (2006.01)*
- (87) **EP Publ.nr:** EP2480620  
(86) **EP søkn.nr:** 10760744.2  
(86) **EP innl.dag:** 2010.09.24  
(87) **EP publ.dag:** 2012.08.01  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2009.09.27, US, 567782  
(86) **Int.inndag :** 2010.09.24  
(86) **Int.søknadsnr :** PCT/GB2010/001806  
(73) **Innehaver:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston  
Parkway E.Houston, TX 77032, US-USA
- (72) **Oppfinner:**  
RODDY, Craig, Wayne, 2906 Timber Ridge  
DriveDuncanOklahoma 73533, US-USA  
COVINGTON, Ricky, L, 903 Harville  
RoadDuncanOklahoma 73533, US-USA  
CHATTERJI, Jiten, 2213 Scott LaneDuncanOklahoma  
73533, US-USA  
BRENNEIS, Darrell, Chad, Rt 2Box 195MarlowOklahoma  
73055, US-USA
- (74) **Fullmektig:**  
A.A. Thornton & Co., 10 Old Bailey, EC4M7NG LONDON,  
Storbritannia
- (54) **Benevnelse:**  
Method of cementing

- (51) **Klasse :** *C10G 25/00 (2006.01)*
- (87) **EP Publ.nr:** EP2225350  
(86) **EP søkn.nr:** 08850519.3  
(86) **EP innl.dag:** 2008.11.14  
(87) **EP publ.dag:** 2010.09.08  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2007.11.14, US, 3208  
(86) **Int.inndag :** 2008.11.14  
(86) **Int.søknadsnr :** PCT/US2008/012859  
(73) **Innehaver:**  
Saudi Arabian Oil Company, P.O. Box 5000Dhahran  
31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
KHAN, Rashid, M., P.O. Box 5337Saudi AramcoDhahran  
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- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (54) **Benevnelse:**  
MICROWAVE-PROMOTED DESULFURIZATION OF  
CRUDE OIL

- (51) **Klasse :** *C10L 3/10 (2006.01)*  
*B01D 53/14 (2006.01)*
- (87) **EP Publ.nr:** EP3413996  
(86) **EP søkn.nr:** 17702141.7  
(86) **EP innl.dag:** 2017.02.02  
(87) **EP publ.dag:** 2018.12.19  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2016.02.08, EP, 16154722  
2016.04.08, EP, 16164431  
(86) **Int.inndag :** 2017.02.02  
(86) **Int.søknadsnr :** PCT/EP2017/052304  
(73) **Innehaver:**  
BASF SE, Carl-Bosch-Str. 3867056 Ludwigshafen, DE-  
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- (72) **Oppfinner:**  
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VillageDiscovery BayHong Kong, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR SEPARATING C5-C8 HYDROCARBONS  
AND ACID GASES FROM A FLUID STREAM

- (51) **Klasse :** *C12M 1/00 (2006.01)*  
*A61K 35/28 (2015.01)*  
*A61M 1/02 (2006.01)*  
*C12M 1/28 (2006.01)*  
*C12M 3/00 (2006.01)*  
*C12N 5/0775 (2010.01)*  
*C12N 5/078 (2010.01)*
- (87) **EP Publ.nr:** EP2602310  
(86) **EP søkn.nr:** 11814665.3  
(86) **EP innl.dag:** 2011.08.03  
(87) **EP publ.dag:** 2013.06.12  
(80) **EP meddelt :** 2020.01.22  
(30) **Prioritet:** 2010.08.03, JP, 2010174902  
2010.08.03, JP, 2010174903  
2010.09.29, JP, 2010218275
- (86) **Int.inndag :** 2011.08.03  
(86) **Int.søknadsnr :** PCT/JP2011/067758  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
AUTOSERUM-CONTAINING BONE MARROW CELL CULTURE SYSTEM, AUTOSERUM-CONTAINING BONE MARROW CELL CULTURE METHOD, AND METHOD FOR PRODUCING MEDICINAL COMPOSITION COMPRISING AUTOSERUM-CONTAINING CULTURED BONE MARROW CELLS AS ACTIVE INGREDIENT

- (51) **Klasse :** *C12N 5/077 (2010.01)*  
*C12M 1/00 (2006.01)*  
*C12M 3/06 (2006.01)*
- (87) **EP Publ.nr:** EP3152299  
(86) **EP søkn.nr:** 15730933.7  
(86) **EP innl.dag:** 2015.06.08  
(87) **EP publ.dag:** 2017.04.12  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2014.06.09, US, 201462009553 P  
(86) **Int.inndag :** 2015.06.08  
(86) **Int.søknadsnr :** PCT/US2015/034709  
(73) **Innehaver:**  
Genzyme Corporation, 50 Binney StreetCambridge, MA 02142, US-USA
- (72) **Oppfinner:**  
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KONSTANTINOV, Konstantin, c/o Sanofi55 Corporate DriveBridgewater, New Jersey 08807, US-USA  
WRIGHT, Benjamin, c/o Sanofi55 Corporate DriveBridgewater, New Jersey 08807, US-USA  
ZHOU, Weichang, c/o Sanofi55 Corporate DriveBridgewater, New Jersey 08807, US-USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
SEED TRAIN PROCESSES AND USES THEREOF

- (51) **Klasse :** *C12N 15/10 (2006.01)*  
*A61K 31/7105 (2006.01)*  
*C12N 5/07 (2010.01)*  
*C12P 19/34 (2006.01)*
- (87) **EP Publ.nr:** EP3421601  
(86) **EP søkn.nr:** 18170777.9  
(86) **EP innl.dag:** 2012.12.31  
(87) **EP publ.dag:** 2019.01.02  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2011.12.30, US, 201161582050 P  
2011.12.30, US, 201161582080 P  
2012.05.25, US, 201261651738 P
- (73) **Innehaver:**  
CELLSCRIPT, LLC, 726 Post RoadMadison, WI 53713, US-USA
- (72) **Oppfinner:**  
Meis, Judith, 726 Post RoadMadison, WI 53713, US-USA  
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Jendrisak, Jerome, 726 Post RoadMadison, WI 53713, US-USA  
Dahl, Gary A., 726 Post RoadMadison, WI 53713, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
MAKING AND USING IN VITRO-SYNTHESIZED SSRNA FOR INTRODUCING INTO MAMMALIAN CELLS TO INDUCE A BIOLOGICAL OR BIOCHEMICAL EFFECT

- (51) **Klasse :** *C12N 15/113 (2010.01)*  
*A61K 31/713 (2006.01)*  
*A61P 27/02 (2006.01)*  
*A61P 35/00 (2006.01)*  
*C07H 21/02 (2006.01)*
- (87) **EP Publ.nr:** EP2978846  
(86) **EP søkn.nr:** 14715563.4  
(86) **EP innl.dag:** 2014.03.27  
(87) **EP publ.dag:** 2016.02.03  
(80) **EP meddelt :** 2019.12.25  
(30) **Prioritet:** 2013.03.27, EP, 13161474  
2013.06.20, EP, 13173078  
2013.12.30, EP, 13199826  
2013.12.30, EP, 13199831  
2013.12.30, EP, 13199838
- (86) **Int.inndag :** 2014.03.27  
(86) **Int.søknadsnr :** PCT/EP2014/056222  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
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UHLMANN, Eugen, Zum Talblick 31D-61479 Glashütten, DE-Tyskland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
MODIFIED TGF-BETA OLIGONUCLEOTIDE FOR USE IN A METHOD OF PREVENTING AND/OR TREATING AN OPHTHALMIC DISEASE



- (51) **Klasse :** C12Q 1/6869 (2018.01)  
C12Q 1/689 (2018.01)
- (87) **EP Publ.nr:** EP3087198
- (86) **EP søkn.nr:** 14820806.9
- (86) **EP innl.dag:** 2014.12.15
- (87) **EP publ.dag:** 2016.11.02
- (80) **EP meddelt :** 2020.01.22
- (30) **Prioritet:** 2013.12.24, EP, 13199610  
2014.01.13, EP, 14150903
- (86) **Int.inndag :** 2014.12.15
- (86) **Int.søknadsnr :** PCT/EP2014/077672
- (73) **Innehaver:**  
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Quality Partner S.A., Rue Hayeneux, 624040 Herstal, BE-Belgia
- (72) **Oppfinner:**  
DAUBE, Georges, Université De LiegeMicrobiologie des denrées alimentairesBoulevard de Colonster 20 (Bât. B43BIS)4000 Liege, BE-Belgia  
TAMINIAU, Bernard, Université De LiegeMicrobiologie des denrées alimentairesBoulevard de Colonster 20 (Bât. B43BIS)4000 Liege, BE-Belgia  
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- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
METAGENOMIC ANALYSIS OF SAMPLES

- (51) **Klasse :** C12Q 1/6881 (2018.01)  
C12Q 1/6883 (2018.01)  
C12Q 1/6886 (2018.01)
- (87) **EP Publ.nr:** EP3227458
- (86) **EP søkn.nr:** 15805467.6
- (86) **EP innl.dag:** 2015.12.04
- (87) **EP publ.dag:** 2017.10.11
- (80) **EP meddelt :** 2019.11.20
- (30) **Prioritet:** 2014.12.05, EP, 14196613
- (86) **Int.inndag :** 2015.12.04
- (86) **Int.søknadsnr :** PCT/EP2015/078725
- (73) **Innehaver:**  
Epiontis GmbH, Barbara-McClintock-Straße 612489 Berlin, DE-Tyskland
- (72) **Oppfinner:**  
OLEK, Sven, Boothstraße 1612207 Berlin, DE-Tyskland  
HOFFMÜLLER, Ulrich, Tietzenweg 8612203 Berlin, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
EPIGENETIC METHOD FOR THE IDENTIFICATION OF FOLLICULAR T-HELPER-(TFH-) CELLS

- (51) **Klasse :** C21D 9/56 (2006.01)  
C21D 11/00 (2006.01)
- (87) **EP Publ.nr:** EP3314028
- (86) **EP søkn.nr:** 16736970.1
- (86) **EP innl.dag:** 2016.06.23
- (87) **EP publ.dag:** 2018.05.02
- (80) **EP meddelt :** 2020.01.29
- (30) **Prioritet:** 2015.06.24, US, 201562183810 P
- (86) **Int.inndag :** 2016.06.23
- (86) **Int.søknadsnr :** PCT/US2016/038946
- (73) **Innehaver:**  
Novelis Inc., 3560 Lenox Road, Suite 2000Atlanta, GA 30326, US-USA
- (72) **Oppfinner:**  
CUSTERS, David Michael, 4087 Stone Point DriveInverary, Ontario K0H 1X0, CA-Canada  
BULL, Michael, 9216 Rosemary LaneBrighton, Michigan 48114, US-USA  
HOBBS, Andrew, 4386 Walnut Creek DriveKennesaw, Georgia 30152, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
FAST RESPONSE HEATERS AND ASSOCIATED CONTROL SYSTEMS USED IN COMBINATION WITH METAL TREATMENT FURNACES

- (51) **Klasse :** C40B 50/18 (2006.01)  
C08F 8/32 (2006.01)
- (87) **EP Publ.nr:** EP3212684
- (86) **EP søkn.nr:** 15791538.0
- (86) **EP innl.dag:** 2015.10.26
- (87) **EP publ.dag:** 2017.09.06
- (80) **EP meddelt :** 2019.12.11
- (30) **Prioritet:** 2014.10.31, US, 201462073764 P
- (86) **Int.inndag :** 2015.10.26
- (86) **Int.søknadsnr :** PCT/EP2015/074759
- (73) **Innehaver:**  
Illumina Cambridge Limited, 19 Granta ParkGreat AbingtonCambridge CB21 6DF, GB-Storbritannia
- (72) **Oppfinner:**  
BROWN, Andrew A., Chesterford Research ParkLittle ChesterfordNr. Saffron WaldenEssex CB10 1XL, GB-Storbritannia  
GEORGE, Wayne N., Chesterford Research ParkLittle ChesterfordNr. Saffron WaldenEssexEssex CB10 1XL, GB-Storbritannia  
RICHEZ, Alexandre, Chesterford Research ParkLittle ChesterfordNr. Saffron WaldenEssex CB10 1XL, GB-Storbritannia  
DINGWALL, Anne-Cecile, Chesterford Research ParkLittle ChesterfordNr. Saffron WaldenEssex CB10 1XL, GB-Storbritannia  
VON HATTEN, Xavier, Chesterford Research ParkLittle ChesterfordNr. Saffron WaldenEssex CB10 1XL, GB-Storbritannia
- (74) **Fullmektig:**  
Murgitroyd & Company, 165-169 Scotland Street, G58PL GLASGOW, Storbritannia
- (54) **Benevnelse:**  
POLYMERS AND DNA COPOLYMER COATINGS

