

Norsk

# patent tidende

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### INID-koder

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

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

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

## Allment tilgjengelige patentsøknader (a)

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

<p>(51) <b>Klasse:</b> <i>A01K 47/06 (2006.01)</i> <i>A01K 51/00 (2006.01)</i> <i>A01K 47/00 (2006.01)</i></p> <p>(21) <b>Søknadsnr:</b> 20210708</p> <p>(22) <b>Inndag:</b> 2021.06.04</p> <p>(41) <b>Allm.tilgj:</b> 2022.12.05</p> <p>(24) <b>Løpedag:</b> 2021.06.04</p> <p>(71) <b>Søker:</b> BEEFUTURES HOLDING AS, Gaustadalléen 21, 0349 OSLO</p> <p>(74) <b>Fullmektig:</b> ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b> Christophe BROD, Ormøybakken 16, 0198 OSLO</p> <p>(54) <b>Benevnelse:</b> A system and method for light treatment of pollinating insects</p>	<p>(51) <b>Klasse:</b> <i>A23K 10/16 (2016.01)</i> <i>A23K 10/18 (2016.01)</i> <i>A23K 50/80 (2016.01)</i> <i>C12N 1/20 (2006.01)</i> <i>A61K 35/747 (2015.01)</i></p> <p>(21) <b>Søknadsnr:</b> 20210585</p> <p>(22) <b>Inndag:</b> 2021.05.10</p> <p>(41) <b>Allm.tilgj:</b> 2022.11.11</p> <p>(24) <b>Løpedag:</b> 2021.05.10</p> <p>(71) <b>Søker:</b> NORD UNIVERSITET, Postboks 1490, 8049 BODØ</p> <p>(74) <b>Fullmektig:</b> BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b> Mette Sørensen, Isbjørnveien 41, 8029 BODØ Kiron Viswanath, Hökkåsveien 4, 8028 BODØ Dagmar Mudronová, Fibichova 13, 04001 KOŠICE, Slovakia (SK) Adriána Feckaninová, Mlynská 699/19, 09101 STROPKOV, Slovakia (SK)</p> <p>(54) <b>Benevnelse:</b> Fish feed comprising probiotics</p>
<p>(51) <b>Klasse:</b> <i>A01K 47/06 (2006.01)</i></p> <p>(21) <b>Søknadsnr:</b> 20210713</p> <p>(22) <b>Inndag:</b> 2021.06.04</p> <p>(41) <b>Allm.tilgj:</b> 2022.12.05</p> <p>(24) <b>Løpedag:</b> 2021.06.04</p> <p>(71) <b>Søker:</b> BEEFUTURES HOLDING AS, Gaustadalléen 21, 0349 OSLO</p> <p>(74) <b>Fullmektig:</b> ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b> Christophe BROD, Ormøybakken 16, 0198 OSLO</p> <p>(54) <b>Benevnelse:</b> Method and system for photobiomodulation of pollinating insects in a hive</p>	<p>(51) <b>Klasse:</b> <i>B01D 19/00 (2006.01)</i> <i>A01K 63/04 (2006.01)</i> <i>C02F 3/08 (2006.01)</i> <i>B01D 53/04 (2006.01)</i></p> <p>(21) <b>Søknadsnr:</b> 20210691</p> <p>(22) <b>Inndag:</b> 2021.06.01</p> <p>(41) <b>Allm.tilgj:</b> 2022.12.02</p> <p>(24) <b>Løpedag:</b> 2021.06.01</p> <p>(71) <b>Søker:</b> NFT Newco AS, Dyre Halses gate 18, 7042 TRONDHEIM</p> <p>(74) <b>Fullmektig:</b> ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge</p> <p>(72) <b>Oppfinner:</b> Kari Johanne Kihle Attramadal, Dyre Halses gate 18, 7042 TRONDHEIM</p> <p>(54) <b>Benevnelse:</b> Degasser and method for increased efficiency in removal of CO2 from water</p>
<p>(51) <b>Klasse:</b> <i>A01K 73/02 (2006.01)</i> <i>A01K 73/04 (2006.01)</i> <i>A01K 73/045 (2006.01)</i> <i>A01K 73/05 (2006.01)</i></p> <p>(21) <b>Søknadsnr:</b> 20210685</p> <p>(22) <b>Inndag:</b> 2021.05.31</p> <p>(41) <b>Allm.tilgj:</b> 2022.12.01</p> <p>(24) <b>Løpedag:</b> 2021.05.31</p> <p>(71) <b>Søker:</b> STØ TECHNOLOGY AS, Kjøpmannsgata 9, 6005 ÅLESUND</p> <p>(74) <b>Fullmektig:</b> BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b> Pål Arne Roaldsnes, Skjongneset 20, 6050 VALDERØYA</p> <p>(54) <b>Benevnelse:</b> Kite for trål og anvendelse av Kite for trål</p>	<p>(51) <b>Klasse:</b> <i>B65D 39/12 (2006.01)</i> <i>B65D 39/00 (2006.01)</i> <i>B65D 5/72 (2006.01)</i> <i>B65D 47/10 (2006.01)</i> <i>B65D 17/32 (2006.01)</i> <i>B65D 51/22 (2006.01)</i> <i>B65D 43/02 (2006.01)</i> <i>B65D 43/16 (2006.01)</i> <i>B65D 5/74 (2006.01)</i> <i>B65D 43/00 (2006.01)</i></p> <p>(21) <b>Søknadsnr:</b> 20210707</p> <p>(22) <b>Inndag:</b> 2021.06.04</p> <p>(41) <b>Allm.tilgj:</b> 2022.12.05</p> <p>(24) <b>Løpedag:</b> 2021.06.04</p> <p>(71) <b>Søker:</b> Elopak AS, Postboks 24, 3431 SPIKKESTAD</p> <p>(74) <b>Fullmektig:</b> ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b> Stein-Fredrik Fossum, Skeievegen 13A, 3560 HEMSEDAL</p> <p>(54) <b>Benevnelse:</b> OPENING DEVICE FOR A CONTAINER</p>

(51) **Klasse:** *B65G 1/04 (2006.01)*  
*B65G 1/06 (2006.01)*

(21) **Søknadsnr:** 20210679

(22) **Inndag:** 2021.05.28

(41) **Allm.tilgj:** 2022.11.29

(24) **Løpedag:** 2021.05.28

(71) **Søker:**  
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

(54) **Benevnelse:**  
AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM  
WITH A DYNAMIC STORAGE SECTION AND A  
METHOD OF USING SAME

(51) **Klasse:** *B65G 1/04 (2006.01)*  
*B65G 1/06 (2006.01)*  
*B65D 81/18 (2006.01)*  
*B65G 57/03 (2006.01)*

(21) **Søknadsnr:** 20210749

(22) **Inndag:** 2021.06.10

(41) **Allm.tilgj:** 2022.12.12

(24) **Løpedag:** 2021.06.10

(71) **Søker:**  
AUTOSTORE TECHNOLOGY AS, Stokkastrandvegen  
85, 5578 NEDRE VATS

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

(72) **Oppfinner:**  
Kjetil Gilje, Lysenutvegen 39, 5585 SANDEID

(54) **Benevnelse:**  
A STORAGE CONTAINER FOR AN AUTOMATED,  
GRID-BASED STORAGE AND RETRIEVAL SYSTEM.

Krav på norsk er innkommet 2022.07.27.

(51) **Klasse:** *E21B 3/025 (2006.01)*  
*E21B 44/00 (2006.01)*  
*E21B 19/16 (2006.01)*

(21) **Søknadsnr:** 20221158

(22) **Inndag:** 2022.10.28

(41) **Allm.tilgj:** 2022.10.28

(30) **Prioritet:** 2020.05.11, US, 16/871,599

(86) **Int.inndag:** 2021.05.10

(86) **Int.søknadsnr:** PCT/US2021/031574

(24) **Løpedag:** 2021.05.10

(71) **Søker:**  
Schlumberger Technology B.V., Parkstraat 83, 2514JG  
THE HAGUE, Nederland (NL)

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

(72) **Oppfinner:**  
Jahir Pabon, 73 Blake Street, MA02460 NEWTON, USA  
(US)  
Nathaniel Wicks, Schlumberger Doll Research One  
Hampshire Street, MA02139 CAMBRIDGE, USA (US)

(54) **Benevnelse:**  
SLIDE DRILLING OVERSHOT CONTROL

(51) **Klasse:** *E21B 7/06 (2006.01)*  
*E21B 7/18 (2006.01)*  
*E21B 29/06 (2006.01)*  
*E21B 43/00 (2006.01)*  
*E21B 43/16 (2006.01)*  
*E21B 43/25 (2006.01)*  
*E21B 43/26 (2006.01)*  
*E21B 41/00 (2006.01)*

(21) **Søknadsnr:** 20210699

(22) **Inndag:** 2021.06.03

(41) **Allm.tilgj:** 2022.12.05

(24) **Løpedag:** 2021.06.03

(71) **Søker:**  
FISHBONES AS, Stokkamyrveien 15, 4313 SANDNES

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

(72) **Oppfinner:**  
Maximilian Leinenbach, Åkragata 7 G, 4015 STAVANGER

(54) **Benevnelse:**  
APPARATUS FOR FORMING LATERAL BORES IN  
SUBSURFACE ROCK FORMATIONS, WELLBORE  
STRING AND METHODS

(51) **Klasse:** *E21B 19/16 (2006.01)*

(21) **Søknadsnr:** 20220531

(22) **Inndag:** 2022.05.09

(41) **Allm.tilgj:** 2022.12.05

(30) **Prioritet:** 2021.06.02, GB, 2107855

(24) **Løpedag:** 2022.05.09

(71) **Søker:**  
MHWIRTH AS, Postboks 413 Lundsiden, 4604  
KRISTIANSAND S

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

(72) **Oppfinner:**  
Roy Birkeland, Rosevegen 7, 4645 NODELAND  
Per Inge Rønsberg, Freyasdalsveien 20, 4631  
KRISTIANSAND S  
Nicolai Nilsen, Odderhei terrasse 52, 4639  
KRISTIANSAND S

(54) **Benevnelse:**  
A removal apparatus for the removal of a well pipe from a  
well and a method for the operation of a well pipe removal  
apparatus

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

(21) **Søknadsnr:** 20210762

(22) **Inndag:** 2021.06.11

(41) **Allm.tilgj:** 2022.12.12

(24) **Løpedag:** 2021.06.11

(71) **Søker:**  
Aker Solutions AS, Postboks 94, 1325 LYSAKER

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

(72) **Oppfinner:**  
David Hickman, 4040 Henning Dr N, AL36619 MOBILE,  
USA (US)

(54) **Benevnelse:**  
An umbilical cable system and appurtenant method

Krav på norsk er innkommet 2022.08.17.

(51) **Klasse:** *E21B 44/00 (2006.01)*  
*E21B 44/04 (2006.01)*  
*E21B 21/08 (2006.01)*  
*E21B 7/04 (2006.01)*

(21) **Søknadsnr:** 20221190  
(22) **Inndag:** 2022.11.04  
(41) **Allm.tilgj:** 2022.11.04  
(30) **Prioritet:** 2020.05.01, US, 16/864,802  
(86) **Int.inndag:** 2021.04.29  
(86) **Int.søknadsnr:** PCT/US2021/029880  
(24) **Løpedag:** 2021.04.29  
(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
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Matthew FORSHAW, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Gerald BECKER, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
AUTONOMOUS TORQUE AND DRAG MONITORING

Krav på norsk er innkommet 2022.11.04.