(51) **Klasse :** *D06F 95/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3402921  
 (86) **EP søkn.nr:** 17701283.8  
 (86) **EP innl.dag:** 2017.01.13  
 (87) **EP publ.dag:** 2018.11.21  
 (80) **EP meddelt :** 2019.11.20  
 (30) **Prioritet:** 2016.01.13, DE, 102016100493  
 (86) **Int.inndag :** 2017.01.13  
 (86) **Int.søknadsnr :** PCT/EP2017/050690  
 (73) **Innehaver:**  
 Spies, Oliver, Kastanienallee 4410119 Berlin, DE-Tyskland  
 (72) **Oppfinner:**  
 Spies, Oliver, Kastanienallee 4410119 Berlin, DE-Tyskland  
 (74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge  
 (54) **Benevnelse:**  
 RETAINING MEANS FOR PLASTIC FIBERS

(51) **Klasse :** *E01C 7/35 (2006.01)*  
*C09K 11/02 (2006.01)*  
*C09K 11/77 (2006.01)*  
*E01C 17/00 (2006.01)*  
*E01F 9/518 (2016.01)*  
*E01F 9/524 (2016.01)*  
 (87) **EP Publ.nr:** EP3401440  
 (86) **EP søkn.nr:** 17461530.2  
 (86) **EP innl.dag:** 2017.05.08  
 (87) **EP publ.dag:** 2018.11.14  
 (80) **EP meddelt :** 2020.01.15  
 (73) **Innehaver:**  
 STRABAG Sp. z.o.o., ul. Parzniewska 1005-800 Pruszków, PL-Polen  
 (72) **Oppfinner:**  
 Ruttmar, Igor, ul. Jaszowiecka 7/2102-934 Warsaw, PL-Polen  
 Otkalio, Kamil Jan, ul. Andrzeja Szomanskiego 3202-495 Warsaw, PL-Polen  
 Kmita, Dominik Bernard, ul. Generala Stefana Grota Rowckiego 2c/363-900 Rawicz, PL-Polen  
 Przybylski, Maciej, ul. Ryszarda Wagnera 32/652-129 Wrocław, PL-Polen  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR PRODUCING A LUMINESCENT PAVEMENT, A LACQUERED LUMINESCENT AGGREGATE AND USE OF THIS AGGREGATE

(51) **Klasse :** *E04B 2/74 (2006.01)*  
*E04F 13/08 (2006.01)*  
*H04N 5/64 (2006.01)*  
 (87) **EP Publ.nr:** EP3409858  
 (86) **EP søkn.nr:** 18173338.7  
 (86) **EP innl.dag:** 2018.05.18  
 (87) **EP publ.dag:** 2018.12.05  
 (80) **EP meddelt :** 2020.02.05  
 (30) **Prioritet:** 2017.06.02, GB, 201708790  
 (73) **Innehaver:**  
 CCOMM Group Ltd, Media House 2 Sandridge Park Porters WoodSt Albans, Hertfordshire AL3 6PH, GB-Storbritannia  
 (72) **Oppfinner:**  
 ENTWISTLE; Michael, 2 Sandridge ParkPorters WoodSt Albans, Hertfordshire AL3 6PH, GB-Storbritannia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 A MEDIA WALL

(51) **Klasse :** *E04G 1/18 (2006.01)*  
*E04G 1/00 (2006.01)*  
*E04G 1/36 (2006.01)*  
*G06F 17/50 (2006.01)*  
 (87) **EP Publ.nr:** EP3430214  
 (86) **EP søkn.nr:** 17706790.7  
 (86) **EP innl.dag:** 2017.02.23  
 (87) **EP publ.dag:** 2019.01.23  
 (80) **EP meddelt :** 2019.12.18  
 (30) **Prioritet:** 2016.03.15, US, 201615070460  
 (86) **Int.inndag :** 2017.02.23  
 (86) **Int.søknadsnr :** PCT/EP2017/054170  
 (73) **Innehaver:**  
 PERI GMBH, Rudolf-Diesel-Strasse 1989264 Weissenhorn, DE-Tyskland  
 (72) **Oppfinner:**  
 GRASSA, Giovanni, 34 Sandway Cres MapleOntario, Ontario L6A 2M1, CA-Canada  
 LAWRENCE, Dave, 72 Summerfield CloseAirdrie, Alberta T4B 1Y2, CA-Canada  
 SKELTON, Rod, 1302 Murdoch StreetCrossfield, Alberta TOM 0S0, CA-Canada  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (54) **Benevnelse:**  
 METHOD FOR CONSTRUCTION OF AN INDUSTRIAL PLANT

(51) **Klasse :** *E05B 29/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3155191  
 (86) **EP søkn.nr:** 15728530.5  
 (86) **EP innl.dag:** 2015.06.12  
 (87) **EP publ.dag:** 2017.04.19  
 (80) **EP meddelt :** 2019.12.04  
 (30) **Prioritet:** 2014.06.13, DE, 102014108355  
 (86) **Int.inndag :** 2015.06.12  
 (86) **Int.søknadsnr :** PCT/EP2015/063126  
 (73) **Innehaver:**  
 ABUS August Bremicker Söhne KG, Altenhofer Weg 2558300 Wetter-Volmarstein, DE-Tyskland  
 (72) **Oppfinner:**  
 PANKRATIUS, Ernst, Osthausstrasse 3458300 Wetter, DE-Tyskland  
 MECKBACH, Gerhard, Sollingweg 258093 Hagen, DE-Tyskland  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
 (54) **Benevnelse:**  
 CYLINDER LOCK

(51) **Klasse :** *E05B 47/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3282074  
 (86) **EP søkn.nr:** 17178064.6  
 (86) **EP innl.dag:** 2017.06.27  
 (87) **EP publ.dag:** 2018.02.14  
 (80) **EP meddelt :** 2019.12.04  
 (30) **Prioritet:** 2016.08.09, DE, 102016114688  
 (73) **Innehaver:**  
 ASSA ABLOY Sicherheitstechnik GmbH, Bildstockstrasse  
 2072458 Albstadt, DE-Tyskland  
 (72) **Oppfinner:**  
 HIRSCHOFF, Oliver, Adalbert Stifter Strasse 1372461  
 Albstadt, DE-Tyskland  
 TOMA, Augustin, Strombergstr. 1872336 Ballingen, DE-  
 Tyskland  
 Schmid, Ralf, Rhönstraße 272458 Albstadt, DE-Tyskland  
 (74) **Fullmektig:**  
 TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
 OSLO, Norge  
 (54) **Benevnelse:**  
 DOOR OPENER

(51) **Klasse :** *E21B 4/00 (2006.01)*  
*F16C 19/38 (2006.01)*  
 (87) **EP Publ.nr:** EP3430227  
 (86) **EP søkn.nr:** 17732038.9  
 (86) **EP innl.dag:** 2017.06.01  
 (87) **EP publ.dag:** 2019.01.23  
 (80) **EP meddelt :** 2019.12.11  
 (30) **Prioritet:** 2016.06.06, US, 201615173929  
 (86) **Int.inndag :** 2017.06.01  
 (86) **Int.søknadsnr :** PCT/EP2017/063292  
 (73) **Innehaver:**  
 BAUER Equipment America, Inc., 100 North FM 3083  
 EastConroe, Texas 77303, US-USA  
 BAUER Maschinen GmbH, Bauer-Strasse 186529  
 Schrobenhausen, DE-Tyskland  
 (72) **Oppfinner:**  
 OTTO, Hans-Philipp, Oskar-von-Miller-Str. 6586551  
 Aichach, DE-Tyskland  
 SOIER, Sebastian, Weilstr. 1286529 Schrobenhausen, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (54) **Benevnelse:**  
 DRILL DRIVE FOR A DRILLING RIG

(51) **Klasse :** *E21B 10/32 (2006.01)*  
*E21B 44/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3055480  
 (86) **EP søkn.nr:** 14853080.1  
 (86) **EP innl.dag:** 2014.10.03  
 (87) **EP publ.dag:** 2016.08.17  
 (80) **EP meddelt :** 2020.01.01  
 (30) **Prioritet:** 2013.10.12, US, 201361890218 P  
 (86) **Int.inndag :** 2014.10.03  
 (86) **Int.søknadsnr :** PCT/US2014/059039  
 (73) **Innehaver:**  
 iReamer, LLC, 9900 Spectrum Dr., Austin TX 78717, US-  
 USA  
 (72) **Oppfinner:**  
 MAY, Mark, 8 Margaux WayThe Woodlands, Texas 77382,  
 US-USA  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge  
 (54) **Benevnelse:**  
 INTELLIGENT REAMER FOR ROTARY/SLIDABLE  
 DRILLING SYSTEM AND METHOD

(51) **Klasse :** *E21B 19/02 (2006.01)*  
*B66C 1/42 (2006.01)*  
*C23C 8/02 (2006.01)*  
*C23C 8/34 (2006.01)*  
*C23C 8/36 (2006.01)*  
*C23C 8/38 (2006.01)*  
*C23C 8/80 (2006.01)*  
*C23C 28/00 (2006.01)*  
*C23C 28/04 (2006.01)*  
*E21B 19/07 (2006.01)*  
*E21B 19/10 (2006.01)*  
 (87) **EP Publ.nr:** EP3004523  
 (86) **EP søkn.nr:** 14803885.4  
 (86) **EP innl.dag:** 2014.05.30  
 (87) **EP publ.dag:** 2016.04.13  
 (80) **EP meddelt :** 2020.01.01  
 (30) **Prioritet:** 2013.05.30, US, 201361829029 P  
 2013.06.17, US, 201361835976 P  
 2013.07.19, US, 201361856420 P  
 2014.05.30  
 (86) **Int.inndag :** 2014.05.30  
 (86) **Int.søknadsnr :** PCT/US2014/040303  
 (73) **Innehaver:**  
 Frank's International, LLC, 10260 Westheimer, Suite  
 700Houston, TX 77042, US-USA  
 (72) **Oppfinner:**  
 DOMEK, Brennan, S., C/o Frank's Casing Crew And Rental  
 Tool Inc.700 East Verot School RoadLafayette, LA 70508,  
 US-USA  
 ANGELLE, Jeremy, Richard, 107 Harvest DriveLafayette,  
 LA 70508, US-USA  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 COATING SYSTEM FOR TUBULAR GRIPPING  
 COMPONENTS

(51) **Klasse :** *E21B 19/24 (2006.01)*  
*E21B 19/10 (2006.01)*  
 (87) **EP Publ.nr:** EP2564015  
 (86) **EP søkn.nr:** 10850888.8  
 (86) **EP innl.dag:** 2010.04.30  
 (87) **EP publ.dag:** 2013.03.06  
 (80) **EP meddelt :** 2019.12.18  
 (86) **Int.inndag :** 2010.04.30  
 (86) **Int.søknadsnr :** PCT/US2010/033222  
 (73) **Innehaver:**  
 Frank's International, LLC, 10260 Westheimer, Suite  
 700Houston, TX 77042, US-USA  
 (72) **Oppfinner:**  
 ANGELLE, Jeremy, Richard, 119 Acres DriveYoungsville,  
 LA 70592, US-USA  
 MOSING, Donald, E., 131 Wembley DriveLafayetteLA  
 70503, US-USA  
 THIBODEAUX, Robert, 108 Rue BonaparteLafayetteLA  
 70508, US-USA  
 LAFLEUR, Blaine, Stephen, 202 Dale Richard  
 RoadSunsetLA 70584, US-USA  
 STELLY, John, Erick, 1032 Blanc Comier RoadBreux  
 BridgeLA 70517, US-USA  
 (74) **Fullmektig:**  
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
 (54) **Benevnelse:**  
 TUBULAR GUIDING AND GRIPPING APPARATUS AND  
 METHOD

(51) **Klasse :** *E21B 21/08 (2006.01)*  
*E21B 44/00 (2006.01)*  
*E21B 49/00 (2006.01)*

(87) **EP Publ.nr:** EP2368009  
(86) **EP søkn.nr:** 09831057.6  
(86) **EP innl.dag:** 2009.12.02  
(87) **EP publ.dag:** 2011.09.28  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2008.12.03, US, 326925  
(86) **Int.inndag :** 2009.12.02  
(86) **Int.søknadsnr :** PCT/US2009/066422  
(73) **Innehaver:**  
Schlumberger Holdings Limited, Craigmuir Chambers Road  
Town, Tortola, VG-De britiske jomfruøyene

(72) **Oppfinner:**  
SEHSAH, Ossama, Ramzi, 21334 Walden Grove  
Lane Katy TX 77450, US-USA

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

(54) **Benevnelse:**  
METHOD FOR DETERMINING FORMATION INTEGRITY  
AND OPTIMUM DRILLING PARAMETERS DURING  
DRILLING

(51) **Klasse :** *E21B 21/10 (2006.01)*  
*E21B 34/00 (2006.01)*  
*E21B 34/10 (2006.01)*  
*E21B 34/14 (2006.01)*  
*F16K 11/056 (2006.01)*  
*F16K 11/087 (2006.01)*

(87) **EP Publ.nr:** EP3271544  
(86) **EP søkn.nr:** 16713008.7  
(86) **EP innl.dag:** 2016.03.16  
(87) **EP publ.dag:** 2018.01.24  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.03.17, GB, 201504426  
(86) **Int.inndag :** 2016.03.16  
(86) **Int.søknadsnr :** PCT/GB2016/050713  
(73) **Innehaver:**  
Helix Drilling Tools Limited, St Brandon s House 29 Great  
George Street Bristol BS1 5QT, GB-Storbritannia

(72) **Oppfinner:**  
DATE, James Charles, 29 Hengaston  
Street Bedminster Bristol BS3 3HT, GB-Storbritannia  
ABBOTT, Malcolm Adrian, 41 Enstone  
Road Lowestoft Suffolk NR33 0NE, GB-Storbritannia

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge

(54) **Benevnelse:**  
A DOWNHOLE TOOL

(51) **Klasse :** *E21B 29/00 (2006.01)*  
*E21B 23/00 (2006.01)*

(87) **EP Publ.nr:** EP2665884  
(86) **EP søkn.nr:** 12736705.0  
(86) **EP innl.dag:** 2012.01.19  
(87) **EP publ.dag:** 2013.11.27  
(80) **EP meddelt :** 2019.11.13  
(30) **Prioritet:** 2011.01.21, US, 201113011492  
(86) **Int.inndag :** 2012.01.19  
(86) **Int.søknadsnr :** PCT/US2012/021871  
(73) **Innehaver:**  
Smith International, Inc., 1310 Rankin Road Houston, TX  
77073, US-USA

(72) **Oppfinner:**  
GIBSON, Kenneth, Bonnyrigg Flat Middleton of  
Findon Portlethen Aberdeenshire AB124SJ, GB-  
Storbritannia  
HEKELAAR, Stephen, 147 Greatwestern Road Aberdeen  
Aberdeenshire AB106PT, GB-Storbritannia

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

(54) **Benevnelse:**  
MULTI-CYCLE PIPE CUTTER AND RELATED METHODS

(51) **Klasse :** *E21B 33/06 (2006.01)*

(87) **EP Publ.nr:** EP2610428  
(86) **EP søkn.nr:** 12197649.2  
(86) **EP innl.dag:** 2012.12.18  
(87) **EP publ.dag:** 2013.07.03  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2011.12.28, US, 201113338862  
(73) **Innehaver:**  
Hydriil USA Manufacturing LLC, 3300 North Sam Houston  
Parkway East Houston, TX 77032, US-USA

(72) **Oppfinner:**  
Shah, Viral, 12106 Laguna Pointe Lane Houston, TX 77401,  
US-USA  
Carbaugh, William L., 5938 Bent Tree Court Humble, TX  
77346, US-USA  
Childers, Leonard G., 2206 Silver Falls Kingwood, TX  
77339, US-USA

(74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÄLLINGBY,  
Sverige

(54) **Benevnelse:**  
Shear blade and method of attachment to shear rams

(51) **Klasse :** *E21B 34/02 (2006.01)*

(87) **EP Publ.nr:** EP2776659  
(86) **EP søkn.nr:** 12778584.8  
(86) **EP innl.dag:** 2012.10.10  
(87) **EP publ.dag:** 2014.09.17  
(80) **EP meddelt :** 2019.11.20  
(86) **Int.inndag :** 2012.10.10  
(86) **Int.søknadsnr :** PCT/US2012/059616  
(73) **Innehaver:**  
Cameron Technologies Limited, Parkstraat 832514 JG The  
Hague, NL-Nederland

(72) **Oppfinner:**  
GUIDRY, Kirk Paul, 4646 W. Sam Houston Pkwy  
N. Houston, TX 77041, US-USA  
RADWANSKI, Stefan Marek, 4646 W. Sam Houston Pkwy  
N. Houston, TX 77041, US-USA

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

(54) **Benevnelse:**  
HORIZONTAL FRACTURING TREE

(51) **Klasse :** *E21B 36/00 (2006.01)*  
*E21B 43/01 (2006.01)*  
*F17D 1/08 (2006.01)*  
*F17D 1/16 (2006.01)*  
*F17D 3/00 (2006.01)*

(87) **EP Publ.nr:** EP2315909  
(86) **EP søkn.nr:** 09790390.0  
(86) **EP innl.dag:** 2009.07.14  
(87) **EP publ.dag:** 2011.05.04  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2008.07.17, US, 81525 P  
2009.07.14, US, 502256

(86) **Int.inndag :** 2009.07.14  
(86) **Int.søknadsnr :** PCT/US2009/050519  
(73) **Innehaver:**  
Vetco Gray Scandinavia AS, Eyvind Lyches Vei 101338  
SandvikaNorge

(72) **Oppfinner:**  
FRIEDEMANN, John, Daniel, Lupinveien 24N-1346  
GjettumNorge

(74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÅLLINGBY,  
Sverige

(54) **Benevnelse:**  
SYSTEM AND METHOD FOR SUB-COOLING  
HYDROCARBON PRODUCTION FLUID FOR  
TRANSPORT

(51) **Klasse :** *E21B 41/00 (2006.01)*  
*E21B 17/00 (2006.01)*  
*E21B 17/02 (2006.01)*  
*E21B 47/12 (2012.01)*

(87) **EP Publ.nr:** EP2380180  
(86) **EP søkn.nr:** 09837044.8  
(86) **EP innl.dag:** 2009.12.23  
(87) **EP publ.dag:** 2011.10.26  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2009.01.02, US, 204100 P  
2009.02.02, US, 206550 P

(86) **Int.inndag :** 2009.12.23  
(86) **Int.søknadsnr :** PCT/US2009/069434  
(73) **Innehaver:**  
JDI International Leasing Limited, PO Box 309, Ugland  
HouseGeorge Town, Grand Cayman KY1-1104, KY-  
Cayman-øyene

(72) **Oppfinner:**  
PRAMMER, Manfred, G., 291 Hadfield RoadDowningtown,  
PA 19335, US-USA

(74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÅLLINGBY,  
Sverige

(54) **Benevnelse:**  
RELIABLE WIRED-PIPE DATA TRANSMISSION SYSTEM

(51) **Klasse :** *E21B 43/00 (2006.01)*

(87) **EP Publ.nr:** EP2616979  
(86) **EP søkn.nr:** 11834993.5  
(86) **EP innl.dag:** 2011.10.18  
(87) **EP publ.dag:** 2013.07.24  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2010.10.18, US, 394089 P  
2011.10.17, US, 201113275118

(86) **Int.inndag :** 2011.10.18  
(86) **Int.søknadsnr :** PCT/US2011/056719  
(73) **Innehaver:**  
Schlumberger Technology B.V., Parkstraat 83-892514 JG  
The Hague, NL-Nederland

(72) **Oppfinner:**  
DURRANO, Javaid, 5445 Preston Oaks RoadApartment  
817Dallas, Texas 75254, US-USA  
ERKAL, Alpay, 14314 Belle River LaneHouston, Texas  
77077, US-USA  
GAMERO-DIAZ, Helena, Schlumberger3011 Internet Blvd,  
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LIU, Xicai, 24938 Morning Raven LaneKaty, Texas 77494,  
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WALTON, Ian, 12209 Alexandria DriveFrisco, Texas  
75035, US-USA  
XU, Wenyue, 615 Johnson LaneSugar Land, Texas 77479,  
US-USA  
ZHAO, Ruhao, Schlumberger Dhahran Carbonate  
Research CenterDhahran Techno Valley - KFUPMP.O. Box  
39011,Dammam-Doha Camp 31942, SA-Saudi Arabia

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

(54) **Benevnelse:**  
PRODUCTION ESTIMATION IN SUBTERRANEAN  
FORMATIONS

- (51) **Klasse :** *E21B 43/12 (2006.01)*  
*E21B 43/38 (2006.01)*  
*E21B 43/40 (2006.01)*
- (87) **EP Publ.nr:** EP3325762  
(86) **EP søkn.nr:** 16734526.3  
(86) **EP innl.dag:** 2016.06.20  
(87) **EP publ.dag:** 2018.05.30  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.07.23, US, 201562195814 P  
2015.12.21, US, 201514975915
- (86) **Int.inndag :** 2016.06.20  
(86) **Int.søknadsnr :** PCT/US2016/038284  
(73) **Innehaver:**  
NextStream Emulsifier Enhancer, LLC, 300 Northeast 9th StreetOklahoma City, OK 73104, US-USA
- (72) **Oppfinner:**  
JOSHI, Mahendra, L., General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA  
QI, Xuele, General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA  
MURPHY, Raymond, Patrick, General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA  
BRAZIL, Stewart, Blake, General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA  
JIANG, Haifeng, General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA  
PARKEY, Dewey, Lavonne, Jr., General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA  
ACACIO, Victor, Jose, General Electric Company Global ResearchOne Research CircleBldg. K1-3A59Niskayuna, NY 12309, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (54) **Benevnelse:**  
A CLOSED LOOP HYDROCARBON EXTRACTION SYSTEM AND A METHOD FOR OPERATING THE SAME

- (51) **Klasse :** *E21B 49/00 (2006.01)*
- (87) **EP Publ.nr:** EP3209862  
(86) **EP søkn.nr:** 15817602.4  
(86) **EP innl.dag:** 2015.10.19  
(87) **EP publ.dag:** 2017.08.30  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2014.10.20, US, 201462066073 P  
(86) **Int.inndag :** 2015.10.19  
(86) **Int.søknadsnr :** PCT/RU2015/000685  
(73) **Innehaver:**  
Baker Hughes, a GE company, LLC, 17021 Aldine WestfieldHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
VASILEVSKIY, Alexandr Nikolaevich, ul. Kutateladze 4ANovosibirsk 630090, RU-Rusland  
EDWARDS, Carl, 23303 Millcross LaneKaty, Texas 77494, US-USA  
DAOUD, Mohamed, 94 Acacia Park CircleKaty, Texas 77382, US-USA  
CSUTAK, Sebastian, 2001 Rankin RoadHouston, Texas 77073, US-USA
- (74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÅLLINGBY, Sverige
- (54) **Benevnelse:**  
ESTIMATE OF COMPACTION WITH BOREHOLE GRAVITY MEASUREMENTS

- (51) **Klasse :** *E21B 49/10 (2006.01)*  
*E21B 33/124 (2006.01)*
- (87) **EP Publ.nr:** EP2278123  
(86) **EP søkn.nr:** 10005930.2  
(86) **EP innl.dag:** 2010.06.09  
(87) **EP publ.dag:** 2011.01.26  
(80) **EP meddelt :** 2019.11.13  
(30) **Prioritet:** 2009.06.18, US, 486804  
(73) **Innehaver:**  
Schlumberger Technology B.V., Parkstraat 83-892514 JG The Hague, NL-Nederland
- (72) **Oppfinner:**  
Pop, Julian, J., 9550 Ella Lee Lane No. 2101Houston, Texas 77063, US-USA  
Corre, Pierre-Yves, 1 Impasse Henry Dunant76260 Eu, FR-Frankrike
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301 SANDNES, Norge
- (54) **Benevnelse:**  
Focused sampling of formation fluids

- (51) **Klasse :** *F01D 11/04 (2006.01)*  
*F04D 29/16 (2006.01)*  
*F04D 29/58 (2006.01)*
- (87) **EP Publ.nr:** EP3058182  
(86) **EP søkn.nr:** 14784043.3  
(86) **EP innl.dag:** 2014.10.10  
(87) **EP publ.dag:** 2016.08.24  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2013.10.14, IT, FI20130237  
(86) **Int.inndag :** 2014.10.10  
(86) **Int.søknadsnr :** PCT/EP2014/071795  
(73) **Innehaver:**  
Nuovo Pignone S.r.l., Via Felice Matteucci 250127 Florence, IT-Italia
- (72) **Oppfinner:**  
MEI, Luciano, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
BORGHETTI, Massimiliano, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
PINZAUTI, Massimo, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
BIGI, Manuele, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
INNOCENTI, Luca, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
CECCHERINI, Alberto, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
FORMICHINI, Marco, Via Felice Matteucci 2I-50127 Florence, IT-Italia  
MAVURI, Rajesh, GA-SFW-353 John F Welch Technology CentreWhitefield roadHoodi VillageBangaloreKarnataka 560066, IN-India
- (74) **Fullmektig:**  
Nuovo Pignone S.r.l., Via Felice Matteucci 2, 50127 FLORENCE, Italia
- (54) **Benevnelse:**  
SEALING CLEARANCE CONTROL IN TURBOMACHINES