(51) **Klasse:** *E21B 47/005 (2012.01)*  
*E21B 47/0224 (2012.01)*  
*G01V 1/40 (2006.01)*

(21) **Søknadsnr:** 20210936  
(22) **Inndag:** 2021.07.21  
(41) **Allm.tilgj:** 2022.12.02  
(30) **Prioritet:** 2021.06.01, US, 17/336,155  
(24) **Løpedag:** 2021.07.21  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Yao Ge, 315 Jalan Ahmad Inrahim, 639940 SINGAPORE, Singapore (SG)  
Ho Yin Ma, 315 Jalan Ahmad Inrahim, 639940 SINGAPORE, Singapore (SG)  
Ruijia Wang, c/o Halliburton Far East Pte. Ltd , 315 Jalan Ahmad Ibrahim, 639940 SINGAPORE, Singapore (SG)  
Jing Jin, 315 Jalan Ahmad Inrahim, 639940 SINGAPORE, Singapore (SG)  
Brenno Caetano Troca Cabella, Rua Paulo Emidio Barbosa 485, 21941-907 RIO DE JANEIRO, Brasil (BR)  
Xiang Wu, c/o Halliburton Far East Pte. Ltd , 315 Jalan Ahmad Ibrahim, 639940 SINGAPORE, Singapore (SG)

(54) **Benevnelse:**  
THROUGH TUBING CEMENT EVALUATION USING BOREHOLE RESONANCE MODE

(51) **Klasse:** *E21B 47/005 (2012.01)*  
*E21B 47/107 (2012.01)*  
*G01V 1/40 (2006.01)*

(21) **Søknadsnr:** 20211476  
(22) **Inndag:** 2021.12.08  
(41) **Allm.tilgj:** 2022.12.01  
(30) **Prioritet:** 2021.05.31, US, 17/334,977  
(24) **Løpedag:** 2021.12.08  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Yao Ge, c/o Halliburton Far East Pte. Ltd , 315 Jalan Ahmad Ibrahim, 639940 SINGAPORE, Singapore (SG)  
Ruijia Wang, c/o Halliburton Far East Pte. Ltd , 315 Jalan Ahmad Ibrahim, 639940 SINGAPORE, Singapore (SG)  
Xiang Wu, c/o Halliburton Far East Pte. Ltd , 315 Jalan Ahmad Ibrahim, 639940 SINGAPORE, Singapore (SG)  
BRENNO CAETANO TROCA CABELLA, R. Aloisio Teixeira, 565, Cidade Universitaria, 21941-850 RIO DE JANEIRO, Brasil (BR)

(54) **Benevnelse:**  
THROUGH TUBING ACOUSTIC MEASUREMENTS TO DETERMINE MATERIAL DISCONTINUITIES

(51) **Klasse:** *E21B 47/12 (2012.01)*  
*H04B 3/54 (2006.01)*

(21) **Søknadsnr:** 20211235  
(22) **Inndag:** 2021.10.13  
(41) **Allm.tilgj:** 2021.10.13  
(30) **Prioritet:** 2019.06.28, US, 16/457,456  
(86) **Int.inndag:** 2019.06.28  
(86) **Int.søknadsnr:** PCT/US2019/039954  
(24) **Løpedag:** 2019.06.28  
(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:**  
Trond Hagen, Verelia 21, 3234 SANDEFJORD

(54) **Benevnelse:**  
DOWNHOLE NETWORK INTERFACE UNIT FOR MONITORING AND CONTROL

(51) **Klasse:** *E21D 20/02 (2006.01)*  
*E21D 21/00 (2006.01)*  
*E21D 11/38 (2006.01)*

(21) **Søknadsnr:** 20210696  
(22) **Inndag:** 2021.06.02  
(41) **Allm.tilgj:** 2022.12.05  
(24) **Løpedag:** 2021.06.02  
(71) **Søker:**  
Tunnelsupply AS, Postboks 25, 1555 SON

(74) **Fullmektig:**  
MB Norway AS, Fossumveien 2, 3440 RØYKEN, Norge

(72) **Oppfinner:**  
Knut Olav Nordbø, Haugerud 36, 3844 ÅMOTSDAL Even H-H Sørbye, Gamle Kolåsvei 25, 1555 SON

(54) **Benevnelse:**  
Stag for forankring av innredning i tunneler og bergrom

- (51) **Klasse:** *G06F 1/16 (2006.01)*  
*F16M 11/04 (2006.01)*  
*G10H 1/00 (2006.01)*  
*F16M 11/22 (2006.01)*  
*H04M 1/02 (2006.01)*
- (21) **Søknadsnr:** 20210697
- (22) **Inndag:** 2021.06.02
- (41) **Allm.tilgj:** 2022.12.05
- (24) **Løpedag:** 2021.06.02
- (71) **Søker:**  
SOUNDSHELL AS, Gamle Alværnvei 9, 1453  
BJØRNEMYR
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge
- (72) **Oppfinner:**  
Bjorn Sigurdsson, Marcus Thranes gate 27, 2315 HAMAR
- (54) **Benevnelse:**  
Audio control module and system for controlling sound  
during a live performance
- 

- (51) **Klasse:** *G06F 1/3231 (2019.01)*  
*G06F 3/0488 (2013.01)*  
*G06F 3/041 (2006.01)*  
*G06F 3/01 (2006.01)*
- (21) **Søknadsnr:** 20210781
- (22) **Inndag:** 2021.06.17
- (41) **Allm.tilgj:** 2022.12.09
- (30) **Prioritet:** 2021.06.08, US, 63/208,220
- (24) **Løpedag:** 2021.06.17
- (71) **Søker:**  
ELLIPTIC LABORATORIES ASA, Akersgata 32, 0180  
OSLO
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (72) **Oppfinner:**  
Guenael Thomas Strutt, 36 Bob Kaufman Alley, CA94133  
SAN FRANCISCO, USA (US)  
Jakob Krohn, Thereses gate 50, 0168 OSLO  
Tom Øystein Kavli, St. Georgs vei 45, 0280 OSLO  
Hallstein Skjølvik, Erling Michelsens vei 22B, 1061  
OSLO  
Tobias Borén Svendsen, Sandakerveien 52A, 0477 OSLO  
Eirik Torbjørn Bakken Skjønsfjell, Brusetfaret 52A, 1395  
HVALSTAD
- (54) **Benevnelse:**  
Human Presence Detection

Krav på norsk er innkommet 2022.06.01.

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## Meddelte patenter B1

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

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

- |  |   |
|--|---|
| <p>(51) <b>Klasse:</b> <i>A01K 61/60 (2017.01)</i><br/><i>A01K 63/04 (2006.01)</i><br/><i>A01K 61/13 (2017.01)</i></p> <p>(11) <b>Patentnr:</b> <b>346755</b></p> <p>(21) <b>Søknadsnr:</b> 20211497</p> <p>(22) <b>Inng.dag:</b> 2021.12.10</p> <p>(30) <b>Prioritet:</b> 2021.03.08, NO, 20210295</p> <p>(24) <b>Løpedag:</b> 2021.12.10</p> <p>(41) <b>Allm.tilg.dag:</b> 2022.09.09</p> <p>(45) <b>Meddelt:</b> 2022.12.19</p> <p>(73) <b>Innehaver:</b><br/>Eide Fjordbruk AS, Støvegen 98, 5640<br/>EIKELANDSOSEN</p> <p>(74) <b>Fullmektig:</b><br/>BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b><br/>ERLEND EIDE, SANDVIKSVEIEN 164, 5035 BERGEN<br/>Sondre Eide, Øvre Hålandsdal 104, 5640<br/>EIKELANDSOSEN</p> <p>(54) <b>Benevnelse:</b><br/>Submersible fish farm</p>  | <p>(51) <b>Klasse:</b> <i>B60L 53/16 (2019.01)</i><br/><i>B60L 53/30 (2019.01)</i><br/><i>H01R 13/66 (2006.01)</i><br/><i>H01R 13/10 (2006.01)</i><br/><i>H01R 12/70 (2011.01)</i><br/><i>H02J 7/02 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> <b>346763</b></p> <p>(21) <b>Søknadsnr:</b> 20200207</p> <p>(22) <b>Inng.dag:</b> 2020.02.17</p> <p>(30) <b>Prioritet:</b> 2019.02.15, NO, 20190213</p> <p>(24) <b>Løpedag:</b> 2020.02.17</p> <p>(41) <b>Allm.tilg.dag:</b> 2020.08.17</p> <p>(45) <b>Meddelt:</b> 2022.12.19</p> <p>(73) <b>Innehaver:</b><br/>EASEE AS, Professor Olav Hanssens vei 7 A, 4021<br/>STAVANGER</p> <p>(74) <b>Fullmektig:</b><br/>HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068<br/>STAVANGER, Norge</p> <p>(72) <b>Oppfinner:</b><br/>Kjetil Næsje, Askeveien 8, 4314 SANDNES<br/>Jonas Helmikstøl, Gosenstubben 53, 4041 HAFRSFJORD<br/>Steffen Mølgaard, Adjunkt Hauglands gate 26, 4022<br/>STAVANGER<br/>Ola Stengel, Forusvågen 83, 4033 STAVANGER</p> <p>(54) <b>Benevnelse:</b><br/>Terminal assembly for an electric vehicle charger, charger<br/>and method of manufacturing of both</p> |
| <p>(51) <b>Klasse:</b> <i>B23K 1/00 (2006.01)</i><br/><i>B23K 35/00 (2006.01)</i><br/><i>B23K 35/02 (2006.01)</i><br/><i>B23K 35/28 (2006.01)</i><br/><i>B32B 15/01 (2006.01)</i><br/><i>C22C 21/02 (2006.01)</i><br/><i>C22C 21/04 (2006.01)</i><br/><i>B23K 101/14 (2006.01)</i><br/><i>B23K 103/10 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> <b>346759</b></p> <p>(21) <b>Søknadsnr:</b> 20063021</p> <p>(22) <b>Inng.dag:</b> 2006.06.28</p> <p>(30) <b>Prioritet:</b> 2003.11.28, FR, 03 14000</p> <p>(86) <b>Int.inng.dag:</b> 2004.11.24</p> <p>(86) <b>Int.Søknadsnr:</b> PCT/FR2004/03002</p> <p>(24) <b>Løpedag:</b> 2004.11.24</p> <p>(41) <b>Allm.tilg.dag:</b> 2006.08.28</p> <p>(45) <b>Meddelt:</b> 2022.12.19</p> <p>(73) <b>Innehaver:</b><br/>Constellium Rolled Products Ravenswood, LLC, Century<br/>Road, WV26164-0068 RAVENSWOOD, USA (US)<br/>Constellium Neuf Brisach, ZIP Rhénane Nord, RD 52,<br/>68600 BIESHEIM, Frankrike (FR)</p> <p>(74) <b>Fullmektig:</b><br/>BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b><br/>Sandrine Dulac, 2, rue Tarillon, 38000 GRENOBLE,<br/>Frankrike (FR)<br/>Sylvain Henry, Lotissement la Cerisaie, Chemin de la<br/>Fonderie, 38430 SAINT JEAN DE MOIRANS, Frankrike<br/>(FR)</p> <p>(54) <b>Benevnelse:</b><br/>Fremgangsmåte for lodding av bånd av aluminiumlegering</p> | <p>(51) <b>Klasse:</b> <i>B65G 1/04 (2006.01)</i><br/><i>B65G 1/06 (2006.01)</i><br/><i>B65D 81/18 (2006.01)</i><br/><i>B65G 57/03 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> <b>346764</b></p> <p>(21) <b>Søknadsnr:</b> 20210749</p> <p>(22) <b>Inng.dag:</b> 2021.06.10</p> <p>(24) <b>Løpedag:</b> 2021.06.10</p> <p>(41) <b>Allm.tilg.dag:</b> 2022.12.12</p> <p>(45) <b>Meddelt:</b> 2022.12.19</p> <p>(73) <b>Innehaver:</b><br/>AUTOSTORE TECHNOLOGY AS, Stokkastrandvegen 85,<br/>5578 NEDRE VATS</p> <p>(74) <b>Fullmektig:</b><br/>ONSAAGERS AS, Postboks 1813, Vika, 0123 OSLO,<br/>Norge</p> <p>(72) <b>Oppfinner:</b><br/>Kjetil Gilje, Lysenuvegen 39, 5585 SANDEID</p> <p>(54) <b>Benevnelse:</b><br/>A STORAGE CONTAINER FOR AN AUTOMATED, GRID-<br/>BASED STORAGE AND RETRIEVAL SYSTEM.</p>   |



- (51) **Klasse:** *E21B 4/02 (2006.01)*  
*F01D 15/10 (2006.01)*  
*F01D 25/24 (2006.01)*  
*F01D 5/02 (2006.01)*  
*F03B 13/02 (2006.01)*
- (11) **Patentnr:** 346758
- (21) **Søknadsnr:** 20160627
- (22) **Inng.dag:** 2016.04.15
- (86) **Int.inng.dag:** 2013.12.17
- (86) **Int.Søknadsnr:** PCT/US2013/075826
- (24) **Løpedag:** 2013.12.17
- (41) **Allm.tilg.dag:** 2016.04.15
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
Halliburton Energy Services, Inc., 10200 Bellaire  
Boulevard, TX77072 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Christopher Golla, 5910 Elmwood Hill Lane, TX77345-  
1919 KINGWOOD, USA (US)  
Daniel Winslow, 3330 Meline Fields, TX77386 SPRING,  
USA (US)  
Neelesh Deolalikar, 4314 Village Corner Drive, TX77059  
HOUSTON, USA (US)
- (54) **Benevnelse:**  
Methods and system for speed control of a fluid-controlled  
drive mechanism.

- (51) **Klasse:** *E21B 10/32 (2006.01)*  
*E21B 47/12 (2012.01)*  
*E21B 10/26 (2006.01)*
- (11) **Patentnr:** 346760
- (21) **Søknadsnr:** 20151261
- (22) **Inng.dag:** 2015.09.25
- (30) **Prioritet:** 2013.03.04, US, 13/784,284
- (86) **Int.inng.dag:** 2014.03.04
- (86) **Int.Søknadsnr:** PCT/US2014/020270
- (24) **Løpedag:** 2014.03.04
- (41) **Allm.tilg.dag:** 2015.09.25
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield  
Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Hans-Juergen Faber, Wisselweg 7, 31535 NEUSTADT,  
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Steven R Radford, 187 North Millport Circle, TX77382  
THE WOODLANDS, USA (US)  
Timothy Miller, 25218 Hawthorne Blossom Drive,  
TX77389 SPRING, USA (US)  
Marcus Oesterberg, 3606 Glenwood Springs Drive,  
TX77345 KINGWOOD, USA (US)  
Khoi Q Trinh, 1903 Lost Lake Place, TX77581  
PEARLAND, USA (US)  
Shyam Anandampillai, 114c Robin Street, TX77019  
HOUSTON, USA (US)  
Chad T Jurica, 11243 Blue Grass Way, TX77304  
CONROE, USA (US)  
Wolfgang Eduard Herberg, Am Lerchenberg 11, Eversen,  
29303 BERGEN, NIEDERSACHSEN, Tyskland (DE)  
Carsten Haubold, Hoppenstedtstrasse 7, 29221 CELLE,  
Tyskland (DE)  
Christopher Jakubeit, Nordmeyer Strasse 21, 29221  
CELLE, Tyskland (DE)  
Michael Wiegmann, Am Stiglele 17, 29393 GROSS  
OESINGEN, Tyskland (DE)  
Jens Behnsen, Wandelbergfeld 14, 31303 HANNOVER,  
Tyskland (DE)
- (54) **Benevnelse:**  
Expandable reamer assemblies, bottom hole assemblies,  
and related methods

- (51) **Klasse:** *E21B 17/00 (2006.01)*
- (11) **Patentnr:** 346757
- (21) **Søknadsnr:** 20141354
- (22) **Inng.dag:** 2014.11.12
- (30) **Prioritet:** 2012.05.03, US, 61/642,026  
2013.03.15, US, 13/841,422
- (86) **Int.inng.dag:** 2013.05.03
- (86) **Int.Søknadsnr:** PCT/US2013/039480
- (24) **Løpedag:** 2013.05.03
- (41) **Allm.tilg.dag:** 2014.12.02
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield  
Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Steven R Radford, 187 North Millport Circle, TX77382  
THE WOODLANDS, USA (US)  
Allen L Sinor, 8978 Fallsbrook Court, TX77302 CONROE,  
USA (US)  
Anders K Nesheim, Raunen 1, 4158 BRU
- (54) **Benevnelse:**  
Boresammenstillinger som innbefatter ekspanderbare  
utvidere og ekspanderbare stabiliseringsrør, og relaterte  
fremgangsmåter

- (51) **Klasse:** *E21B 33/035 (2006.01)*
- (11) **Patentnr:** 346766
- (21) **Søknadsnr:** 20140618
- (22) **Inng.dag:** 2014.05.15
- (30) **Prioritet:** 2013.05.15, GB, 1308733
- (24) **Løpedag:** 2014.05.15
- (41) **Allm.tilg.dag:** 2014.11.17
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
Aker Solutions Limited, Building 6 Chiswick Park, 566  
Chiswick High Road, W45HR LONDON, Storbritannia  
(GB)
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (72) **Oppfinner:**  
Richard Hope Carter, 71 Derberth Grange, AB158UD  
KINGSWELL, ABERDEEN, Storbritannia (GB)
- (54) **Benevnelse:**  
Undervannskobling

- (51) **Klasse:** *E21B 34/02 (2006.01)*  
*F16K 21/02 (2006.01)*
- (11) **Patentnr:** 346767
- (21) **Søknadsnr:** 20210053
- (22) **Inng.dag:** 2021.01.15
- (24) **Løpedag:** 2021.01.15
- (41) **Allm.tilg.dag:** 2022.07.18
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
DROPTech AS, Tryms vei 10, 4631 KRISTIANSAND S
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (72) **Oppfinner:**  
Emil Mühlbradt Sveen, Tryms vei 10, 4631  
KRISTIANSAND S  
Rolf Andersen, Eikeheiveien 10, 4640 SØGNE
- (54) **Benevnelse:**  
A fluid control system and method for operating the fluid  
system



- (51) **Klasse:** *E21B 43/119 (2006.01)*  
*E21B 47/04 (2012.01)*
- (11) **Patentnr:** 346756
- (21) **Søknadsnr:** 20140212
- (22) **Inng.dag:** 2014.02.19
- (30) **Prioritet:** 2011.09.30, US, 13/249,912
- (86) **Int.inng.dag:** 2012.09.28
- (86) **Int.Søknadsnr:** PCT/US2012/057793
- (24) **Løpedag:** 2012.09.28
- (41) **Allm.tilg.dag:** 2014.02.27
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Michael H Johnson, 6230 Clear Canyon Drive, TX77450 KATY, USA (US)  
Sean L Gaudette, 23322 Dunhill Court, TX77494 KATY, USA (US)
- (54) **Benevnelse:**  
Apparat og fremgangsmåte for å galvanisk fjerne eller avsette et metallisk materiale på en anordning i et borehull

- (51) **Klasse:** *F16K 11/072 (2006.01)*
- (11) **Patentnr:** 346762
- (21) **Søknadsnr:** 20171423
- (22) **Inng.dag:** 2017.09.04
- (30) **Prioritet:** 2015.02.04, CN, 2015 1 0059233
- (86) **Int.inng.dag:** 2015.03.25
- (86) **Int.Søknadsnr:** PCT/CN2015/075044
- (24) **Løpedag:** 2015.03.25
- (41) **Allm.tilg.dag:** 2017.09.04
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
WUHU KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD, 477# Yulin Road, Xinwu Economic Development Zone, 241100 ANHUI, Kina (CN)  
KELAMAYI KING-BULL INFORTEC PETROLEUM EQUIPMENT CO., LTD, 30# Ashan Road, 834000 KELAMAYI, XINJIANG, Kina (CN)
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (72) **Oppfinner:**  
Mingmin Wan, c/o Kelamayi King-Bull Infortec Petroleum Equipment Co., Ltd, 30# Ashan Road, 834000 KELAMAYI, XINJIANG, Kina (CN)  
Jianshe Yao, c/o Kelamayi King-Bull Infortec Petroleum Equipment Co., Ltd, 30# Ashan Road, 834000 KELAMAYI, XINJIANG, Kina (CN)  
Zhi Gao, c/o Kelamayi King-Bull Infortec Petroleum Equipment Co., Ltd, 30# Ashan Road, 834000 KELAMAYI, XINJIANG, Kina (CN)  
Xuefu Li, c/o Kelamayi King-Bull Infortec Petroleum Equipment Co., Ltd, 30# Ashan Road, 834000 KELAMAYI, XINJIANG, Kina (CN)  
Yunzhao Chen, c/o Wuhu King-Bull Infortec Petroleum Equipment Co., Ltd, 477# Yulin Road, Xinwu Economic Development Zone, 241100 ANHUI, Kina (CN)
- (54) **Benevnelse:**  
MULTI-WAY VALVE

- (51) **Klasse:** *F24F 13/10 (2006.01)*
- (11) **Patentnr:** 346761
- (21) **Søknadsnr:** 20211256
- (22) **Inng.dag:** 2021.10.19
- (30) **Prioritet:** 2021.01.28, NO, 20210107
- (24) **Løpedag:** 2021.10.19
- (41) **Allm.tilg.dag:** 2022.07.29
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
WIDE INDUSTRIER AS, Sagveien 15, 1890 RAKKESTAD
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (72) **Oppfinner:**  
Kristine Degnes, Kåenveien 403, 1894 RAKKESTAD
- (54) **Benevnelse:**  
A snow barrier for a ventilation system and a method of using same

- (51) **Klasse:** *F41A 21/30 (2006.01)*
- (11) **Patentnr:** 346768
- (21) **Søknadsnr:** 20190878
- (22) **Inng.dag:** 2019.07.11
- (24) **Løpedag:** 2019.07.11
- (41) **Allm.tilg.dag:** 2021.01.12
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
SVEMKO AS, Fjellskålnevegen 135, 5282 LONEVÅG
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Ole Asgeir Svenheim, Rymleheia 39, 5282 LONEVÅG
- (54) **Benevnelse:**  
Utførelse av lydtemper for skytevåpen

- (51) **Klasse:** *G07F 17/32 (2006.01)*  
*G07F 17/00 (2006.01)*
- (11) **Patentnr:** 346765
- (21) **Søknadsnr:** 20055251
- (22) **Inng.dag:** 2005.11.08
- (30) **Prioritet:** 2003.05.09, US, 10/434,283
- (86) **Int.inng.dag:** 2004.05.07
- (86) **Int.Søknadsnr:** PCT/IB2004/01870
- (24) **Løpedag:** 2004.05.07
- (41) **Allm.tilg.dag:** 2006.01.02
- (45) **Meddelt:** 2022.12.19
- (73) **Innehaver:**  
Aiman H Al-Ziyoud, P O Box 72627 DUBAI, De forente arabiske emiratene (AE)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Aiman H Al-Ziyoud, P O Box 72627 DUBAI, De forente arabiske emiratene (AE)
- (54) **Benevnelse:**  
Lotterisystem og fremgangsmåte med sanntidsvoksende jackpot

## 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 :** *A01N 63/00 (2020.01)*  
*A01N 25/30 (2006.01)*  
*A01P 1/00 (2006.01)*  
*A23L 3/3571 (2006.01)*

(87) **EP Publ.nr:** EP2999342  
(86) **EP søkn.nr:** 14725475.9  
(86) **EP innl.dag:** 2014.05.22  
(87) **EP publ.dag:** 2016.03.30  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2013.05.22, BE, 201300355  
(86) **Int.inndag :** 2014.05.22  
(86) **Int.søknadsnr :** PCT/EP2014/060511  
(73) **Innehaver:**  
REALCO S.A., Avenue Albert Einstein 151348 Louvain-la-Neuve, BE-Belgia

(72) **Oppfinner:**  
FASTREZ, Sébastien, Rue du Onzième Régiment d'Artillerie 1B-7000 Mons, BE-Belgia  
BLACKMAN, Gordon, Rue Bois Eloï 23B-1380 Lasne, BE-Belgia

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

(54) **Benevnelse:**  
METHOD FOR INCREASING THE SHELF LIFE OF PERISHABLE GOODS

(51) **Klasse :** *A47J 27/62 (2006.01)*  
*A47J 37/06 (2006.01)*  
*A47J 37/07 (2006.01)*

(87) **EP Publ.nr:** EP3547883  
(86) **EP søkn.nr:** 17876866.9  
(86) **EP innl.dag:** 2017.10.27  
(87) **EP publ.dag:** 2019.10.09  
(80) **EP meddelt :** 2022.10.19  
(30) **Prioritet:** 2016.11.30, US, 201615365487  
(86) **Int.inndag :** 2017.10.27  
(86) **Int.søknadsnr :** PCT/US2017/058865  
(73) **Innehaver:**  
Evo America, LLC, 20360 SW Avery Circle Tualatin, OR 97062, US-USA

(72) **Oppfinner:**  
SHINGLER, Robert A., 7997 SW 189TH Avenue Beaverton Oregon 97007, US-USA  
SHAW, Joseph R., 8140 SW Strobridge Court Beaverton Oregon 97008, US-USA

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

(54) **Benevnelse:**  
CONTINUOUS COOKING SURFACE WITH INDIVIDUALLY CONTROLLABLE HEATING ZONES

(51) **Klasse :** *A47J 31/057 (2006.01)*  
*A47J 31/00 (2006.01)*  
*A47J 31/02 (2006.01)*  
*B65D 85/816 (2006.01)*

(87) **EP Publ.nr:** EP3713456  
(86) **EP søkn.nr:** 18707968.6  
(86) **EP innl.dag:** 2018.01.05  
(87) **EP publ.dag:** 2020.09.30  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2017.11.22, LT, 2017537  
(86) **Int.inndag :** 2018.01.05  
(86) **Int.søknadsnr :** PCT/IB2018/050075  
(73) **Innehaver:**  
UAB "ESPRESA", Paneri str. 2003209 Vilnius, LT-Litauen

(72) **Oppfinner:**  
RUDIŠK, Ernest, Iauli str. 10-45LT-01134 Vilnius, LT-Litauen

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

(54) **Benevnelse:**  
BEVERAGE BREWING APPARATUS AND METHOD

(51) **Klasse :** *A61B 1/05 (2006.01)*  
*A61B 5/00 (2006.01)*  
*A61B 5/07 (2006.01)*

(87) **EP Publ.nr:** EP3785599  
(86) **EP søkn.nr:** 20198815.1  
(86) **EP innl.dag:** 2008.02.01  
(87) **EP publ.dag:** 2021.03.03  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2007.02.01, US, 88778007 P  
2007.02.14, US, 88986807 P  
2007.02.14, US, 88987107 P  
2007.06.01, US, 94144407 P  
2007.07.11, US, 94919807 P  
2007.07.11, US, 94920807 P  
2007.07.11, US, 94922307 P  
2007.08.18, US, 95669407 P