- (51) **Klasse :** *F04D 27/00 (2006.01)*  
*F04D 27/02 (2006.01)*  
*G05B 17/02 (2006.01)*
- (87) **EP Publ.nr:** EP3359820  
(86) **EP søkn.nr:** 15787145.0  
(86) **EP innl.dag:** 2015.10.07  
(87) **EP publ.dag:** 2018.08.15  
(80) **EP meddelt :** 2019.12.04  
(86) **Int.inndag :** 2015.10.07  
(86) **Int.søknadsnr :** PCT/EP2015/073127  
(73) **Innehaver:**  
ABB Schweiz AG, Brown Boveri Strasse 65400 Baden,  
CH-Sveits
- (72) **Oppfinner:**  
CORTINOVIS, Andrea, Webereistrasse 6CH-8953  
Dietikon, CH-Sveits  
LEWANDOWSKI, Daniel, ul. Raciborska 15B/24PL-30-384  
Krakow, PL-Polen  
MERCANGOEZ, Mehmet, Obere Ruetistrasse 23CH-4332  
Stein, CH-Sveits  
LIPNICKI, Piotr, ul. Wroclawska 8A/5PL-30-006 Krakow,  
PL-Polen
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
HIGH AVAILABILITY COMPRESSOR FOR A GAS  
COMPRESSION SYSTEM

- (51) **Klasse :** *F16C 17/02 (2006.01)*  
*B63H 25/52 (2006.01)*  
*F16C 17/24 (2006.01)*  
*G01N 3/56 (2006.01)*
- (87) **EP Publ.nr:** EP3126687  
(86) **EP søkn.nr:** 15712904.0  
(86) **EP innl.dag:** 2015.03.27  
(87) **EP publ.dag:** 2017.02.08  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2014.04.01, DE, 102014104608  
2014.07.23, DE, 102014110383
- (86) **Int.inndag :** 2015.03.27  
(86) **Int.søknadsnr :** PCT/EP2015/056738  
(73) **Innehaver:**  
Becker Marine Systems GmbH, Blohmstrasse 2321079  
Hamburg, DE-Tyskland
- (72) **Oppfinner:**  
KUHLMANN, Henning, Rackertwiete 722559 Hamburg,  
DE-Tyskland  
SELIGER, Leif, Gaußstrasse 4224143 Kiel, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
BEARING FOR SUPPORTING A SHAFT, IN PARTICULAR  
A RUDDER SHAFT, OR A RUDDER BLADE,  
ELECTRONIC BEARING CLEARANCE MEASURING  
DEVICE, RUDDER COMPRISING A BEARING FOR  
SUPPORTING A SHAFT OR A RUDDER BLADE, AND  
METHOD FOR MEASURING WEAR OF A BEARING FOR  
SUPPORTING A SHAFT OR A RUDDER BLADE

- (51) **Klasse :** *F16L 59/06 (2006.01)*  
*B32B 3/26 (2006.01)*  
*B32B 3/30 (2006.01)*  
*B32B 5/02 (2006.01)*  
*B32B 7/02 (2019.01)*  
*B32B 15/08 (2006.01)*  
*B32B 15/09 (2006.01)*  
*B32B 27/12 (2006.01)*  
*B32B 37/20 (2006.01)*  
*F16L 59/02 (2006.01)*  
*F16L 59/065 (2006.01)*  
*F16L 59/08 (2006.01)*
- (87) **EP Publ.nr:** EP2944858  
(86) **EP søkn.nr:** 14737950.7  
(86) **EP innl.dag:** 2014.01.08  
(87) **EP publ.dag:** 2015.11.18  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2013.01.11, JP, 2013003948  
(86) **Int.inndag :** 2014.01.08  
(86) **Int.søknadsnr :** PCT/JP2014/000046  
(73) **Innehaver:**  
Kaneka Corporation, 2-3-18, Nakanoshima Kita-kuOsaka-  
shi, Osaka 530-8288, JP-Japan  
Tochigi Kaneka Corporation, 14, Kinugaoka Mohka-  
shiTochigi 321-367, JP-Japan
- (72) **Oppfinner:**  
KUMAN, Tsuyoshi, 14 KinugaokaMohka-shiTochigi 321-  
4367, JP-Japan  
IMAI, Shuzou, 14 KinugaokaMohka-shiTochigi 321-4367,  
JP-Japan  
KUMASAKI, Atsushi, 14 KinugaokaMohka-shiTochigi 321-  
4367, JP-Japan  
IWAI, Masaharu, 14 KinugaokaMohka-shiTochigi 321-  
4367, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge
- (54) **Benevnelse:**  
HEAT INSULATING SHEET, HEAT INSULATING  
MATERIAL, HEAT INSULATING SHEET  
MANUFACTURING METHOD, AND HEAT INSULATING  
MATERIAL MANUFACTURING METHOD

- (51) **Klasse :** *F24C 15/02 (2006.01)*  
*A21B 3/02 (2006.01)*  
*F24C 15/16 (2006.01)*  
*A21B 1/44 (2006.01)*
- (87) **EP Publ.nr:** EP3051953  
(86) **EP søkn.nr:** 14780488.4  
(86) **EP innl.dag:** 2014.10.02  
(87) **EP publ.dag:** 2016.08.10  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2013.10.02, SE, 1351157  
2014.03.07, SE, 1450267
- (86) **Int.inndag :** 2014.10.02  
(86) **Int.søknadsnr :** PCT/EP2014/071163  
(73) **Innehaver:**  
Revent International AB, P.O. Box 714194 27 Stockholm,  
SE-Sverige
- (72) **Oppfinner:**  
ELIASSON, Märten, Junigränd 6S-187 51 Täby, SE-  
Sverige  
NORDIN, Jerry, Mandolinvägen 18S-175 56 Järfälla, SE-  
Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HOT AIR RACK OVEN

- (51) **Klasse :** *F24S 23/00 (2018.01)*  
*F24S 23/30 (2018.01)*  
*F24S 30/452 (2018.01)*  
*F24S 60/00 (2018.01)*  
*F24S 80/60 (2018.01)*  
*F24S 80/65 (2018.01)*
- (87) **EP Publ.nr:** EP3234476  
(86) **EP søkn.nr:** 14833266.1  
(86) **EP innl.dag:** 2014.12.19  
(87) **EP publ.dag:** 2017.10.25  
(80) **EP meddelt :** 2019.11.20  
(86) **Int.inndag :** 2014.12.19  
(86) **Int.søknadsnr :** PCT/IB2014/067159
- (73) **Innehaver:**  
Schilder, Johannes Jacobus Maria, Bonifatius Guytstraat  
201132 CT Volendam, NL-Nederland
- (72) **Oppfinner:**  
Schilder, Johannes Jacobus Maria, Bonifatius Guytstraat  
201132 CT Volendam, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SOLAR COLLECTOR

- (51) **Klasse :** *F25B 1/10 (2006.01)*  
*F25B 6/00 (2006.01)*  
*F25B 29/00 (2006.01)*  
*F25B 40/04 (2006.01)*  
*F25B 41/04 (2006.01)*  
*F25B 49/02 (2006.01)*  
*F25B 9/00 (2006.01)*
- (87) **EP Publ.nr:** EP3002529  
(86) **EP søkn.nr:** 15187860.0  
(86) **EP innl.dag:** 2015.10.01  
(87) **EP publ.dag:** 2016.04.06  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2014.10.01, IT, BO20140537
- (73) **Innehaver:**  
Rivacold S.R.L., Via Sicilia 7 Fraz. Montecchio61022  
Vallefoglia (PU), IT-Italia
- (72) **Oppfinner:**  
VITRI, Giuseppe, Via Carducci, 7I-61020 MONTECALVO  
IN FOGLIA (PU), IT-Italia
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 171, 4301  
SANDNES, Norge
- (54) **Benevnelse:**  
REFRIGERATION PLANT FOR REFRIGERATION AND  
AIR CONDITIONING

- (51) **Klasse :** *F42D 1/08 (2006.01)*  
*C06B 21/00 (2006.01)*  
*C06B 23/00 (2006.01)*
- (87) **EP Publ.nr:** EP3011260  
(86) **EP søkn.nr:** 14814649.1  
(86) **EP innl.dag:** 2014.06.20  
(87) **EP publ.dag:** 2016.04.27  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2013.06.20, SG, 2013048368  
(86) **Int.inndag :** 2014.06.20  
(86) **Int.søknadsnr :** PCT/AU2014/050086
- (73) **Innehaver:**  
Orica International Pte Ltd, 78 Shenton Way 06-15 Tower  
2Singapore 079120, SG-Singapore
- (72) **Oppfinner:**  
ZANK, Johann, 14 Pandorea WayValentine, New South  
Wales 2280, AU-Australia  
RAYSON, Mark Stuart, 374 Tuggerawong  
RoadTuggerawong, New South Wales 2259, AU-Australia  
SUJANSKY, Vladimir, 11 Pippin AvenueEast Burwood,  
Victoria 3151, AU-Australia  
WALTER, James, 346 Marmion StreetCottesloe, Western  
Australia 6011, AU-Australia  
KIRBY, Ian John, 91 Monument RoadAyr KA7 2UF, GB-  
Storbritannia  
COOPER, John, 11 Lamford DriveAyr KA7 4DE, GB-  
Storbritannia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
EXPLOSIVE COMPOSITION MANUFACTURING AND  
DELIVERY PLATFORM, AND BLASTING METHOD

- (51) **Klasse :** *G01B 3/40 (2006.01)*  
*E21B 19/16 (2006.01)*  
*G01B 3/48 (2006.01)*  
*G01B 5/00 (2006.01)*
- (87) **EP Publ.nr:** EP2643656  
(86) **EP søkn.nr:** 11799148.9  
(86) **EP innl.dag:** 2011.11.15  
(87) **EP publ.dag:** 2013.10.02  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2010.11.26, FR, 1004615  
(86) **Int.inndag :** 2011.11.15  
(86) **Int.søknadsnr :** PCT/EP2011/005745
- (73) **Innehaver:**  
VALLOUREC OIL AND GAS FRANCE, 54 rue Anatole  
France59620 Aulnoye-Aymeries, FR-Frankrike  
NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-  
chome, Chiyoda-ku, Tokyo, JP-Japan
- (72) **Oppfinner:**  
DURIVAULT, Jérôme, 64bis boulevard GaribaldiF-75015  
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CROSS, Nigel, 23 Hemsby RoadChessingtonSurrey KT9  
2DY, GB-Storbritannia  
PEUCHOT, Florian, 30 rue d'IvryF-31500 Toulouse, FR-  
Frankrike  
APPLINCOURT, Anthony, 7 rue Saint WaastF-59570  
Betrechies, FR-Frankrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND DEVICE FOR INSPECTING A  
THREADING OF A TUBULAR CONNECTION USED IN  
THE OIL INDUSTRY



- (51) **Klasse :** *G01C 15/00 (2006.01)*  
*G01S 7/08 (2006.01)*  
*G01S 7/481 (2006.01)*  
*G01S 17/02 (2006.01)*  
*G01S 17/08 (2006.01)*  
*G01S 17/89 (2006.01)*  
*G03B 37/04 (2006.01)*  
*H04N 5/225 (2006.01)*  
*H04N 5/232 (2006.01)*
- (87) **EP Publ.nr:** EP2764405  
(86) **EP søkn.nr:** 12778984.0  
(86) **EP innl.dag:** 2012.10.05  
(87) **EP publ.dag:** 2014.08.13  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2011.10.05, GB, 201117143  
(86) **Int.inndag :** 2012.10.05  
(86) **Int.søknadsnr :** PCT/EP2012/069800  
(73) **Innehaver:**  
Nctech Ltd, Quartermile One 6th Floor 15 Lauriston  
PlaceEdinburgh EH3 9EP, GB-Storbritannia
- (72) **Oppfinner:**  
TOCHER, Neil, NCTech Ltd26 Braid RoadEdinburgh EH10  
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URE, Cameron, NCTech Ltd26 Braid RoadEdinburgh EH10  
6AD, GB-Storbritannia  
AHMADIAN, Mansour, c/o NCTech LtdQuartermile One,  
Level 615 Lauriston PlaceEdinburgh EH3 9EN, GB-  
Storbritannia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
CAMERA

- (51) **Klasse :** *G01D 5/24 (2006.01)*
- (87) **EP Publ.nr:** EP2274629  
(86) **EP søkn.nr:** 09724366.1  
(86) **EP innl.dag:** 2009.03.24  
(87) **EP publ.dag:** 2011.01.19  
(80) **EP meddelt :** 2019.12.25  
(30) **Prioritet:** 2008.03.26, FI, 20080235  
(86) **Int.inndag :** 2009.03.24  
(86) **Int.søknadsnr :** PCT/FI2009/050220  
(73) **Innehaver:**  
MariCare Oy, Pohjantähdentie 1701450 Vantaa, FI-Finland
- (72) **Oppfinner:**  
RIMMINEN, Henry, Perustie 18 B 41FI-00330 Helsinki, FI-  
Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
MEASURING APPARATUS COMPRISING ADAPTOR  
COMPONENT

- (51) **Klasse :** *G01L 7/16 (2006.01)*  
*G01L 9/00 (2006.01)*  
*G01L 9/14 (2006.01)*  
*G01L 13/06 (2006.01)*
- (87) **EP Publ.nr:** EP2466285  
(86) **EP søkn.nr:** 11193210.9  
(86) **EP innl.dag:** 2011.12.13  
(87) **EP publ.dag:** 2012.06.20  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2010.12.20, US, 972689  
(73) **Innehaver:**  
Sondex Limited, Saxony WayBlackbushe Business  
ParkYateleyHampshire GU46 6AB, GB-Storbritannia
- (72) **Oppfinner:**  
Wootten, Keith Robert, 7 Eldon RoadReading, Berkshire  
RG1 4DN, GB-Storbritannia
- (74) **Fullmektig:**  
O3C Konsult AB, Pajalagatan 56, 16265 VÄLLINGBY,  
Sverige
- (54) **Benevnelse:**  
Sensitive differential pressure sensor and method

- (51) **Klasse :** *G01N 3/08 (2006.01)*  
*G01N 19/04 (2006.01)*
- (87) **EP Publ.nr:** EP3121582  
(86) **EP søkn.nr:** 16001609.3  
(86) **EP innl.dag:** 2016.07.21  
(87) **EP publ.dag:** 2017.01.25  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2015.05.21, AT, 504142015  
(73) **Innehaver:**  
Putz, Stefan, Ramsau 304822 Bad Goisern, AT-Østerrike
- (72) **Oppfinner:**  
Putz, Stefan, Ramsau 304822 Bad Goisern, AT-Østerrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND DEVICE FOR TRANSVERSE TESTING OF  
BUILDING MATERIALS

- (51) **Klasse :** *G01N 15/14 (2006.01)*  
*G01N 1/40 (2006.01)*  
*G01N 15/00 (2006.01)*  
*G01N 15/06 (2006.01)*
- (87) **EP Publ.nr:** EP3389813  
(86) **EP søkn.nr:** 16876228.4  
(86) **EP innl.dag:** 2016.10.21  
(87) **EP publ.dag:** 2018.10.24  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2015.12.18, US, 201562269465 P  
(86) **Int.inndag :** 2016.10.21  
(86) **Int.søknadsnr :** PCT/US2016/058011  
(73) **Innehaver:**  
Intelligent Virus Imaging Inc., 26 Pinecrest Plaza, Suite  
2Southern Pines, NC 28387-4301, US-USA
- (72) **Oppfinner:**  
NORDSTROM, Rickard, Banslättsvägen 7ASE 14637  
Tullinge, SE-Sverige  
SINTORN, Ida-Maria, Poppelvägen 11BSE 191 41  
Sollentuna, SE-Sverige  
HAAG, Lars, Furuborgsvägen 3ASE 133 32 Nykvarn, SE-  
Sverige
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
HIGH PRECISION QUANTIFICATION OF SUB-VISIBLE  
PARTICLES

- (51) **Klasse :** **G01N 17/04 (2006.01)**  
**G01N 3/32 (2006.01)**
- (87) **EP Publ.nr:** EP2679978  
(86) **EP søkn.nr:** 12173648.2  
(86) **EP innl.dag:** 2012.06.26  
(87) **EP publ.dag:** 2014.01.01  
(80) **EP meddelt :** 2020.01.08  
(73) **Innehaver:**  
GE Oil & Gas UK Limited, 2, High Street Nailsea  
Bristol BS48 1BS, GB-Storbritannia
- (72) **Oppfinner:**  
Pires, Fabio de Souza, c/o Wellstream International  
Limited Wellstream House Wincomblee Road Walker  
Riverside Newcastle-upon-Tyne, Tyne and Wear NE6 3PF,  
GB-Storbritannia  
Santos, Fabio Pinheiro dos, c/o Wellstream International  
Limited Wellstream House Wincomblee Road Walker  
Riverside Newcastle-upon-Tyne, Tyne and Wear NE6 3PF,  
GB-Storbritannia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Sample testing apparatus and method

- (51) **Klasse :** **G01N 29/22 (2006.01)**  
**B25J 5/00 (2006.01)**  
**G01N 29/265 (2006.01)**  
**G05D 1/02 (2006.01)**
- (87) **EP Publ.nr:** EP3259586  
(86) **EP søkn.nr:** 16715862.5  
(86) **EP innl.dag:** 2016.02.03  
(87) **EP publ.dag:** 2017.12.27  
(80) **EP meddelt :** 2020.01.01  
(30) **Prioritet:** 2015.02.18, US, 201514624726  
(86) **Int.inndag :** 2016.02.03  
(86) **Int.søknadsnr :** PCT/IB2016/000189  
(73) **Innehaver:**  
Saudi Arabian Oil Company, 1 Eastern Avenue Dhahran  
31311, SA-Saudi Arabia  
Hibot Corporation, Watanebe Corporation Building 4F 5-9-  
15 Kitashinagawa Shinagawa-ku Tokyo 141-0001, JP-  
Japan
- (72) **Oppfinner:**  
GONZALEZ, Pablo Eduardo Carrasco Zanini, 1-355 Lab,  
Innovation Cluster 3, Bldg. 23, Kaust Research  
Park, Thuwal, 23955-6900, SA-Saudi Arabia  
ABDELLATIF, Fadl, 1-355 Lab, Innovation Cluster 3, Bldg.  
23, Kaust Research Park, Thuwal, 23955-6900, SA-Saudi  
Arabia  
PATEL, Sahejad, 1-355 Lab, Innovation Cluster 3, Bldg.  
23, Kaust Research Park, Thuwal, 23955-6900, SA-Saudi  
Arabia  
HIROSE, Shigeo, Watanebe Corporation Building 4F, 5-9-  
15 Kitashinagawa, Shinagawa-ku, Tokyo, 141-0001, JP-  
Japan  
GUARNIERI, Michele, Watanebe Corporation Building  
4F, 5-9-15 Kitashinagawa, Shinagawa-ku, Tokyo, 141-0001,  
JP-Japan  
DEBENEST, Paulo, Watanebe Corporation Building 4F, 5-  
9-15 Kitashinagawa, Shinagawa-ku, Tokyo, 141-0001, JP-  
Japan
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
DEPLOYMENT MECHANISM FOR PASSIVE  
NORMALIZATION OF AN INSTRUMENT RELATIVE TO A  
WORKPIECE SURFACE

- (51) **Klasse :** **G01N 33/18 (2006.01)**  
**C02F 1/00 (2006.01)**  
**C02F 1/44 (2006.01)**  
**C02F 1/78 (2006.01)**  
**C02F 101/30 (2006.01)**  
**C02F 103/34 (2006.01)**  
**G01N 1/20 (2006.01)**  
**G01N 1/40 (2006.01)**  
**G01N 15/02 (2006.01)**  
**G01N 15/14 (2006.01)**
- (87) **EP Publ.nr:** EP3102936  
(86) **EP søkn.nr:** 15743984.5  
(86) **EP innl.dag:** 2015.02.02  
(87) **EP publ.dag:** 2016.12.14  
(80) **EP meddelt :** 2019.12.18  
(30) **Prioritet:** 2014.02.03, SE, 1450114  
(86) **Int.inndag :** 2015.02.02  
(86) **Int.søknadsnr :** PCT/SE2015/050113  
(73) **Innehaver:**  
Aqua-Q AB, P.O. Box 115123 22 Farsta, SE-Sverige
- (72) **Oppfinner:**  
CHOWDHURY, Sudhir, Vidjävågen 53S-123 52 Farsta,  
SE-Sverige  
CHOWDHURY, Ulla, Vidjävågen 53S-123 52 Farsta, SE-  
Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR ONLINE MONITORING OF WATER  
QUALITY

- (51) **Klasse :** **G01N 33/28 (2006.01)**  
**B01L 3/00 (2006.01)**  
**G01N 21/01 (2006.01)**
- (87) **EP Publ.nr:** EP3532841  
(86) **EP søkn.nr:** 17783386.0  
(86) **EP innl.dag:** 2017.07.28  
(87) **EP publ.dag:** 2019.09.04  
(80) **EP meddelt :** 2020.01.08  
(30) **Prioritet:** 2016.10.26, EP, 16002281  
(86) **Int.inndag :** 2017.07.28  
(86) **Int.søknadsnr :** PCT/EP2017/000917  
(73) **Innehaver:**  
Fuchs Petrolub SE, Friesenheimer Strasse 1768169  
Mannheim, DE-Tyskland
- (72) **Oppfinner:**  
FUCHS, Christine, Kaiserwerther Strasse 20640474  
Düsseldorf, DE-Tyskland  
THEIS, Heinz Gerhard, Finkenweg 1967368 Westheim,  
DE-Tyskland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
SAMPLE RECEIVING ELEMENT, ANALYSES SET AND  
METHOD FOR ANALYZING A LIQUID, IN PARTICULAR A  
COOLING LUBRICANT EMULSION

- (51) **Klasse :** **G01N 33/543 (2006.01)**  
**G01N 35/00 (2006.01)**  
**G01R 33/00 (2006.01)**
- (87) **EP Publ.nr:** EP2338052  
(86) **EP søkn.nr:** 09808959.2  
(86) **EP innl.dag:** 2009.10.06  
(87) **EP publ.dag:** 2011.06.29  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2008.10.16, EP, 08166810  
(86) **Int.inndag :** 2009.10.06  
(86) **Int.søknadsnr :** PCT/IB2009/054372  
(73) **Innehaver:**  
Siemens Healthcare Nederland B.V., Prinses Beatrixlaan  
8002595 BN s'-Gravenhage, NL-Nederland
- (72) **Oppfinner:**  
EVERS, Toon, H., c/o High Tech Campus Building 44NL-  
5656 AE Eindhoven, NL-Nederland  
DITTMER, Wendy, U., c/o High Tech Campus Building  
44NL-5656 AE Eindhoven, NL-Nederland
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (54) **Benevnelse:**  
METHOD AND DEVICE FOR DETERMINING THE  
AMOUNT OF MAGNETICALLY LABELED TARGET  
COMPONENTS

- (51) **Klasse :** **G01N 33/68 (2006.01)**  
**G01N 33/58 (2006.01)**
- (87) **EP Publ.nr:** EP3139171  
(86) **EP søkn.nr:** 15188615.7  
(86) **EP innl.dag:** 2015.10.06  
(87) **EP publ.dag:** 2017.03.08  
(80) **EP meddelt :** 2020.02.12  
(30) **Prioritet:** 2015.09.02, EP, 15183561  
(73) **Innehaver:**  
Labsystems Diagnostics Oy, Tiilitie 301720 Vantaa, FI-  
Finland
- (72) **Oppfinner:**  
CARRARD, Géraldine, Lapinlahdenkatu 7C1900180  
Helsinki, FI-Finland  
FINGERHUT, Ralph, Stockefeld 15D-86911 Diessen, DE-  
Tyskland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
NOVEL METHODS AND KITS FOR DETECTING OF  
UREA CYCLE DISORDERS USING MASS  
SPECTROMETRY

- (51) **Klasse :** **G01S 13/84 (2006.01)**  
**G01S 13/82 (2006.01)**  
**G07C 9/00 (2006.01)**
- (87) **EP Publ.nr:** EP3350619  
(86) **EP søkn.nr:** 16769963.6  
(86) **EP innl.dag:** 2016.09.16  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2015.09.18, FR, 1558833  
(86) **Int.inndag :** 2016.09.16  
(86) **Int.søknadsnr :** PCT/EP2016/072061  
(73) **Innehaver:**  
Valeo Comfort and Driving Assistance, 76, rue Auguste  
Perret ZI Europarc94046 Créteil Cedex, FR-Frankrike
- (72) **Oppfinner:**  
LECONTE, Eric, Valeo Comfort and Driving  
Assistance76rue Auguste Perret - ZI Europarc94046 Créteil  
Cedex, FR-Frankrike
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR DETERMINING A DISTANCE BETWEEN A  
VEHICLE AND AN IDENTIFIER