(73) **Innehaver:**  
Otsuka Pharmaceutical Co., Ltd., 2-9, Kanda Tsukasa-machi Chiyoda-ku Tokyo 101-8535, JP-Japan

(72) **Oppfinner:**  
ROBERTSON, Timothy, 2719 Sequoia Way Belmont, CA California 94002, US-USA  
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ZDEBLICK, Mark, Portola Valley 300 La Mesa Drive, CA California 94028, US-USA  
BEHZADI, Yashar, 88 King Street 520 San Francisco, CA California 94107, US-USA  
COSTELLO, Benedict, 1316 Josephine Berkeley, CA California 94703, US-USA  
FRANK, Jeremy, 1706 17th Avenue San Francisco, CA California 94122, US-USA  
HAFEZI, Hooman, 64 Eddystock Ct. Redwood City, CA California 94065, US-USA  
HANIFF, Tariq, 2440 Research Blvd. Rockville, MD 20850, US-USA  
O'REILLY, David, 2508 Waverley St. Palo Alto, CA California 94301, US-USA

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

(54) **Benevnelse:**  
INGESTIBLE EVENT MARKER SYSTEMS

- (51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 31/135 (2006.01)**  
**A61P 21/00 (2006.01)**  
**A61P 21/02 (2006.01)**  
**A61P 25/00 (2006.01)**  
**A61P 25/04 (2006.01)**  
**A61P 25/20 (2006.01)**  
**A61P 25/22 (2006.01)**  
**A61P 25/24 (2006.01)**
- (87) **EP Publ.nr:** EP2861223  
(86) **EP søkn.nr:** 13804115.7  
(86) **EP innl.dag:** 2013.06.14  
(87) **EP publ.dag:** 2015.04.22  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2012.06.15, US, 201261660593 P  
2012.07.03, US, 201261667774 P  
2012.11.12, US, 201261725402 P  
2013.03.15, US, 201361792900 P
- (86) **Int.inndag :** 2013.06.14  
(86) **Int.søknadsnr :** PCT/US2013/046023  
(73) **Innehaver:**  
Tonix Pharma Holdings Limited, Victoria Place, 5th Floor  
31 Victoria StreetHamilton HM 10, BM-Bermuda
- (72) **Oppfinner:**  
BRITTAIN, Harry, 10 Charles RoadMilford, New Jersey  
08848, US-USA  
REINER, Giorgio, Via Rusconi 2422100 Como, IT-Italia  
LEDERMAN, Seth, Tonix Pharmaceuticals, Inc. 509  
Madison Avenue - Suite 306New York, NY 10022, US-USA
- (74) **Fullmektig:**  
Valet Patent Services Limited, Siedlungsstr. 4a, 85253  
ERDWEG, Tyskland
- (54) **Benevnelse:**  
COMPOSITIONS AND METHODS FOR TRANSMUCOSAL  
ABSORPTION

- (51) **Klasse :** **A61K 31/4709 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/14 (2006.01)**  
**A61K 9/48 (2006.01)**  
**A61P 17/12 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 37/04 (2006.01)**
- (87) **EP Publ.nr:** EP3393468  
(86) **EP søkn.nr:** 16880113.2  
(86) **EP innl.dag:** 2016.12.22  
(87) **EP publ.dag:** 2018.10.31  
(80) **EP meddelt :** 2022.09.14  
(30) **Prioritet:** 2015.12.22, US, 201562271087 P  
2016.12.01, US, 201662428964 P
- (86) **Int.inndag :** 2016.12.22  
(86) **Int.søknadsnr :** PCT/US2016/068394  
(73) **Innehaver:**  
X4 Pharmaceuticals, Inc., 784 Memorial Drive Suite  
140Cambridge, Massachusetts 02139, US-USA
- (72) **Oppfinner:**  
ARBEIT, Robert D, 24 Oldham RoadWest  
NewtonMassachusetts 02465, US-USA  
RAGAN, Paula Marie, 281 School  
StreetBelmontMassachusetts 02478, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
METHODS FOR TREATING IMMUNODEFICIENCY  
DISEASE

- (51) **Klasse :** **A61K 33/00 (2006.01)**  
**A61P 17/02 (2006.01)**
- (87) **EP Publ.nr:** EP3263116  
(86) **EP søkn.nr:** 17178814.4  
(86) **EP innl.dag:** 2017.06.29  
(87) **EP publ.dag:** 2018.01.03  
(80) **EP meddelt :** 2022.08.10  
(30) **Prioritet:** 2016.06.29, EP, 16176880  
(73) **Innehaver:**  
ReGold ApS, c/o Gregers Gregersen Gl. Møllevej 58  
Ertebølle9640 Farsø, DK-Danmark
- (72) **Oppfinner:**  
DANSCHER, Gorm, Gentoftevej 78000 Aarhus C, DK-  
Danmark
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
GOLD PARTICLE FOR USE IN THERAPY TO PREVENT  
SCAR FORMATION

- (51) **Klasse :** **A61K 38/18 (2006.01)**  
**A61P 3/10 (2006.01)**  
**A61P 9/10 (2006.01)**  
**A61P 17/00 (2006.01)**  
**A61P 17/02 (2006.01)**  
**A61P 27/02 (2006.01)**  
**C07K 14/50 (2006.01)**  
**C12P 21/00 (2006.01)**
- (87) **EP Publ.nr:** EP3678687  
(86) **EP søkn.nr:** 18852510.9  
(86) **EP innl.dag:** 2018.09.04  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2022.08.17  
(30) **Prioritet:** 2017.09.04, US, 201762553970 P  
(86) **Int.inndag :** 2018.09.04  
(86) **Int.søknadsnr :** PCT/IB2018/001112  
(73) **Innehaver:**  
89Bio Ltd., 6 Hamada Street673340 Herzliya, IL-Israël
- (72) **Oppfinner:**  
KOPEC, Karla, K., 1223 Trafalgar LaneWest Chester, PA  
19080, US-USA  
LIU, Patrick, Mengyuan, 12508 Circle DriveRockville, MD  
20850, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
MUTANT FGF-21 PEPTIDE CONJUGATES AND USES  
THEREOF

- (51) **Klasse :** **A61K 39/12 (2006.01)**  
**A61K 39/39 (2006.01)**
- (87) **EP Publ.nr:** EP3269386  
(86) **EP søkn.nr:** 17185526.5  
(86) **EP innl.dag:** 2012.12.06  
(87) **EP publ.dag:** 2018.01.17  
(80) **EP meddelt :** 2022.09.14  
(30) **Prioritet:** 2011.12.06, EP, 11192230  
2012.03.13, WO, PCT/EP12/054387
- (73) **Innehaver:**  
Valneva Austria GmbH, Campus Vienna Biocenter 31030  
Vienna, AT-Østerrike
- (72) **Oppfinner:**  
Möhlen, Michael, Beatrixgasse 4A1030 Vienna, AT-  
Østerrike  
Weber, Michael, Rechte Wienzeile 249/151120 Vienna, AT-  
Østerrike  
Wruss, Jürgen, Dampfgasse 25/27-291100 Vienna, AT-  
Østerrike  
Schlegl, Robert, Rosental 632500 Siegenfeld, AT-Østerrike
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
ALUMINIUM COMPOUNDS FOR USE IN  
THERAPEUTICS AND VACCINES

- (51) **Klasse :** **B22D 41/00 (2006.01)**  
**B22D 41/02 (2006.01)**  
**F27D 1/00 (2006.01)**  
**F27D 1/10 (2006.01)**
- (87) **EP Publ.nr:** EP3676034  
(86) **EP søkn.nr:** 18849678.0  
(86) **EP innl.dag:** 2018.08.21  
(87) **EP publ.dag:** 2020.07.08  
(80) **EP meddelt :** 2022.08.10  
(30) **Prioritet:** 2017.08.29, US, 201762551509 P  
(86) **Int.inndag :** 2018.08.21  
(86) **Int.søknadsnr :** PCT/US2018/047253
- (73) **Innehaver:**  
Vesuvius USA Corporation, 1404 Newton DriveChampaign,  
IL 61824, US-USA
- (72) **Oppfinner:**  
MOHANTY, Beda, 703 Williamsburg CourtCranberry  
Township, PA 16066, US-USA  
SCHANER, Daniel T., 186 Fireside DriveMcmurray, PA  
15317, US-USA  
RICHARDSON, JR., Robert L., 1316 Middletown Eaton  
RoadMiddletown, Ohio 45042, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
REFRACTORY LINING STRUCTURE

- (51) **Klasse :** **B25C 1/04 (2006.01)**  
**B25C 1/00 (2006.01)**
- (87) **EP Publ.nr:** EP3546128  
(86) **EP søkn.nr:** 19165297.3  
(86) **EP innl.dag:** 2019.03.26  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2022.08.24  
(30) **Prioritet:** 2018.03.29, TW, 107110876
- (73) **Innehaver:**  
Basso Industry Corp., No. 24, 36th Rd. Industrial Zone,  
Xitun Dist.40768 Taichung, TW-Taiwan
- (72) **Oppfinner:**  
HUNG, Liang-Chi, No. 24, 36th Rd., Industrial Zone, Xitun  
Dist.40768 Taichung, TW-Taiwan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
NAIL GUN

- (51) **Klasse :** **B32B 5/02 (2006.01)**  
**B32B 3/12 (2006.01)**  
**B32B 37/16 (2006.01)**  
**E04C 2/36 (2006.01)**
- (87) **EP Publ.nr:** EP3307533  
(86) **EP søkn.nr:** 16736556.8  
(86) **EP innl.dag:** 2016.06.10  
(87) **EP publ.dag:** 2018.04.18  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2015.06.10, GB, 201510065  
(86) **Int.inndag :** 2016.06.10  
(86) **Int.søknadsnr :** PCT/GB2016/051717
- (73) **Innehaver:**  
Fergusson's Advanced Composite Technology Limited, 9  
Bonhill StreetLondon EC2A 4DJ, GB-Storbritannia
- (72) **Oppfinner:**  
FERGUSSON, Alexander Douglas, Fergusson's Advanced  
Composite Technology LtdCanterbury Court1-3 Brixton  
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NEWMAN, Alexander George, Fergusson's Advanced  
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RoadLondonGreater London SW9 6DE, GB-Storbritannia  
MAYALL, Adam Paul Leon, Fergusson's Advanced  
Composite Technology LtdCanterbury Court1-3 Brixton  
RoadLondonGreater London SW9 6DE, GB-Storbritannia  
BALEV, Teodor Boykov, Fergusson's Advanced Composite  
Technology LtdCanterbury Court1-3 Brixton  
RoadLondonGreater London SW9 6DE, GB-Storbritannia  
CASEY, Jonathan Philip, Fergusson's Advanced  
Composite Technology LtdCanterbury Court1-3 Brixton  
RoadLondonGreater London SW9 6DE, GB-Storbritannia  
WANG, Tong, Fergusson's Advanced Composite  
Technology LtdCanterbury Court1-3 Brixton  
RoadLondonGreater London SW9 6DE, GB-Storbritannia  
DI GUISTO, Marc-Antoine Lormel, Fergusson's Advanced  
Composite Technology LtdCanterbury Court1-3 Brixton  
RoadLondonGreater London SW9 6DE, GB-Storbritannia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
A METHOD OF MAKING A COMPOSITE STRUCTURE

- (51) **Klasse :** *B41M 3/12 (2006.01)*  
*B41M 5/025 (2006.01)*  
*B41M 5/035 (2006.01)*  
*B42D 25/305 (2014.01)*  
*D06Q 1/12 (2006.01)*  
*G06F 16/583 (2019.01)*  
*G06Q 50/18 (2012.01)*  
*B44C 1/17 (2006.01)*  
*D06P 5/24 (2006.01)*
- (87) **EP Publ.nr:** EP3666539  
(86) **EP søkn.nr:** 20151667.1  
(86) **EP innl.dag:** 2014.12.15  
(87) **EP publ.dag:** 2020.06.17  
(80) **EP meddelt :** 2022.08.17  
(30) **Prioritet:** 2014.05.19, US, 201462000167 P  
(73) **Innehaver:**  
Avery Dennison Retail Information Services LLC, 8080  
Norton ParkwayMentor, OH 44060, US-USA
- (72) **Oppfinner:**  
DE CASTRO, Paulo, Paulo Jorge Nunes Martin 9  
Bajos08192 Sant Cugat De Valles, ES-Spania
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITE IMAGE HEAT TRANSFER WITH  
SCANNABLE MARK

- (51) **Klasse :** *B61D 3/18 (2006.01)*
- (87) **EP Publ.nr:** EP3847072  
(86) **EP søkn.nr:** 19780016.2  
(86) **EP innl.dag:** 2019.09.03  
(87) **EP publ.dag:** 2021.07.14  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2018.09.06, IT, 201800008388  
(86) **Int.inndag :** 2019.09.03  
(86) **Int.søknadsnr :** PCT/IB2019/057396
- (73) **Innehaver:**  
CO.EL.DA. Software Srl, Via Villini Svizzera Dir. Gulli  
N.3389126 Reggio Calabria, IT-Italia
- (72) **Oppfinner:**  
LUCISANO, Antonio, Via V. Florio, 2089126 Reggio Di  
Calabria (RC), IT-Italia  
LUCISANO, Francesco, Via Rausei, 3389126 Reggio Di  
Calabria (RC), IT-Italia  
LUCISANO, Maurizio, Via V. Florio, 2089126 Reggio Di  
Calabria (RC), IT-Italia
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
LOADING SYSTEM AND TRANSPORTING WHEELED  
VEHICLES ON RAILWAY NETWORK