- (51) **Klasse :** **G01V 1/00 (2006.01)**  
**G01V 1/16 (2006.01)**  
**G01V 1/22 (2006.01)**  
**G01V 11/00 (2006.01)**
- (87) **EP Publ.nr:** EP2191300  
(86) **EP søkn.nr:** 08831527.0  
(86) **EP innl.dag:** 2008.09.19  
(87) **EP publ.dag:** 2010.06.02  
(80) **EP meddelt :** 2020.02.12  
(30) **Prioritet:** 2007.09.21, US, 974266 P  
(86) **Int.inndag :** 2008.09.19  
(86) **Int.søknadsnr :** PCT/US2008/010904  
(73) **Innehaver:**  
GTC, Inc., 7007 PinemontHouston, TX 77040-6601, US-  
USA
- (72) **Oppfinner:**  
ADAMS, Robbin, B., 3907 Aspenwood Dr.Richmond, TX  
77469, US-USA  
VAJAPEYAM, Bhasker, 711 Lorfing LaneSugar Land, TX  
77479, US-USA  
PRADO, Jesus, Eduardo, 4318 Oak Trail Ct.Sugar Land,  
TX 77479, US-USA  
CARROLL, Paul, E., 12203 Mile Dr.Houston, TX 77065,  
US-USA  
HALLAMAN, James, Michael, 911 Piedmont St.Sugar  
Land, TX 77478-3323, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LOW- POWER SATELLITE-TIMED SEISMIC DATA  
ACQUISITION SYSTEM

- (51) **Klasse :** **G02F 2/00 (2006.01)**  
**H01Q 1/38 (2006.01)**
- (87) **EP Publ.nr:** EP3413127  
(86) **EP søkn.nr:** 18174229.7  
(86) **EP innl.dag:** 2018.05.25  
(87) **EP publ.dag:** 2018.12.12  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2017.06.06, FR, 1755016  
(73) **Innehaver:**  
Office National d'Etudes et de Recherches Aérospatiales,  
Chemin de la Hunière91120 Palaiseau, FR-Frankrike
- (72) **Oppfinner:**  
BOUCHON, Patrick, 9 allée des Lilas91370 VERRIERES  
LE BUISSON, FR-Frankrike  
HAIDAR, Riad, 111 rue de Reully75012 PARIS, FR-  
Frankrike  
MAKHSIYAN, Mathilde, 144 impasse du Calice01120 LA  
BOISSE, FR-Frankrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SPECTRAL CONVERSION ELEMENT FOR  
ELECTROMAGNETIC RADIATION

- (51) **Klasse :** **G06F 17/14 (2006.01)**  
**G01R 21/06 (2006.01)**  
**G01R 31/08 (2006.01)**  
**G01R 19/25 (2006.01)**  
**G01R 27/16 (2006.01)**
- (87) **EP Publ.nr:** EP2820437  
(86) **EP søkn.nr:** 13711580.4  
(86) **EP innl.dag:** 2013.02.27  
(87) **EP publ.dag:** 2015.01.07  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2012.02.27, DE, 102012004723  
(86) **Int.inndag :** 2013.02.27  
(86) **Int.søknadsnr :** PCT/EP2013/053937  
(73) **Innehaver:**  
MDN Main-Donau Netzgesellschaft mbH, Sandreuthstrasse  
2190441 Nürnberg, DE-Tyskland  
Friedrich-Alexander-Universität Erlangen-Nürnberg,  
Schlossplatz 491054 Erlangen, DE-Tyskland
- (72) **Oppfinner:**  
WEINDL, Christian, Siebenbürgener Str. 190513 Zirndorf,  
DE-Tyskland  
FREITAG, Christian, Birkenweg 2 e95490 Mistelgau, DE-  
Tyskland  
MLADENOVIC, Ivana, Bussardstrasse 490556 Seukendorf,  
DE-Tyskland  
HEROLD, Gerhard, Grönaer Schulstrasse 13 a06406  
Bernburg (Saale), DE-Tyskland
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge
- (54) **Benevnelse:**  
METHOD FOR DETERMINING A RELATIONSHIP  
BETWEEN TWO SINUSOIDALLY PERIODICALLY  
VARYING VARIABLES AND DIAGNOSIS DEVICE

- (51) **Klasse :** **G07F 11/46 (2006.01)**  
**G07F 11/16 (2006.01)**
- (87) **EP Publ.nr:** EP2700058  
(86) **EP søkn.nr:** 12724921.7  
(86) **EP innl.dag:** 2012.04.19  
(87) **EP publ.dag:** 2014.02.26  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2011.04.19, DK, 201170189 P  
(86) **Int.inndag :** 2012.04.19  
(86) **Int.søknadsnr :** PCT/EP2012/057183  
(73) **Innehaver:**  
PROCES-DATA A/S, Navervej 88600 Silkeborg, DK-  
Danmark
- (72) **Oppfinner:**  
THYRRING, Rasmus, Sølystvej 1028600 Silkeborg, DK-  
Danmark  
CRAMER NIELSEN, Christian, Buskelundtoften 408600  
Silkeborg, DK-Danmark
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
DRIVE FOR INTERNAL TRANSPORT SYSTEM

- (51) **Klasse :** **G16B 10/00 (2019.01)**
- (87) **EP Publ.nr:** EP3207481  
(86) **EP søkn.nr:** 15850218.7  
(86) **EP innl.dag:** 2015.10.14  
(87) **EP publ.dag:** 2017.08.23  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2014.10.14, US, 201462063849 P  
(86) **Int.inndag :** 2015.10.14  
(86) **Int.søknadsnr :** PCT/US2015/055579  
(73) **Innehaver:**  
Ancestry.com DNA, LLC, 1300 W. Traverse ParkwayLehi,  
UT 84043, US-USA
- (72) **Oppfinner:**  
BARBER, Mathew J., c/o Ancestry.com DNA, LLC1300 W.  
Traverse ParkwayLehi, UT 84043, US-USA  
WANG, Yong, c/o Ancestry.com DNA, LLC1300 W.  
Traverse ParkwayLehi, UT 84043, US-USA  
NOTO, Keith D., c/o Ancestry.com DNA, LLC1300 W.  
Traverse ParkwayLehi, UT 84043, US-USA  
CHAHINE, Kenneth G., c/o Ancestry.com DNA, LLC1300  
W. Traverse ParkwayLehi, UT 84043, US-USA  
BALL, Catherine Ann, c/o Ancestry.com DNA, LLC1300 W.  
Traverse ParkwayLehi, UT 84043, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
REDUCING ERROR IN PREDICTED GENETIC  
RELATIONSHIPS

- (51) **Klasse :** *H01M 8/08 (2016.01)*  
*C25B 1/12 (2006.01)*  
*C25B 13/02 (2006.01)*  
*C25B 13/04 (2006.01)*  
*H01M 8/0215 (2016.01)*  
*H01M 8/0243 (2016.01)*  
*H01M 8/0252 (2016.01)*  
*H01M 8/083 (2016.01)*
- (87) **EP Publ.nr:** EP2681350  
(86) **EP søkn.nr:** 12712596.1  
(86) **EP innl.dag:** 2012.02.28  
(87) **EP publ.dag:** 2014.01.08  
(80) **EP meddelt :** 2019.12.11  
(30) **Prioritet:** 2011.02.28, EP, 11156178  
2011.02.28, US, 201161447145 P
- (86) **Int.inndag :** 2012.02.28  
(86) **Int.søknadsnr :** PCT/EP2012/053376  
(73) **Innehaver:**  
VITO NV, Boeretang 2002400 Mol, BE-Belgia
- (72) **Oppfinner:**  
DOYEN, Willy, Kandonkiaan 132160 Wommelgem, BE-Belgia  
ALVAREZ GALLEGRO, Yolanda, Scheldestraat 792000 Antwerpen, BE-Belgia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL SEPARATOR, AN ELECTROCHEMICAL CELL THEREWITH AND USE THEREOF THEREIN

- (51) **Klasse :** *H02G 3/08 (2006.01)*  
*B60L 53/14 (2019.01)*  
*B60L 53/30 (2019.01)*  
*B60L 53/31 (2019.01)*  
*H02B 1/50 (2006.01)*  
*H02G 3/04 (2006.01)*
- (87) **EP Publ.nr:** EP2385596  
(86) **EP søkn.nr:** 11003312.3  
(86) **EP innl.dag:** 2011.04.20  
(87) **EP publ.dag:** 2011.11.09  
(80) **EP meddelt :** 2019.11.20  
(30) **Prioritet:** 2010.05.03, DE, 102010019143
- (73) **Innehaver:**  
chargeIT mobility GmbH, Steigweg 2497318 Kitzingen, DE-Tyskland
- (72) **Oppfinner:**  
Beck, Bernhard, Gerlachshausener Str. 197332 Volkach, DE-Tyskland  
Bachmann, Sebastian, Kötzlerstrasse 1190453 Nürnberg, DE-Tyskland  
Xiong, Ge, Schönfelder Strasse 57 DG34121 Kassel, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge
- (54) **Benevnelse:**  
Device comprising a tube and a housing mountable to the tube for an electricity charging box for electric vehicles

- (51) **Klasse :** *H02J 3/18 (2006.01)*  
*H02J 3/00 (2006.01)*  
*H02J 3/06 (2006.01)*  
*H02J 3/16 (2006.01)*  
*H02J 13/00 (2006.01)*
- (87) **EP Publ.nr:** EP2482417  
(86) **EP søkn.nr:** 12150539.0  
(86) **EP innl.dag:** 2012.01.10  
(87) **EP publ.dag:** 2012.08.01  
(80) **EP meddelt :** 2019.11.27  
(30) **Prioritet:** 2011.01.27, US, 201113014779
- (73) **Innehaver:**  
General Electric Company, 1 River RoadSchenectady, NY 12345, US-USA
- (72) **Oppfinner:**  
Krok, Michael Joseph, GE Global ResearchOne Research CircleNiskayuna, NY New York 12309, US-USA  
Ren, Wei, GE Global ResearchOne Research CircleNiskayuna, NY New York 12309, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
Systems, Methods, and Apparatus for Accelerating Volt / VAR Load Flow Optimization

- (51) **Klasse :** *H04B 1/7075 (2011.01)*  
*H04J 13/00 (2011.01)*  
*H04L 1/00 (2006.01)*  
*H04L 5/00 (2006.01)*  
*H04L 27/26 (2006.01)*
- (87) **EP Publ.nr:** EP3182605  
(86) **EP søkn.nr:** 17154815.9  
(86) **EP innl.dag:** 2008.10.28  
(87) **EP publ.dag:** 2017.06.21  
(80) **EP meddelt :** 2019.12.04  
(30) **Prioritet:** 2007.10.29, JP, 2007280921
- (73) **Innehaver:**  
Optis Wireless Technology, LLC, P.O. Box 250649Plano, TX 75025, US-USA
- (72) **Oppfinner:**  
NAKAO, Seigo, c/o Panasonic Intellectual Property ManagementCo., Ltd.1-61 Shiromi 2-chomeChuo-ku, Osaka 540-6207, JP-Japan  
NISHIO, Akihiko, c/o Panasonic Intellectual Property ManagementCo., Ltd.1-61 Shiromi 2-chomeChuo-ku, Osaka 540-6207, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SEARCH SPACE BASED ON CONTROL CHANNEL ELEMENTS AGGREGATION SIZE

- (51) **Klasse :** *H04N 19/33 (2014.01)*  
*H04N 19/119 (2014.01)*  
*H04N 19/124 (2014.01)*  
*H04N 19/126 (2014.01)*  
*H04N 19/14 (2014.01)*  
*H04N 19/174 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/18 (2014.01)*  
*H04N 19/196 (2014.01)*  
*H04N 19/30 (2014.01)*  
*H04N 19/44 (2014.01)*  
*H04N 19/463 (2014.01)*  
*H04N 19/70 (2014.01)*
- (87) **EP Publ.nr:** EP3177017  
(86) **EP søkn.nr:** 17152128.9  
(86) **EP innl.dag:** 2011.06.03  
(87) **EP publ.dag:** 2017.06.07  
(80) **EP meddelt :** 2020.01.29  
(30) **Prioritet:** 2010.06.04, JP, 2010129414  
2010.09.30, JP, 2010222300  
2011.03.10, JP, 2011053479  
2011.03.11, JP, 2011054816
- (73) **Innehaver:**  
Sony Corporation, 1-7-1, Konan, Minato-ku, Tokyo 108-0075, JP-Japan
- (72) **Oppfinner:**  
Sato, Kazushi, c/o SONY CORPORATION 1-7-1 Konan, Minato-ku Tokyo, 108-0075, JP-Japan
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
CODING OF A QP AND A DELTA QP FOR IMAGE BLOCKS LARGER THAN A MINIMUM SIZE
- 

- (51) **Klasse :** *H05K 5/06 (2006.01)*  
*E21B 41/00 (2006.01)*  
*H05K 7/14 (2006.01)*
- (87) **EP Publ.nr:** EP3397034  
(86) **EP søkn.nr:** 17168191.9  
(86) **EP innl.dag:** 2017.04.26  
(87) **EP publ.dag:** 2018.10.31  
(80) **EP meddelt :** 2019.12.04
- (73) **Innehaver:**  
ABB Schweiz AG, Brown Boveri Strasse 65400 Baden, CH-Sveits
- (72) **Oppfinner:**  
LAUNONEN, Markku, c/o ABB Oy Strömbergin Puistotie 15 C65320 VAASA, FI-Finland  
TRANDAL, Arne, Sandslihovden 665254 Sandsli Norge
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
SUBSEA ARRANGEMENT AND METHOD FOR DETECTING A MALFUNCTION OF A SUBSEA ARRANGEMENT
-

## Innsigelser mot patent

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

- (11) **Patentnr:** 343864  
(21) **Søknadsnr:** 2020/00144  
(45) **Meddelt:** 2019.06.24  
(73) **Innehaver:**  
Interwell Norway AS, Postboks 916, 4089 HAFRSFJORD,  
Norge  
(74) **Fullmektig:**  
ONSAGERS AS , Postboks 1813, Vika, 0123, OSLO, NO  
**Innsiger:**  
TCO AS, Storanaset 20, 5260 INDRE ARNA, Norge  
**Innsigers fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,  
Norge  
**Innsigelsesdato:** 2020.03.24
-

## Avgjørelser fra Klagenemnda

Klagenemndas avgjørelse etter begjæring om at patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse.

- (51) **Klasse:** **N 21/95 (2006.01)**  
**G01N 33/00 (2006.01)**  
**H01L 21/66 (2006.01)**
- (87) **EP Publ.nr:** EP3028035
- (86) **EP søkn.nr:** 14762048.8
- (54) **Benevnelse:**  
METHOD FOR LOCATING A WAFER IN THE INGOT OF SAME
- (730) **Innehaver:**  
Commissariat à l'Énergie Atomique et aux Énergies Alternatives, 25, Rue Leblanc Bâtiment "Le Ponant D", 75015 Paris, FR
- (740) **Fullmektig:**  
ONSAGERS AS , Postboks 1813, Vika, 0123, OSLO, NO
- Begjæring innkommet:**  
2018.07.31
- Patentstyrets avgjørelse av begjæringen (2019.10.25):**  
Begjæringen om at opprettholdes til tross for fristoversittelsen avslås.
- Klage på Patentstyrets avgjørelse innkommet:**  
2019.12.27
- Klagenemndas avgjørelse av (2020.03.18):**  
Klagen tas til følge.

Klagenemndas avgjørelse etter begjæring om at patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse.

- (51) **Klasse:** **A61F 6/00 (2006.01)**  
**B65D 75/58 (2006.01)**
- (87) **EP Publ.nr:** EP2498734
- (86) **EP søkn.nr:** 10773092.1
- (54) **Benevnelse:**  
CONDOM WRAPPING
- (730) **Innehaver:**  
Sweetgum SARL, 34 Boulevard Prince Henri, 1724 Luxembourg, LU
- (740) **Fullmektig:**  
ONSAGERS AS , Postboks 1813, Vika, 0123, OSLO, NO
- Begjæring innkommet:**  
2018.12.14
- Patentstyrets avgjørelse av begjæringen (2019.11.16):**  
Begjæringen om at patentet valideres til tross for fristoversittelsen avslås.
- Klage på Patentstyrets avgjørelse innkommet:**  
2020.01.16
- Klagenemndas avgjørelse av (2020.03.18):**  
Klagen tas til følge.

Klagenemndas avgjørelse etter begjæring om at patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse.

- (51) **Klasse:** **B65D 85/804 (2006.01)**  
**A47J 31/36 (2006.01)**
- (87) **EP Publ.nr:** EP2916698
- (86) **EP søkn.nr:** 12818640.0
- (54) **Benevnelse:**  
SYSTEM FOR DISPENSING BEVERAGES
- (730) **Innehaver:**  
Paolini, Cristiano, Via A. Ragionieri 59, 50019 Sesto Fiorentino (FI), IT
- (740) **Fullmektig:**  
Orsnes Patent ApS , Forskerparken 10, 5230, ODENSE, DK
- Begjæring innkommet:**  
2018.11.13
- Patentstyrets avgjørelse av begjæringen (2019.11.02):**  
Begjæringen om at patentet valideres til tross for fristoversittelsen avslås.
- Klage på Patentstyrets avgjørelse innkommet:**  
2020.01.02
- Klagenemndas avgjørelse av (2020.03.18):**  
Klagen tas til følge.

Klagenemndas avgjørelse etter klage på innsigelsesavgjørelse.

- (51) **Klasse:** **A01K 73/04 (2006.01)**
- (11) **Patent nr.:** 336137
- (21) **Søknadsnr:** 20120577
- (45) **Meddelt:** 2015.05.26
- (54) **Benevnelse:**  
Høydemåler for tråling
- (730) **Innehaver:**  
Scantrawl AS , Postboks 44, 3167, ÅSGÅRDSTRAND, NO
- (740) **Fullmektig:**  
ONSAGERS AS , Postboks 1813, Vika, 0123, OSLO, NO
- Innsiger:**  
Kongsberg Maritime AS , Postboks 111, 3191, HORTEN, NO
- Innsigers fullmektig:**  
PROTECTOR IP AS , Pilestredet 33, 0166, OSLO, NO
- Innsigelse innkommet:**  
2016.02.25
- Patentstyrets avgjørelse av innsigelsen (2018.12.19):**  
Patent nummer 336137 oppheves
- Klage på Patentstyrets avgjørelse innkommet:**  
2019.02.19
- Klagenemndas avgjørelse av (2019.12.16):**  
1 Klagen tas ikke til følge.  
2 Patent nr. 336137 oppheves.



## 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.

- (21) **Søknadsnr:** 20161360  
(71) **Søker:**  
Clemens Erbacher, Wallmersbach 45, 97215  
UFFENHEIM, Tyskland  
**Melding innkommet patentstyret:**  
2020.03.12
- 
- (11) **Patent nr.:** 333931  
(21) **Søknadsnr:** 20052726  
(73) **Innehaver:** Lonza, LLC, 412 Mount Kemble Ave,  
Suite 200S, NJ07960 MORRISTOWN,  
USA  
**Melding innkommet patentstyret:**  
2020.03.17
- 
- (11) **Patent nr.:** NO/EP2139466  
(21) **Søknadsnr:** EP2139466  
(73) **Innehaver:** Neurocentria, Inc., 1855 Olympic Blvd.,  
Suite 225, CA94596 WALNUT CREEK,  
USA  
(74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark  
**Melding innkommet patentstyret:**  
2020.03.18
- 
- (11) **Patent nr.:** NO/EP2155188  
(21) **Søknadsnr:** EP2155188  
(73) **Innehaver:** Abraxis Bioscience, LLC, 86 Morris  
Avenue, NJ07901 SUMMIT, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.25
- 
- (11) **Patent nr.:** NO/EP2968434  
(21) **Søknadsnr:** EP2968434  
(73) **Innehaver:** Shire Viropharma LLC, 300 Shire Way,  
MA02421 LEXINGTON, USA  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.18
- 
- (11) **Patent nr.:** NO/EP3071219  
(21) **Søknadsnr:** EP3071219  
(73) **Innehaver:** Shire Viropharma LLC, 300 Shire Way,  
MA02421 LEXINGTON, USA  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.18

- (11) **Patent nr.:** NO/EP3290046  
(21) **Søknadsnr:** EP3290046  
(73) **Innehaver:** Shire Viropharma LLC, 300 Shire Way,  
MA02421 LEXINGTON, USA  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.18
- 
- (11) **Patent nr.:** NO/EP2090326  
(21) **Søknadsnr:** EP2090326  
(73) **Innehaver:** Pikdare-Società per Azioni, Via Saldarini  
Catelli 10, 22070 CASNATE CON  
BERNATE CO, Italia  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika,  
0118 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.23
- 
- (11) **Patent nr.:** NO/EP2598304  
(21) **Søknadsnr:** EP2598304  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser  
Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika,  
0118 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.25
- 
- (11) **Patent nr.:** NO/EP2852493  
(21) **Søknadsnr:** EP2852493  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser  
Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika,  
0118 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.25
- 
- (11) **Patent nr.:** NO/EP3212388  
(21) **Søknadsnr:** EP3212388  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser  
Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika,  
0118 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.25

(11) **Patent nr.:** NO/EP2877342  
(21) **Søknadsnr:** EP2877342  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP2620358  
(21) **Søknadsnr:** EP2620358  
(73) **Innehaver:** Deep Trekker Inc, 830 Trillium Drive, ONN2R1K4 KITCHENER, Canada  
**Melding innkommet patentstyret:** 2020.03.23

(11) **Patent nr.:** 321367  
(21) **Søknadsnr:** 20032116  
(73) **Innehaver:** Runway Safe IPR AB, Box 53257, 40016 GÖTEBORG, Sverige  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP2892808  
(21) **Søknadsnr:** EP2892808  
(73) **Innehaver:** Runway Safe IPR AB, Box 53257, 40016 GÖTEBORG, Sverige  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP3297920  
(21) **Søknadsnr:** EP3297920  
(73) **Innehaver:** Runway Safe IPR AB, Box 53257, 40016 GÖTEBORG, Sverige  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP2870073  
(21) **Søknadsnr:** EP2870073  
(73) **Innehaver:** Mondelez UK R&D Limited, P.O. Box 12 Bournville Lane, B302LU BOURNVILLE, BIRMINGHAM, Storbritannia DS Smith Packaging Limited, 350 Euston Road, NW13AX LONDON, Storbritannia  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.23

(11) **Patent nr.:** NO/EP2758347  
(21) **Søknadsnr:** EP2758347  
(73) **Innehaver:** Lonza, LLC, 412 Mount Kemble Ave, Suite 200S, NJ07960 MORRISTOWN, USA  
**Melding innkommet patentstyret:** 2020.03.17

(11) **Patent nr.:** NO/EP2845843  
(21) **Søknadsnr:** EP2845843  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** 341871  
(21) **Søknadsnr:** 20090128  
(73) **Innehaver:** Secura Bio, Inc., 1887 Whitney Mesa Drive #1050, NV89014 HENDERSON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.17

(21) **Søknadsnr:** 2015026  
(73) **Innehaver:** Secura Bio, Inc., 1887 Whitney Mesa Drive #1050, NV89014 HENDERSON, USA  
(71) **Søker:** Novartis AG, Schwarzwaldallee 215, 4058 BASEL, Sveits  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.18

(11) **Patent nr.:** 324942  
(21) **Søknadsnr:** 20030867  
(73) **Innehaver:** Secura Bio, Inc., 1887 Whitney Mesa Drive #1050, NV89014 HENDERSON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.17

(11) **Patent nr.:** 341870  
(21) **Søknadsnr:** 20090137  
(73) **Innehaver:** Secura Bio, Inc., 1887 Whitney Mesa Drive #1050, NV89014 HENDERSON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.17

(11) **Patent nr.:** NO/EP2611857  
(21) **Søknadsnr:** EP2611857  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP3077451  
(21) **Søknadsnr:** EP3077451  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP2768892  
(21) **Søknadsnr:** EP2768892  
(73) **Innehaver:** Evonik Operations GmbH, Rellinghauser Str. 1-11, 45128 ESSEN, Tyskland  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** NO/EP2969123  
(21) **Søknadsnr:** EP2969123  
(73) **Innehaver:** ConocoPhillips Company, 925 N. Eldridge Parkway, TX77079 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.17

(11) **Patent nr.:** NO/EP2529004  
(21) **Søknadsnr:** EP2529004  
(73) **Innehaver:** Advanced BioNutrition Corp, 7155 Columbia Gateway Drive, Suite H, MD21046 COLUMBIA, USA  
(74) **Fullmektig:** Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark  
**Melding innkommet patentstyret:** 2020.03.20

(21) **Søknadsnr:** 20160783  
(71) **Søker:** Baker Hughes, a GE company, LLC, 17021 Aldine Westfield, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.24

(11) **Patent nr.:** NO/EP2925904  
(21) **Søknadsnr:** EP2925904  
(73) **Innehaver:** Commonwealth Scientific and Industrial Research Organisation, Clunies Ross St., ACT2601 ACTON, Australia  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.16

(11) **Patent nr.:** 343882  
(21) **Søknadsnr:** 20083185  
(73) **Innehaver:** Tokai COBEX GmbH, Gustav-Stresemann-Ring 12-16, 65189 WIESBADEN, Tyskland  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(11) **Patent nr.:** 340775  
(21) **Søknadsnr:** 20084737  
(73) **Innehaver:** Tokai COBEX GmbH, Gustav-Stresemann-Ring 12-16, 65189 WIESBADEN, Tyskland  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.25