- (51) **Klasse :** *B63B 7/08 (2020.01)*
- (87) **EP Publ.nr:** EP3826912  
(86) **EP søkn.nr:** 19769783.2  
(86) **EP innl.dag:** 2019.09.16  
(87) **EP publ.dag:** 2021.06.02  
(80) **EP meddelt :** 2022.08.10  
(30) **Prioritet:** 2018.09.19, SE, 1851109  
(86) **Int.inndag :** 2019.09.16  
(86) **Int.søknadsnr :** PCT/EP2019/074630
- (73) **Innehaver:**  
Frodé Marina AB, Box 7185 21 Vaxholm, SE-Sverige
- (72) **Oppfinner:**  
FRODÉ, Mikael, Box 13185 21 VAXHOLM, SE-Sverige
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
A RIGID-INFLATABLE BOAT

- (51) **Klasse :** *B65G 5/00 (2006.01)*  
*E02D 29/00 (2006.01)*  
*E21B 33/10 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21D 11/00 (2006.01)*  
*E21D 11/14 (2006.01)*  
*E21D 11/38 (2006.01)*  
*E21D 13/00 (2006.01)*  
*E21F 17/16 (2006.01)*  
*F16L 1/028 (2006.01)*  
*F17C 1/00 (2006.01)*
- (87) **EP Publ.nr:** EP3398883  
(86) **EP søkn.nr:** 18155648.1  
(86) **EP innl.dag:** 2013.07.17  
(87) **EP publ.dag:** 2018.11.07  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2012.07.17, US, 201261672355 P  
2012.07.23, US, 201261674510 P
- (73) **Innehaver:**  
Tectona Ltd., Airgate-Center Thurgauerstrasse 408050  
Zurich, CH-Sveits
- (72) **Oppfinner:**  
Ram, Yosef, 19 Israel Galili Street4704186 Ramat Ha  
'Sharon, IL-Israël
- (74) **Fullmektig:**  
Cosmovici Intellectual Property, Rue du Commerce 4, 1204  
GENÈVE, Sveits
- (54) **Benevnelse:**  
TUNNELED GAS STORAGE

- (51) **Klasse :** *C07D 409/12 (2006.01)*  
*A61K 31/4155 (2006.01)*  
*A61P 3/10 (2006.01)*  
*A61P 7/02 (2006.01)*  
*A61P 9/00 (2006.01)*  
*A61P 25/28 (2006.01)*  
*A61P 29/00 (2006.01)*  
*A61P 35/00 (2006.01)*  
*C07D 409/14 (2006.01)*  
*C07D 417/14 (2006.01)*
- (87) **EP Publ.nr:** EP3261639  
(86) **EP søkn.nr:** 16756553.0  
(86) **EP innl.dag:** 2016.02.29  
(87) **EP publ.dag:** 2018.01.03  
(80) **EP meddelt :** 2022.08.24  
(30) **Prioritet:** 2015.02.27, US, 201562126424 P  
(86) **Int.inndag :** 2016.02.29  
(86) **Int.søknadsnr :** PCT/US2016/020116
- (73) **Innehaver:**  
Verseon International Corporation, 8 The Green, Ste  
ADover, DE 19901, US-USA
- (72) **Oppfinner:**  
SHORT, Kevin Michael, c/o Verseon Corporation48820-  
100B Kato Rd.Fremont, California 94538, US-USA  
ESTIARTE-MARTINEZ, Maria de los Angeles, c/o Verseon  
Corporation48820-100B Kato Rd.Fremont, California  
94538, US-USA  
KITA, David Ben, c/o Verseon Corporation48820-100B  
Kato Rd.Fremont, California 94538, US-USA  
SHIAU, Timothy Philip, c/o Verseon Corporation48820-  
100B Kato Rd.Fremont, California 94538, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
SUBSTITUTED PYRAZOLE COMPOUNDS AS SERINE  
PROTEASE INHIBITORS



- (51) **Klasse :** *C07D 487/04 (2006.01)*  
*A61K 31/5513 (2006.01)*  
*A61K 31/553 (2006.01)*  
*A61K 31/554 (2006.01)*  
*A61P 43/00 (2006.01)*  
*C07D 498/04 (2006.01)*  
*C07D 513/04 (2006.01)*
- (87) **EP Publ.nr:** EP3328864  
(86) **EP søkn.nr:** 16820570.6  
(86) **EP innl.dag:** 2016.07.06  
(87) **EP publ.dag:** 2018.06.06  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2015.07.06, AU, 2015902659  
(86) **Int.inndag :** 2016.07.06  
(86) **Int.søknadsnr :** PCT/AU2016/050588  
(73) **Innehaver:**  
Kinosis Therapeutics Pty Ltd, Suite 201 697 Burke RdCamberwell, VIC 3124, AU-Australia
- (72) **Oppfinner:**  
MCGREGOR, Iain Stewart, 10 Florabella StreetWerrimoo, New South Wales 2774, AU-Australia  
KASSIOU, Michael, 21 Moons AvenueLugarno, New South Wales 2210, AU-Australia  
BOWEN, Michael Thomas, 8/28 Moodie StreetCamberay, New South Wales 2062, AU-Australia  
HICKS, Callum, 1161 S. Dorrance StreetPhiladelphia, Pennsylvania 19146, US-USA  
JORGENSEN, William, 40 Tennant StreetCasula, New South Wales 2170, AU-Australia
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
THERAPEUTIC COMPOUNDS AND COMPOSITIONS FOR TREATING SOCIAL DISORDERS AND SUBSTANCE USE DISORDERS

- (51) **Klasse :** *C07K 16/28 (2006.01)*  
*A61K 39/395 (2006.01)*  
*A61P 35/00 (2006.01)*
- (87) **EP Publ.nr:** EP3697817  
(86) **EP søkn.nr:** 18800381.8  
(86) **EP innl.dag:** 2018.10.18  
(87) **EP publ.dag:** 2020.08.26  
(80) **EP meddelt :** 2022.10.05  
(30) **Prioritet:** 2017.10.18, US, 201762573835 P  
(86) **Int.inndag :** 2018.10.18  
(86) **Int.søknadsnr :** PCT/US2018/056441  
(73) **Innehaver:**  
Forty Seven, Inc., 333 Lakeside DriveFoster City, CA 94404, US-USA
- (72) **Oppfinner:**  
TAKIMOTO, Chris Hidemi, Mizufune, 333 Lakeside DriveFoster City, CA 94404, US-USA  
CHAO, Mark, Ping, 333 Lakeside DriveFoster City, CA 94404, US-USA  
VOLKMER, Jens-Peter, 333 Lakeside DriveFoster City, CA 94404, US-USA
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
ANTI-CD47 AGENT-BASED OVARIAN CANCER THERAPY

- (51) **Klasse :** *C09D 133/04 (2006.01)*  
*C08F 20/10 (2006.01)*  
*C08F 220/28 (2006.01)*  
*C09D 5/16 (2006.01)*  
*C09D 133/14 (2006.01)*
- (87) **EP Publ.nr:** EP3845617  
(86) **EP søkn.nr:** 19854117.9  
(86) **EP innl.dag:** 2019.08.22  
(87) **EP publ.dag:** 2021.07.07  
(80) **EP meddelt :** 2022.10.05  
(30) **Prioritet:** 2018.08.29, JP, 2018160863  
(86) **Int.inndag :** 2019.08.22  
(86) **Int.søknadsnr :** PCT/JP2019/032761  
(73) **Innehaver:**  
Nitto Kasei Co., Ltd., 17-14, Nishiawaji 3-chome Higashiyodogawa-kuOsaka-shi Osaka 533-0031, JP-Japan
- (72) **Oppfinner:**  
KITAMURA, Hitoshi, c/o NITTO KASEI CO., LTD. 17-14, Nishiawaji 3-chome Higashiyodogawa-kuOsaka-shi, Osaka 533-0031, JP-Japan
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
ANTI-FOULING COATING MATERIAL COMPOSITION

- (51) **Klasse :** *C10L 5/46 (2006.01)*  
*B09B 3/00 (2022.01)*
- (87) **EP Publ.nr:** EP3992269  
(86) **EP søkn.nr:** 20204802.1  
(86) **EP innl.dag:** 2020.10.29  
(87) **EP publ.dag:** 2022.05.04  
(80) **EP meddelt :** 2022.09.21  
(73) **Innehaver:**  
RWE Generation NL B.V., Amerweg 14931 NC Geertruidenberg, NL-Nederland
- (72) **Oppfinner:**  
Eurlings, Johannes Theodorus Gerardus Marie, 6125 RC Obbicht, NL-Nederland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
PELLETIZING FACILITY FOR THE GENERATION OF SOLID RECOVERED FUEL PELLETS

- (51) **Klasse :** *C12P 21/00 (2006.01)*
- (87) **EP Publ.nr:** EP3724346  
(86) **EP søkn.nr:** 18816060.0  
(86) **EP innl.dag:** 2018.12.13  
(87) **EP publ.dag:** 2020.10.21  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2017.12.15, EP, 17207640  
(86) **Int.inndag :** 2018.12.13  
(86) **Int.søknadsnr :** PCT/EP2018/084690  
(73) **Innehaver:**  
Sabidos B.V., Buurtboslaan 86731 CZ Otterlo, NL-Nederland
- (72) **Oppfinner:**  
VERLEUN, Theodorus, Buurtboslaan 86731 CZ Otterlo, NL-Nederland
- (74) **Fullmektig:**  
Sabidos B.V., Buurtboslaan 8, 6731CZ OTTERLO, Nederland
- (54) **Benevnelse:**  
METHOD FOR CASCADED PROCESSING OF FRESH ALGAE



(51) **Klasse :** *D21H 23/04 (2006.01)*  
 (87) **EP Publ.nr:** EP2912224  
 (86) **EP søkn.nr:** 13789108.1  
 (86) **EP innl.dag:** 2013.10.23  
 (87) **EP publ.dag:** 2015.09.02  
 (80) **EP meddelt :** 2022.08.17  
 (30) **Prioritet:** 2012.10.24, US, 201261717811 P  
 2013.10.22, US, 201314059953  
 (86) **Int.inndag :** 2013.10.23  
 (86) **Int.søknadsnr :** PCT/US2013/066405  
 (73) **Innehaver:**  
 J.M. Huber Corporation, 3100 Cumberland Boulevard,  
 Suite 600Atlanta, GA 30339, US-USA  
 (72) **Oppfinner:**  
 EVERS, Glenn, R., 780 Brookwood LaneHockessin, DE  
 19707, US-USA  
 (74) **Fullmektig:**  
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
 00100 HELSINGFORS, Finland  
 (54) **Benevnelse:**  
 CATIONIC POLYOXOMETALATE-COATED ALUMINA  
 TRIHYDRATE DISPERSANTS

(51) **Klasse :** *D21H 27/00 (2006.01)*  
*D21H 19/18 (2006.01)*  
*D21H 19/20 (2006.01)*  
*D21H 21/16 (2006.01)*  
*D21H 27/06 (2006.01)*  
 (87) **EP Publ.nr:** EP3710635  
 (86) **EP søkn.nr:** 18800956.7  
 (86) **EP innl.dag:** 2018.11.14  
 (87) **EP publ.dag:** 2020.09.23  
 (80) **EP meddelt :** 2022.08.24  
 (30) **Prioritet:** 2017.11.14, EP, 17306582  
 (86) **Int.inndag :** 2018.11.14  
 (86) **Int.søknadsnr :** PCT/EP2018/081236  
 (73) **Innehaver:**  
 AW BRANDING LIMITED, Johnston House 52-54 Rose  
 StreetAberdeen AB10 1HA, GB-Storbritannia  
 (72) **Oppfinner:**  
 BAUMLIN, Jean-Marie, 8 rue Jules Leroy62223 Anzin  
 Saint-Aubin, FR-Frankrike  
 DEPRES, Gaël, 331 chemin de Molarot38850 Chirens, FR-  
 Frankrike  
 VAU, Jean-Marie, 245 rue de Bercy75012 Paris, FR-  
 Frankrike  
 HARBURN-JONES, Glyn, 6 Cherry Tree RoadCharing  
 HeathAshfordKent TN27 0BB, GB-Storbritannia  
 (74) **Fullmektig:**  
 AW BRANDING LIMITED, Johnstone House 52-54 Rose  
 Street, AB101HA ABERDEEN, Storbritannia  
 (54) **Benevnelse:**  
 RECYCLABLE AND REPULPABLE TRANSLUCENT OR  
 TRANSPARENT PAPER - USE FOR PACKAGING  
 APPLICATIONS

(51) **Klasse :** *E02D 25/00 (2006.01)*  
*E02B 3/06 (2006.01)*  
*E02B 3/14 (2006.01)*  
*E02D 3/12 (2006.01)*  
*E02D 23/00 (2006.01)*  
*E02D 23/08 (2006.01)*  
 (87) **EP Publ.nr:** EP3505685  
 (86) **EP søkn.nr:** 17843826.3  
 (86) **EP innl.dag:** 2017.07.25  
 (87) **EP publ.dag:** 2019.07.03  
 (80) **EP meddelt :** 2022.09.07  
 (30) **Prioritet:** 2016.08.24, KR, 20160107518  
 (86) **Int.inndag :** 2017.07.25  
 (86) **Int.søknadsnr :** PCT/KR2017/007988  
 (73) **Innehaver:**  
 Kim, Sang Gi, 2103ho 106dong 70 Baegyongsan-ro  
 Busanjin-guBusan 47148, KR-Sør-Korea  
 (72) **Oppfinner:**  
 Kim, Sang Gi, 2103ho 106dong 70 Baegyongsan-ro  
 Busanjin-guBusan 47148, KR-Sør-Korea  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR THE CONSTRUCTION OF A CONCRETE  
 BLOCK STRUCTURE

(51) **Klasse :** *E02D 29/02 (2006.01)*  
 (87) **EP Publ.nr:** EP3690146  
 (86) **EP søkn.nr:** 20153793.3  
 (86) **EP innl.dag:** 2020.01.27  
 (87) **EP publ.dag:** 2020.08.05  
 (80) **EP meddelt :** 2022.08.03  
 (30) **Prioritet:** 2019.01.29, DK, PA201900116  
 (73) **Innehaver:**  
 Lahema, Dåsbjergvej 767800 Skive, DK-Danmark  
 (72) **Oppfinner:**  
 Hesel Madsen, Laust, Birkebakken 187800 Skive, DK-  
 Danmark  
 (74) **Fullmektig:**  
 Tropa ApS, Aagade 97, 1. sal, 8370 HADSTEN, Danmark  
 (54) **Benevnelse:**  
 RETAINING WALL SYSTEM

(51) **Klasse :** *E21B 7/06 (2006.01)*  
*E21B 41/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3737823  
 (86) **EP søkn.nr:** 18912768.1  
 (86) **EP innl.dag:** 2018.03.27  
 (87) **EP publ.dag:** 2020.11.18  
 (80) **EP meddelt :** 2022.10.12  
 (86) **Int.inndag :** 2018.03.27  
 (86) **Int.søknadsnr :** PCT/US2018/024627  
 (73) **Innehaver:**  
 Halliburton Energy Services Inc., 3000 N. Sam Houston  
 Parkway E.Houston, Texas 77032-3219, US-USA  
 (72) **Oppfinner:**  
 NANAYAKKARA, Ravi, P., 6207 Mighty Elm Ct.Kingwood,  
 TX 77345, US-USA  
 AGNIHOTRI, Mukul, 31233 Wooded Glen Ln.Spring, TX  
 77386, US-USA  
 (74) **Fullmektig:**  
 WITHERS & ROGERS LLP, 2 London Bridge, SE19RA  
 LONDON, Storbritannia  
 (54) **Benevnelse:**  
 AUTONOMOUSLY DRIVEN ROTARY STEERING  
 SYSTEM

- (51) **Klasse :** *E21B 7/24 (2006.01)*  
*E21B 4/00 (2006.01)*  
*E21B 21/10 (2006.01)*  
*E21B 28/00 (2006.01)*  
*E21B 31/00 (2006.01)*  
*E21B 31/13 (2006.01)*  
*E21B 34/14 (2006.01)*
- (87) **EP Publ.nr:** EP3655616  
(86) **EP søkn.nr:** 18834411.3  
(86) **EP innl.dag:** 2018.07.17  
(87) **EP publ.dag:** 2020.05.27  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2017.07.18, US, 201715652511  
(86) **Int.inndag :** 2018.07.17  
(86) **Int.søknadsnr :** PCT/US2018/042413  
(73) **Innehaver:**  
Reme Technologies, LLC, 701 Conroe Park North Drive Conroe, TX 77303, US-USA
- (72) **Oppfinner:**  
SICILIAN, Joshua Alan, 701 Conroe Park North Drive Conroe, Texas 77303, US-USA  
ALI, Faraz, 1231 Chuck Drive Friendswood, Texas 77546, US-USA  
CUDDAPAH, Avinash, 3019 Briarsage Lane Pearland, Texas 77581, US-USA
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
DOWNHOLD OSCILLATION APPARATUS

- (51) **Klasse :** *E21B 17/01 (2006.01)*  
*E21B 41/00 (2006.01)*
- (87) **EP Publ.nr:** EP3698006  
(86) **EP søkn.nr:** 18804380.6  
(86) **EP innl.dag:** 2018.10.19  
(87) **EP publ.dag:** 2020.08.26  
(80) **EP meddelt :** 2022.08.10  
(30) **Prioritet:** 2017.10.20, GB, 201717308  
2018.07.19, GB, 201811787
- (86) **Int.inndag :** 2018.10.19  
(86) **Int.søknadsnr :** PCT/GB2018/053038  
(73) **Innehaver:**  
Balmoral Comtec Limited, Balmoral Park Wellington Road Loirston Aberdeen AB12 3GY, GB-Storbritannia
- (72) **Oppfinner:**  
BAKEWELL, Brian John, Bona Vista Main Road Hillside Montrose Angus DD10 9HT, GB-Storbritannia  
MILNE, Fraser James, 12 Duke Street Brechin Angus DD9 6JZ, GB-Storbritannia  
GILL, Aneel, 14 Dalhousie Street Monifieth Angus DD5 4AY, GB-Storbritannia
- (74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland
- (54) **Benevnelse:**  
A CYLINDRICAL ELEMENT PROFILED TO REDUCE VORTEX INDUCED VIBRATION (VIV) AND/OR DRAG

- (51) **Klasse :** *E21B 41/00 (2006.01)*  
*E21B 1/00 (2006.01)*  
*E21B 43/01 (2006.01)*  
*G06F 30/20 (2020.01)*
- (87) **EP Publ.nr:** EP3339565  
(86) **EP søkn.nr:** 17189651.7  
(86) **EP innl.dag:** 2017.09.06  
(87) **EP publ.dag:** 2018.06.27  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2016.09.06, US, 201615257694  
(73) **Innehaver:**  
OneSubsea IP UK Limited, 100 New Bridge Street London EC4V 6JA, GB-Storbritannia
- (72) **Oppfinner:**  
EL CHIDIAC, Cedric, 6423 Wilshire Rdg. Houston, TX 77040, US-USA  
KUNZ, Sarah Rae, 7007 Applebee Ct. Sugar Land, TX 77479, US-USA  
SAUVE, Robert Edward, 8601 Graceful Oak Crossing Katy, TX 77494, US-USA  
VOELKEL, Tobias, 28011 Buckthorn Dr. Katy, TX 77494, US-USA  
SOMMER, Burkhard, 4646 W. Sam Houston Parkway N. Houston, TX 77041, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
SYSTEMS AND METHODS FOR ASSESSING PRODUCTION AND/OR INJECTION SYSTEM STARTUP

- (51) **Klasse :** *E21B 43/00 (2006.01)*  
*E21B 15/00 (2006.01)*
- (87) **EP Publ.nr:** EP3507452  
(86) **EP søkn.nr:** 17847667.7  
(86) **EP innl.dag:** 2017.09.01  
(87) **EP publ.dag:** 2019.07.10  
(80) **EP meddelt :** 2022.10.05  
(30) **Prioritet:** 2016.09.02, US, 201662383199 P  
(86) **Int.inndag :** 2017.09.01  
(86) **Int.søknadsnr :** PCT/US2017/049978  
(73) **Innehaver:**  
FMC Technologies, Inc., 11740 Katy Freeway Houston, TX 77079, US-USA
- (72) **Oppfinner:**  
HALVORSEN, Tore, Schlanbusch vei 233612 Kongsberg Norge  
MARION, Alain, 16 Rue Camille St Saens, 92500 Rueil-Malmaison, FR-Frankrike  
COUTO, Paulo, Technip FMC 485 Paulo Emidio Barbosa St. Rio de Janeiro, RJ 21941-907, BR-Brasil
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
IMPROVED SUBSEA FIELD ARCHITECTURE

- (51) **Klasse :** *E21B 44/02 (2006.01)*  
*E21B 19/22 (2006.01)*
- (87) **EP Publ.nr:** EP3027848  
(86) **EP søkn.nr:** 14752528.1  
(86) **EP innl.dag:** 2014.08.01  
(87) **EP publ.dag:** 2016.06.08  
(80) **EP meddelt :** 2022.10.26  
(30) **Prioritet:** 2013.08.01, US, 201361861352 P  
(86) **Int.inndag :** 2014.08.01  
(86) **Int.søknadsnr :** PCT/US2014/049493  
(73) **Innehaver:**  
National Oilwell Varco, L.P., 7909 Parkwood Circle  
DriveHouston, Texas 77036, US-USA
- (72) **Oppfinner:**  
STEFFENHAGEN, Timothy S., 712 Timberview Court  
N.Fort Worth, Texas 76112, US-USA  
WHITE, William B., 3125 Woodbridge DriveBedford, Texas  
76021, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
COILED TUBING INJECTOR WITH HYDRAULIC  
TRACTION SLIP MITIGATION CIRCUIT

- (51) **Klasse :** *F16L 23/028 (2006.01)*  
*F16L 27/08 (2006.01)*
- (87) **EP Publ.nr:** EP3807565  
(86) **EP søkn.nr:** 18765160.9  
(86) **EP innl.dag:** 2018.06.13  
(87) **EP publ.dag:** 2021.04.21  
(80) **EP meddelt :** 2022.09.28  
(86) **Int.inndag :** 2018.06.13  
(86) **Int.søknadsnr :** PCT/IB2018/000963  
(73) **Innehaver:**  
TotalEnergies OneTech, La Défense 6 2 Place Jean  
Millier92400 Courbevoie, FR-Frankrike  
Techlam, 1 rue de l'Industrie68700 Cernay, FR-Frankrike
- (72) **Oppfinner:**  
LIBOLT, Joël, c/o Techlam SAS 1 rue de l'industrie68700  
Cernay, FR-Frankrike  
ASSIER, Ludovic, c/o TOTAL SA 2 place Jean Millier La  
Défense 692400 Courbevoie, FR-Frankrike  
GUEVENEUX, Hervé, c/o TOTAL SA 2 place Jean Millier  
La Défense 692400 Courbevoie, FR-Frankrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
A TUBULAR JOINT FOR AN INSTALLATION

- (51) **Klasse :** *F16L 53/37 (2018.01)*  
*E21B 17/00 (2006.01)*  
*E21B 43/01 (2006.01)*
- (87) **EP Publ.nr:** EP3670995  
(86) **EP søkn.nr:** 18306763.6  
(86) **EP innl.dag:** 2018.12.20  
(87) **EP publ.dag:** 2020.06.24  
(80) **EP meddelt :** 2022.09.07  
(73) **Innehaver:**  
Nexans, 4, Allée de l'Arche92400 Courbevoie, FR-  
Frankrike
- (72) **Oppfinner:**  
IVERSEN, Oyvind, Finstadveien 13 b1406 SkiNorge  
HANISCH, Oyvind Pharo, Kastellveien 2 D1162 OsloNorge
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
HIGH ENERGY HEATING SYSTEM

- (51) **Klasse :** *F17C 3/02 (2006.01)*
- (87) **EP Publ.nr:** EP3425261  
(86) **EP søkn.nr:** 18181482.3  
(86) **EP innl.dag:** 2018.07.03  
(87) **EP publ.dag:** 2019.01.09  
(80) **EP meddelt :** 2022.09.21  
(30) **Prioritet:** 2017.07.04, FR, 1756312  
(73) **Innehaver:**  
Gaztransport et Technigaz, 1 Route de Versailles78470  
Saint-Rémy-lès-Chevreuse, FR-Frankrike
- (72) **Oppfinner:**  
DURAND, François, GAZTRANSPORT ET TECHNIGAZ1  
route de Versailles78470 SAINT REMY LES CHEVREUSE,  
FR-Frankrike  
LE ROUX, Guillaume, GAZTRANSPORT ET TECHNIGAZ1  
route de Versailles78470 SAINT REMY LES CHEVREUSE,  
FR-Frankrike  
BOUGAULT, Johan, GAZTRANSPORT ET TECHNIGAZ1  
route de Versailles78470 SAINT REMY LES CHEVREUSE,  
FR-Frankrike  
BERGER, Vincent, GAZTRANSPORT ET TECHNIGAZ1  
route de Versailles78470 SAINT REMY LES CHEVREUSE,  
FR-Frankrike
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
SEALED AND THERMALLY INSULATING VESSEL