(21) **Søknadsnr:** 20121367  
(71) **Søker:** Vetco Gray, LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.12

(21) **Søknadsnr:** 20111393  
(71) **Søker:** Vetco Gray, LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.12

(21) **Søknadsnr:** 20130849  
(71) **Søker:** Vetco Gray, LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.12

(11) **Patent nr.:** 343413  
(21) **Søknadsnr:** 20120390  
(73) **Innehaver:** Vetco Gray, LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2020.03.12

(11) **Patent nr.:** 340845  
(21) **Søknadsnr:** 20120306  
(73) **Innehaver:** Vetco Gray, LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patent nr.:** 341712  
(21) **Søknadsnr:** 20082786  
(73) **Innehaver:** Vetco Gray, LLC, 12221 No. Houston Rosslyn, TX77086 HOUSTON, USA  
(74) **Fullmektig:** CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patent nr.:** NO/EP2347239  
(21) **Søknadsnr:** EP2347239  
(73) **Innehaver:** Runway Safe IPR AB, Box 53257, 40016 GØTEBORG, Sverige  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.25

(11) **Patent nr.:** NO/EP2994751  
(21) **Søknadsnr:** EP2994751  
(73) **Innehaver:** Ontera Inc., 61 Delaware Ave. B, CA95060 SANTA CRUZ, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.23

(11) **Patent nr.:** NO/EP2223160  
(21) **Søknadsnr:** EP2223160  
(73) **Innehaver:** Phoenix Engineering Systems Ltd., Parkhill Studio, Walton Road, LS225DZ WETHERBY, Storbritannia  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.19

(11) **Patent nr.:** 338702  
(21) **Søknadsnr:** 20074349  
(73) **Innehaver:** Microsoft TechnologyLicensing, LLC, One Microsoft Way, WA98052 REDMOND, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.23

(11) **Patent nr.:** 338798  
(21) **Søknadsnr:** 20074348  
(73) **Innehaver:** Microsoft TechnologyLicensing, LLC, One Microsoft Way, WA98052 REDMOND, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.23

(11) **Patent nr.:** 340871  
(21) **Søknadsnr:** 20074418  
(73) **Innehaver:** Microsoft TechnologyLicensing, LLC, One Microsoft Way, WA98052 REDMOND, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.23

(11) **Patent nr.:** NO/EP2571207  
(21) **Søknadsnr:** EP2571207  
(73) **Innehaver:** Chepro Corporation, 8-1-2, Nishishinjuku, Shinjuku-ku, 1600023 TOKYO, Japan  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.23

(11) **Patent nr.:** 334007  
(21) **Søknadsnr:** 20111584  
(73) **Innehaver:** PEXIP AS, Lilleakerveien 2 A, 0283 OSLO, Norge  
(74) **Fullmektig:** LEOGRIFF AS, Fornebuveien 33, 1366 LYSAKER, Norge  
**Melding innkommet patentstyret:**  
2020.03.20

(11) **Patent nr.:** 336150  
(21) **Søknadsnr:** 20121566  
(73) **Innehaver:** PEXIP AS, Lilleakerveien 2 A, 0283 OSLO, Norge  
(74) **Fullmektig:** LEOGRIFF AS, Fornebuveien 33, 1366 LYSAKER, Norge  
**Melding innkommet patentstyret:**  
2020.03.20

(11) **Patent nr.:** NO/EP2117283  
(21) **Søknadsnr:** EP2117283  
(73) **Innehaver:** Current Lighting Soluitons, LLC, Nela Park, Bld. 338, 1975 Noble Road, OH44112 EAST CLEVELAND, USA  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.24

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

- (21) **Søknadsnr:** 20061014
- (21) **Søknadsnr:** 20082518
- (21) **Søknadsnr:** 20150540
- (21) **Søknadsnr:** 20171617
- (21) **Søknadsnr:** 20181028
- (21) **Søknadsnr:** 20190123
- (21) **Søknadsnr:** 20190124
- (21) **Søknadsnr:** 20190127
- (21) **Søknadsnr:** 20024679
- (21) **Søknadsnr:** 20015670
- (21) **Søknadsnr:** 20061342
- (21) **Søknadsnr:** 20023455
- (21) **Søknadsnr:** 20100367
- (21) **Søknadsnr:** 20131743

## Meddelte supplerende beskyttelsessertifikater for legemidler (spc)

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

(21) **Søknadsnr:** 2014005  
 (22) **Inng.dag:** 2014.03.10  
 (22) **Inng.dag basispatent:** 2005.06.14  
 (11) **Basispatent nr:** 334314  
 (24) **Løpedag:** 2003.11.11  
 (73) **Innehaver:** Boehringer Ingelheim Pharma GmbH & Co KG  
 (74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (95) **Produkt:** olodaterol, syreaddisjonssalter og farmakologisk akseptable syrer derav  
 (94) **Gyldig t.om:** 2028.09.18  
 (92) **NO markedsførings-tillatelse nr:** 12-9096  
 (92) **Dato for samme:** 2013.11.26  
 (93) **Første markedsføringstillatelse innen EØS-området:** MA211/00401  
 (93) **Dato for samme:** 2013.09.18  
 (54) **Benevnelse:** Forbindelser, farmasøytiske formuleringer inneholdende slike samt anvendelse av disse for fremstilling av medikamenter for behandling av kronisk obstruktiv lungesykdom

(21) **Søknadsnr:** 2019016  
 (22) **Inng.dag:** 2019.04.05  
 (22) **Inng.dag basispatent:** 2001.10.12  
 (11) **Basispatent nr:** 322470  
 (24) **Løpedag:** 2000.04.12  
 (73) **Innehaver:** Bristol-Myers Squibb Holdings Ireland Unlimited Company  
 (74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (95) **Produkt:** dasatinib  
 (94) **Gyldig t.om:** 2022.05.22  
 (92) **NO markedsførings-tillatelse nr:** EU106363001-009  
 (92) **Dato for samme:** 2006.12.20  
 (93) **Første markedsføringstillatelse innen EØS-området:** EU1/06/363/001-009  
 (93) **Dato for samme:** 2006.11.22  
 (54) **Benevnelse:** Cyklisk protein-tyrosin-kinase-inhibitor, anvendelse av slike for fremstilling av farmasøytiske preparater for behandling av lidelser og farmasøytiske preparater inneholdende slike.

(21) **Søknadsnr:** 2019005  
 (22) **Inng.dag:** 2019.02.05  
 (22) **Inng.dag basispatent:** 2002.08.13  
 (11) **Basispatent nr:** 325532  
 (24) **Løpedag:** 2001.02.15  
 (73) **Innehaver:** Pharmacia & Upjohn Company LLC###Sugen Inc  
 (74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (95) **Produkt:** N-[2-(diethylamino)etyl]-5-[(Z)-(5-fluoro-2-okso-1,2-dihydro-3H-indol-3-yliden)metyl]-2,4-dimetyl-1H-pyrrol-3-karboksamid (sunitinib), samt farmasøytisk akseptable salter  
 (94) **Gyldig t.om:** 2022.01.24  
 (92) **NO markedsførings-tillatelse nr:** 2008019  
 (92) **Dato for samme:** 2008.12.08  
 (54) **Benevnelse:** Pyrrolsubstituerte 2-indolinoner, farmasøytisk preparat omfattende slike, fremgangsmåte for å modulere den katalytiske aktiviteten til en proteinkinase in vitro basert på bruk av slike forbindelser, samt anvendelse av slike forbindelser til fremstilling av medikamenter for behandling av sykdommer.

## Endring i fullmaktsforhold

(21) **Søknadsnr:** EP3042143  
(74) **Fullmektig:**  
Barbare Dietrich c/o Thul Patentanwalts-gesellschaft mbH,  
Rheinmetall Platz 1, 40476 DÜSSELDORF, Tyskland  
**Melding innkommet patentstyret:**  
2020.03.13

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(21) **Søknadsnr:** EP3071921  
(74) **Fullmektig:**  
Barbare Dietrich c/o Thul Patentanwalts-gesellschaft mbH,  
Rheinmetall Platz 1, 40476 DÜSSELDORF, Tyskland  
**Melding innkommet patentstyret:**  
2020.03.13

---

(11) **Patentnr:** 324459  
(21) **Søknadsnr:** 20022332  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** 330469  
(21) **Søknadsnr:** 20021145  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** 331400  
(21) **Søknadsnr:** 20023455  
(73) **Innehaver:**  
AbbVie Inc., 1 North Waukegan Road, IL60064 NORTH  
CHICAGO, USA  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvaien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**

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(11) **Patentnr:** 333931  
(21) **Søknadsnr:** 20052726  
(73) **Innehaver:**  
Lonza, LLC, 412 Mount Kemble Ave, Suite 200S, NJ07960  
MORRISTOWN, USA  
**Melding innkommet patentstyret:**  
2020.03.17

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(11) **Patentnr:** 334007  
(21) **Søknadsnr:** 20111584  
(73) **Innehaver:**  
PEXIP AS, Lilleakerveien 2 A, 0283 OSLO, Norge  
(74) **Fullmektig:**  
LEOGRIF AS, Fornebuveien 33, 1366 LYSAKER, Norge  
**Melding innkommet patentstyret:**  
2020.03.20

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(11) **Patentnr:** 336150  
(21) **Søknadsnr:** 20121566  
(73) **Innehaver:**  
PEXIP AS, Lilleakerveien 2 A, 0283 OSLO, Norge  
(74) **Fullmektig:**  
LEOGRIF AS, Fornebuveien 33, 1366 LYSAKER, Norge  
**Melding innkommet patentstyret:**  
2020.03.20

---

(11) **Patentnr:** 337949  
(21) **Søknadsnr:** 20074455  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** 338068  
(21) **Søknadsnr:** 20090084  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** 338956  
(21) **Søknadsnr:** 20072619  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** 339140  
(21) **Søknadsnr:** 20100487  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** NO/EP2080454  
(21) **Søknadsnr:** EP2080454  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2117283  
(21) **Søknadsnr:** EP2117283  
(73) **Innehaver:**  
Current Lighting Soluitons, LLC, Nela Park, Bld. 338, 1975  
Noble Road, OH44112 EAST CLEVELAND, USA  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.24

(11) **Patentnr:** NO/EP2129595  
(21) **Søknadsnr:** EP2129595  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2131704  
(21) **Søknadsnr:** EP2131704  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2151313  
(21) **Søknadsnr:** EP2151313  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2152128  
(21) **Søknadsnr:** EP2152128  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2152607  
(21) **Søknadsnr:** EP2152607  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2155019  
(21) **Søknadsnr:** EP2155019  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2155020  
(21) **Søknadsnr:** EP2155020  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2155021  
(21) **Søknadsnr:** EP2155021  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

(11) **Patentnr:** NO/EP2223160  
(21) **Søknadsnr:** EP2223160  
(73) **Innehaver:**  
Phoenix Engineering Systems Ltd., Parkhill Studio, Walton  
Road, LS225DZ WETHERBY, Storbritannia  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.19

(11) **Patentnr:** NO/EP2250498  
(21) **Søknadsnr:** EP2250498  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12



(11) **Patentnr:** NO/EP2259704  
(21) **Søknadsnr:** EP2259704  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** NO/EP2259705  
(21) **Søknadsnr:** EP2259705  
(73) **Innehaver:**  
Société des Produits Nestlé S.A., Entre-deux-Villes, 1800  
VEVEY, Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 2003 Vika, 0125 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** NO/EP2361462  
(21) **Søknadsnr:** EP2361462  
(74) **Fullmektig:**  
Gotapatent AB, Box 3127, 55003 JÖNKÖPING, Sverige  
**Melding innkommet patentstyret:**  
2020.03.23

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(11) **Patentnr:** NO/EP2620358  
(21) **Søknadsnr:** EP2620358  
(73) **Innehaver:**  
Deep Trekker Inc, 830 Trillium Drive, ONN2R1K4  
KITCHENER, Canada  
**Melding innkommet patentstyret:**  
2020.03.23

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(11) **Patentnr:** NO/EP2758347  
(21) **Søknadsnr:** EP2758347  
(73) **Innehaver:**  
Lonza, LLC, 412 Mount Kemble Ave, Suite 200S, NJ07960  
MORRISTOWN, USA  
**Melding innkommet patentstyret:**  
2020.03.17

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(11) **Patentnr:** NO/EP2763795  
(21) **Søknadsnr:** EP2763795  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.12

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(11) **Patentnr:** NO/EP3402838  
(21) **Søknadsnr:** EP3402838  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2020.03.18

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