- (51) **Klasse :** *F17C 13/12 (2006.01)*
- (87) **EP Publ.nr:** EP3896329  
(86) **EP søkn.nr:** 20315172.5  
(86) **EP innl.dag:** 2020.04.15  
(87) **EP publ.dag:** 2021.10.20  
(80) **EP meddelt :** 2022.08.10  
(73) **Innehaver:**  
ALSTOM Transport Technologies, 48 rue Albert  
Dhalenne93400 Saint-Ouen-sur Seine, FR-Frankrike
- (72) **Oppfinner:**  
Lugaro, Luigi, Via San Rocchetto 8912084 Mondovi, IT-  
Italia
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
ANTI-FIRE SAFETY SYSTEM FOR A VEHICLE HAVING  
HYDROGEN STORED ON BOARD, AND RELATED  
VEHICLE

- (51) **Klasse :** *F21S 8/08 (2006.01)*  
*F21V 5/00 (2018.01)*  
*F21V 5/08 (2006.01)*  
*F21V 7/00 (2006.01)*  
*F21V 15/01 (2006.01)*  
*F21V 19/00 (2006.01)*  
*F21V 21/116 (2006.01)*  
*F21V 31/00 (2006.01)*  
*F21W 131/103 (2006.01)*  
*F21Y 105/10 (2016.01)*  
*F21Y 105/12 (2016.01)*  
*F21Y 115/10 (2016.01)*
- (87) **EP Publ.nr:** EP3794276  
(86) **EP søkn.nr:** 19728578.6  
(86) **EP innl.dag:** 2019.05.17  
(87) **EP publ.dag:** 2021.03.24  
(80) **EP meddelt :** 2022.07.20  
(30) **Prioritet:** 2018.05.18, DE, 102018004049  
(86) **Int.inndag :** 2019.05.17  
(86) **Int.søknadsnr :** PCT/EP2019/000157  
(73) **Innehaver:**  
Virant, Robert, Tacenska cesta 1111000 Ljubljana, SI-Slovenia
- (72) **Oppfinner:**  
Virant, Robert, Tacenska cesta 1111000 Ljubljana, SI-Slovenia
- (74) **Fullmektig:**  
Robert Virant, Tacenska cesta 111, 1000 LUBLJANA, Slovenia
- (54) **Benevnelse:**  
LED LIGHTING MODULE AND METHOD FOR PRODUCING SAME

- (51) **Klasse :** *F23C 99/00 (2006.01)*
- (87) **EP Publ.nr:** EP3827201  
(86) **EP søkn.nr:** 19742035.9  
(86) **EP innl.dag:** 2019.07.18  
(87) **EP publ.dag:** 2021.06.02  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2018.07.23, FR, 1856808  
(86) **Int.inndag :** 2019.07.18  
(86) **Int.søknadsnr :** PCT/EP2019/069366  
(73) **Innehaver:**  
IFP Energies nouvelles, 1 & 4 avenue de Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
TotalEnergies OneTech, La Défense 6 2 Place Jean Millier92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
BERTHOLIN, Stéphane, IFP Energies nouvelles1 & 4 avenue du Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
CLOUPET, Ann, IFP Energies nouvelles1 & 4 avenue du Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
GUILLOU, Florent, IFP Energies nouvelles1 & 4 avenue du Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
TILLAND, Airy, IFP Energies nouvelles1 & 4 avenue du Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
AMBLARD, Benjamin, IFP Energies nouvelles1 & 4 avenue du Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
TEBIANIAN, Sina, IFP Energies nouvelles1 & 4 avenue du Bois-Préau92852 Rueil-Malmaison Cedex, FR-Frankrike  
YAZDANPANAH, Mahdi, 0020 Rue Anfray76600 Le Havre, FR-Frankrike
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
CLC FACILITY COMPRISING A SOLID/SOLID SEPARATOR WITH MEANS FOR DISTRIBUTING A GAS-SOLID MIXTURE

- (51) **Klasse :** *F24C 15/10 (2006.01)*  
*F24C 11/00 (2006.01)*  
*F24C 15/20 (2006.01)*
- (87) **EP Publ.nr:** EP3428542  
(86) **EP søkn.nr:** 18182499.6  
(86) **EP innl.dag:** 2018.07.09  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2017.07.12, DE, 102017211964  
(73) **Innehaver:**  
Bruckbauer, Wilhelm, Marktplatz 21a83115 Neubeuern, DE-Tyskland
- (72) **Oppfinner:**  
Dessl, Christof, Neumauracherstrasse 416212 Maurach, AT-Østerrike
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
GAS HOB

- (51) **Klasse :** *F24F 1/0014 (2019.01)*  
*F24F 1/0033 (2019.01)*  
*F24F 5/00 (2006.01)*
- (87) **EP Publ.nr:** EP3887729  
(86) **EP søkn.nr:** 19831896.6  
(86) **EP innl.dag:** 2019.11.29  
(87) **EP publ.dag:** 2021.10.06  
(80) **EP meddelt :** 2022.10.19  
(30) **Prioritet:** 2018.11.29, IT, 201800010686  
(86) **Int.inndag :** 2019.11.29  
(86) **Int.søknadsnr :** PCT/IB2019/060332  
(73) **Innehaver:**  
AERMEC S.p.A., Via Roma 99637040 Bevilacqua (VR), IT-Italia
- (72) **Oppfinner:**  
RIELLO, Giordano, c/o AERMEC S.p.A. Via Roma, 99637040 Bevilacqua (VR), IT-Italia  
CAVALLO, Pierpaolo, c/o AERMEC S.p.A. Via Roma, 99637040 Bevilacqua (VR), IT-Italia  
FACCIO, Franco, c/o AERMEC S.p.A. Via Roma, 99637040 Bevilacqua (VR), IT-Italia
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
FAN COIL

- (51) **Klasse :** *F24F 13/20 (2006.01)*  
*F24F 12/00 (2006.01)*
- (87) **EP Publ.nr:** EP3450872  
(86) **EP søkn.nr:** 17189045.2  
(86) **EP innl.dag:** 2017.09.01  
(87) **EP publ.dag:** 2019.03.06  
(80) **EP meddelt :** 2022.08.17  
(73) **Innehaver:**  
Enervent Zehnder Oy, Kipinätie 106150 Porvoo, FI-Finland
- (72) **Oppfinner:**  
TUUTTI, Jari, Nietoontie 3707500 Askola, FI-Finland  
LALU, Tero, Ala-Säterinkatu 1906100 Porvoo, FI-Finland  
PALMGREN, Tom, Laulurastaantie 1106200 Porvoo, FI-Finland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
AIR SUPPLY DEVICE

- (51) **Klasse :** **G01K 11/32 (2021.01)**  
 (87) **EP Publ.nr:** EP3844466  
 (86) **EP søkn.nr:** 19801949.9  
 (86) **EP innl.dag:** 2019.10.03  
 (87) **EP publ.dag:** 2021.07.07  
 (80) **EP meddelt :** 2022.09.14  
 (30) **Prioritet:** 2018.10.08, FR, 1859319  
 (86) **Int.inndag :** 2019.10.03  
 (86) **Int.søknadsnr :** PCT/FR2019/052342  
 (73) **Innehaver:**  
 Commissariat à l'énergie atomique et aux énergies alternatives, Bâtiment le Ponant 25, rue Leblanc75015 Paris, FR-Frankrike  
 (72) **Oppfinner:**  
 ROUSSEL, Nicolas, 37 rue château Landon75010 PARIS, FR-Frankrike  
 COTILLARD, Romain, 23 résidence du prieuré78490 BAZOCHES SUR GUYONNE, FR-Frankrike  
 LAFFONT, Guillaume, 83 rue de Paris92190 MEUDON, FR-Frankrike  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 DEFORMATION-INSENSITIVE BRAGG GRATING TEMPERATURE SENSOR

- (51) **Klasse :** **G01N 21/39 (2006.01)**  
**G01J 1/04 (2006.01)**  
**G01J 3/02 (2006.01)**  
**G01J 3/28 (2006.01)**  
**G01J 3/42 (2006.01)**  
**G01J 3/44 (2006.01)**  
**G01N 21/3504 (2014.01)**  
**G01N 21/65 (2006.01)**  
 (87) **EP Publ.nr:** EP3218695  
 (86) **EP søkn.nr:** 15797779.4  
 (86) **EP innl.dag:** 2015.11.11  
 (87) **EP publ.dag:** 2017.09.20  
 (80) **EP meddelt :** 2022.09.21  
 (30) **Prioritet:** 2014.11.11, US, 201414538699  
 (86) **Int.inndag :** 2015.11.11  
 (86) **Int.søknadsnr :** PCT/US2015/060192  
 (73) **Innehaver:**  
 Endress+Hauser Optical Analysis, Inc., 371 Parkland PlazaAnn Arbor, MI 48103, US-USA  
 (72) **Oppfinner:**  
 LIU, Xiang, 11027 Arrow RouteRancho Cucamonga, CA 91730, US-USA  
 FEITISCH, Alfred, 11027 Arrow RouteRancho Cucamonga, CA 91730, US-USA  
 HELBLEY, Keith,Benjamin, 11027 Arrow RouteRancho Cucamonga, CA 91730, US-USA  
 TEDESCO, James, 11027 Arrow RouteRancho Cucamonga, CA 91730, US-USA  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
 (54) **Benevnelse:**  
 TARGET ANALYTE DETECTION AND QUANTIFICATION IN SAMPLE GASES WITH COMPLEX BACKGROUND COMPOSITIONS

- (51) **Klasse :** **G01N 33/68 (2006.01)**  
 (87) **EP Publ.nr:** EP3752838  
 (86) **EP søkn.nr:** 19709626.6  
 (86) **EP innl.dag:** 2019.02.15  
 (87) **EP publ.dag:** 2020.12.23  
 (80) **EP meddelt :** 2022.08.03  
 (30) **Prioritet:** 2018.02.16, DE, 102018103545  
 (86) **Int.inndag :** 2019.02.15  
 (86) **Int.søknadsnr :** PCT/EP2019/053869  
 (73) **Innehaver:**  
 Frost Diagnostika GmbH, Speyerer Strasse 7467166 Otterstadt, DE-Tyskland  
 (72) **Oppfinner:**  
 FROST, Gabriele, Wildentenweg 3467346 Speyer, DE-Tyskland  
 (74) **Fullmektig:**  
 Frost Diagnostika GmbH, Speyerer Strasse 74, 67166 OTTERSTADT, Tyskland  
 (54) **Benevnelse:**  
 METHOD FOR DETERMINING THE TOTAL HISTAMINE DEGRADATION CAPACITY IN BIOLOGICAL SAMPLES

- (51) **Klasse :** **G01S 7/00 (2006.01)**  
**G01S 13/90 (2006.01)**  
 (87) **EP Publ.nr:** EP3673287  
 (86) **EP søkn.nr:** 18752796.5  
 (86) **EP innl.dag:** 2018.07.25  
 (87) **EP publ.dag:** 2020.07.01  
 (80) **EP meddelt :** 2022.08.24  
 (30) **Prioritet:** 2017.08.24, US, 201715685349  
 (86) **Int.inndag :** 2018.07.25  
 (86) **Int.søknadsnr :** PCT/FI2018/050554  
 (73) **Innehaver:**  
 Iceye Oy, Maarintie 602150 Espoo, FI-Finland  
 (72) **Oppfinner:**  
 LAURILA, Pekka, Harjuviita 20-22 A602110 Espoo, FI-Finland  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (54) **Benevnelse:**  
 SYSTEM AND METHOD FOR TRANSMITTING INFORMATION FROM SYNTHETIC APERTURE RADAR SATELLITE TO CLIENT RECEIVER



(51) **Klasse :** *G01S 13/42 (2006.01)*  
*E21B 19/00 (2006.01)*  
*F16P 3/12 (2006.01)*  
*G01S 13/46 (2006.01)*  
*G01S 13/58 (2006.01)*  
*G01S 13/87 (2006.01)*  
*G01S 13/88 (2006.01)*  
*G01S 13/93 (2020.01)*

(87) **EP Publ.nr:** EP3794372  
(86) **EP søkn.nr:** 19725232.3  
(86) **EP innl.dag:** 2019.05.09  
(87) **EP publ.dag:** 2021.03.24  
(80) **EP meddelt :** 2022.08.17  
(30) **Prioritet:** 2018.05.15, IT, 201800005384  
(86) **Int.inndag :** 2019.05.09  
(86) **Int.søknadsnr :** PCT/IB2019/053803  
(73) **Innehaver:**  
Saipem S.p.A., Via Martiri di Cefalonia, 6720097 San Donato Milanese (Milano), IT-Italia

(72) **Oppfinner:**  
ALLARA, Paolo Mario Alessandro, c/o Saipem S.p.A., Via Martiri Di Cefalonia, 6720097 San Donato Milanese, Milano, IT-Italia  
SANSONE, Anna, c/o Saipem S.p.A., Via Martiri Di Cefalonia, 6720097 San Donato Milanese, Milano, IT-Italia

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

(54) **Benevnelse:**  
ANTI-COLLISION SYSTEM AND METHOD

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

(87) **EP Publ.nr:** EP3639065  
(86) **EP søkn.nr:** 18732726.7  
(86) **EP innl.dag:** 2018.06.15  
(87) **EP publ.dag:** 2020.04.22  
(80) **EP meddelt :** 2022.10.05  
(30) **Prioritet:** 2017.06.16, US, 201762520892 P  
2018.06.05, US, 201816000542

(86) **Int.inndag :** 2018.06.15  
(86) **Int.søknadsnr :** PCT/EP2018/065964  
(73) **Innehaver:**  
PGS Geophysical AS, P.O. Box 251 Lilleaker0216 OsloNorge

(72) **Oppfinner:**  
BEITZ, Manuel, Legal Department Petroleum Geo-Services, Inc. West Memorial Place 1 15375 Memorial Drive Suite 100Houston, TX 77079, US-USA  
STRAND, Christian, Legal Department Petroleum Geo-Services, Inc. West Memorial Place 1 15375 Memorial Drive Suite 100Houston, TX 77079, US-USA

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

(54) **Benevnelse:**  
SPATIAL DISTRIBUTION OF MARINE VIBRATORY SOURCES

(51) **Klasse :** *G06Q 10/08 (2012.01)*  
*B65G 1/04 (2006.01)*

(87) **EP Publ.nr:** EP3161751  
(86) **EP søkn.nr:** 15738285.4  
(86) **EP innl.dag:** 2015.06.24  
(87) **EP publ.dag:** 2017.05.03  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2014.06.25, GB, 201411254  
2015.04.15, GB, 201506364  
(86) **Int.inndag :** 2015.06.24  
(86) **Int.søknadsnr :** PCT/EP2015/064283  
(73) **Innehaver:**  
Ocado Innovation Limited, 1 Trident Place Mosquito WayHatfield, Hertfordshire AL10 9UL, GB-Storbritannia

(72) **Oppfinner:**  
LINDBO, Sverker, Ocado Innovation LimitedTitan Court3 Bishops SquareHatfield Business ParkHatfieldHerts AL10 9NE, GB-Storbritannia  
INGRAM-TEDD, Andrew John, Ocado Innovation LimitedTitan Court, 3 Bishops SquareHatfield Business ParkHatfield, HERTS AL109NE, GB-Storbritannia

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

(54) **Benevnelse:**  
ROBOTIC OBJECT HANDLING SYSTEM, DEVICE AND METHOD

(51) **Klasse :** *G16C 20/20 (2019.01)*

(87) **EP Publ.nr:** EP3948876  
(86) **EP søkn.nr:** 20733462.4  
(86) **EP innl.dag:** 2020.06.23  
(87) **EP publ.dag:** 2022.02.09  
(80) **EP meddelt :** 2022.09.21  
(30) **Prioritet:** 2019.06.24, EP, 19181932  
(86) **Int.inndag :** 2020.06.23  
(86) **Int.søknadsnr :** PCT/EP2020/067432  
(73) **Innehaver:**  
Evonik Operations GmbH, Rellinghauser Straße 1-1145128 Essen, DE-Tyskland

(72) **Oppfinner:**  
REIMANN, Ingolf, Albert-Schweitzer-Str. 1964354 Reinheim, DE-Tyskland  
REISING, Joachim, Julius-Echter-Str. 3263801 Kleinostheim, DE-Tyskland  
MÜLLER, Christoph, Mathildenstrasse 6663065 Offenbach am Main, DE-Tyskland

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

(54) **Benevnelse:**  
METHOD FOR PREDICTING A FEEDSTUFF AND/OR FEEDSTUFF RAW MATERIAL



- (51) **Klasse :** *H01M 10/04 (2006.01)*  
*C01B 32/158 (2017.01)*  
*C09D 5/00 (2006.01)*  
*C09D 5/24 (2006.01)*  
*C09D 7/40 (2018.01)*  
*C09D 201/00 (2006.01)*  
*H01G 11/28 (2013.01)*  
*H01G 11/78 (2013.01)*  
*H01M 4/02 (2006.01)*  
*H01M 4/66 (2006.01)*  
*H01M 50/531 (2021.01)*  
*H01M 50/534 (2021.01)*  
*H01M 50/536 (2021.01)*
- (87) **EP Publ.nr:** EP3550646  
(86) **EP søkn.nr:** 17875545.0  
(86) **EP innl.dag:** 2017.11.29  
(87) **EP publ.dag:** 2019.10.09  
(80) **EP meddelt :** 2022.09.28  
(30) **Prioritet:** 2016.12.02, JP, 2016235180  
(86) **Int.inndag :** 2017.11.29  
(86) **Int.søknadsnr :** PCT/JP2017/042749  
(73) **Innehaver:**  
Nissan Chemical Corporation, 5-1, Nihonbashi 2-chome  
Chuo-kuTokyo 103-6119, JP-Japan
- (72) **Oppfinner:**  
SHIBANO Yuki, c/o Materials Research  
LaboratoriesNISSAN CHEMICAL INDUSTRIES Ltd.488-6  
Suzumi-choFunabashi-shiChiba 274-0052, JP-Japan  
HATANAKA Tatsuya, c/o Materials Research  
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Suzumi-choFunabashi-shiChiba 274-0052, JP-Japan  
YOSHIMOTO Takuji, c/o Materials Research  
LaboratoriesNISSAN CHEMICAL INDUSTRIES Ltd.488-6  
Suzumi-choFunabashi-shiChiba 274-0052, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
UNDERCOAT LAYER FOR ENERGY STORAGE DEVICE,  
AND UNDERCOAT FOIL FOR ENERGY STORAGE  
DEVICE ELECTRODE

- (51) **Klasse :** *H02J 3/38 (2006.01)*  
*H02J 3/14 (2006.01)*  
*H02J 13/00 (2006.01)*
- (87) **EP Publ.nr:** EP3446393  
(86) **EP søkn.nr:** 17727165.7  
(86) **EP innl.dag:** 2017.05.24  
(87) **EP publ.dag:** 2019.02.27  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2016.06.17, DE, 102016210885  
(86) **Int.inndag :** 2017.05.24  
(86) **Int.søknadsnr :** PCT/EP2017/062494  
(73) **Innehaver:**  
Siemens Mobility GmbH, Otto-Hahn-Ring 681739  
München, DE-Tyskland
- (72) **Oppfinner:**  
BIANCHI, Roberto, Dompropststraße 6891056 Erlangen,  
DE-Tyskland  
SCHMID, Otto, Dechsendorfer Str. 25 A91341 Röttenbach,  
DE-Tyskland
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR CONTROLLING AN ENERGY FLOW IN  
AN ENERGY NETWORK HAVING A PLURALITY OF  
USERS

- (51) **Klasse :** *H02K 15/02 (2006.01)*
- (87) **EP Publ.nr:** EP3586432  
(86) **EP søkn.nr:** 18758288.7  
(86) **EP innl.dag:** 2018.02.15  
(87) **EP publ.dag:** 2020.01.01  
(80) **EP meddelt :** 2022.10.26  
(30) **Prioritet:** 2017.02.21, US, 201715437612  
(86) **Int.inndag :** 2018.02.15  
(86) **Int.søknadsnr :** PCT/US2018/018292  
(73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine  
WestfieldHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
HUBER, Witali, 17021 Aldine WestfieldHouston, Texas  
77073, US-USA  
MICHAELIS, Gunnar, 17021 Aldine WestfieldHouston,  
Texas 77073, US-USA  
HOHL, Carsten, 17021 Aldine WestfieldHouston, Texas  
77073, US-USA  
BARTSCHERER, Erik, 17021 Aldine WestfieldHouston,  
Texas 77073, US-USA  
GRIMMER, Harald, 17021 Aldine WestfieldHouston, Texas  
77073, US-USA  
FULDA, Christian, 17021 Aldine WestfieldHouston, Texas  
77073, US-USA  
FISCHER, Dorothea Marion, 17021 Aldine  
WestfieldHouston, Texas 77073, US-USA  
REGENER, Thorsten, 17021 Aldine WestfieldHouston,  
Texas 77073, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
METHOD OF FORMING STATORS FOR DOWNHOLE  
MOTORS

- (51) **Klasse :** *H04M 3/42 (2006.01)*  
*H04L 65/1016 (2022.01)*  
*H04L 65/1069 (2022.01)*  
*H04L 65/401 (2022.01)*  
*H04W 4/16 (2009.01)*  
*H04W 12/02 (2009.01)*
- (87) **EP Publ.nr:** EP3595262  
(86) **EP søkn.nr:** 19182828.4  
(86) **EP innl.dag:** 2019.06.27  
(87) **EP publ.dag:** 2020.01.15  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2018.07.10, FI, 20185636  
(73) **Innehaver:**  
Telia Company AB, Stjärntorget 1169 94 Solna, SE-Sverige
- (72) **Oppfinner:**  
SEPPÄNEN, Juho, Talontie 8 a 400320 HELSINKI, FI-  
Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
MANAGEMENT OF SUBSCRIBER IDENTITY IN SERVICE  
PROVISION

- (51) **Klasse :** *H04N 19/117 (2014.01)*  
*H04N 19/11 (2014.01)*  
*H04N 19/157 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/82 (2014.01)*
- (87) **EP Publ.nr.:** EP3879826  
(86) **EP søkn.nr.:** 21172288.9  
(86) **EP innl.dag:** 2018.01.05  
(87) **EP publ.dag:** 2021.09.15  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2017.05.31, US, 201762512737 P  
(73) **Innehaver:**  
LG Electronics Inc., 128, Yeoui-daero Yeongdeungpo-guSeoul 07336, KR-Sør-Korea
- (72) **Oppfinner:**  
YOO, Sunmi, 06772 Seoul, KR-Sør-Korea  
LEE, Jaeho, 06772 Seoul, KR-Sør-Korea  
CHOI, Jangwon, 06772 Seoul, KR-Sør-Korea  
SEO, Jungdong, 06772 Seoul, KR-Sør-Korea  
HEO, Jin, 06772 Seoul, KR-Sør-Korea
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND DEVICE FOR PERFORMING IMAGE DECODING ON BASIS OF INTRA PREDICTION IN IMAGE CODING SYSTEM

- (51) **Klasse :** *H04N 19/52 (2014.01)*
- (87) **EP Publ.nr.:** EP2672710  
(86) **EP søkn.nr.:** 12829566.4  
(86) **EP innl.dag:** 2012.09.06  
(87) **EP publ.dag:** 2013.12.11  
(80) **EP meddelt :** 2022.10.26  
(30) **Prioritet:** 2011.09.09, KR, 20110091782  
2012.04.17, KR, 20120039501
- (86) **Int.inndag :** 2012.09.06  
(86) **Int.søknadsnr :** PCT/KR2012/007174  
(73) **Innehaver:**  
KT Corporation, 90 Buljeong-ro Bundang-guSeongnam-city, Kyeonggi-do 463-711, KR-Sør-Korea
- (72) **Oppfinner:**  
LEE, Bae Keun, 126-1203 JangmiMaeul Dongbu Kolon Apt. Yatap-dong Bundang-guSeongnam-si Gyeonggi-do 463-788, KR-Sør-Korea  
KWON, Jae Cheol, 108-901 Sejong Apt. Jeonmin-dong Yuseong-guDaejeon 305-728, KR-Sør-Korea  
KIM, Joo Young, 126-1203 JangmiMaeul Dongbu Kolon Apt. Yatap-dong Bundang-guSeongnam-si Gyeonggi-do 463-788, KR-Sør-Korea
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR DERIVING A TEMPORAL PREDICTIVE MOTION VECTOR, AND APPARATUS USING THE METHOD

- (51) **Klasse :** *H04N 19/537 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/52 (2014.01)*
- (87) **EP Publ.nr.:** EP3700216  
(86) **EP søkn.nr.:** 19859025.9  
(86) **EP innl.dag:** 2019.09.10  
(87) **EP publ.dag:** 2020.08.26  
(80) **EP meddelt :** 2022.08.03  
(30) **Prioritet:** 2018.09.10, US, 201862729407 P  
(86) **Int.inndag :** 2019.09.10  
(86) **Int.søknadsnr :** PCT/KR2019/011733  
(73) **Innehaver:**  
LG Electronics Inc., 128, Yeoui-daero, Yeongdeungpo-gu,SEOUL, 07336, KR-Sør-Korea
- (72) **Oppfinner:**  
LEE, Jaeho, IP Center, LG Electronics Inc. 19, Yangjae-daero 11-gil Seocho-guSeoul 06772, KR-Sør-Korea
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
AFFINE MOTION PREDICTION-BASED IMAGE CODING USING AFFINE MVP CANDIDATE LIST

- (51) **Klasse :** *H04N 21/2343 (2011.01)*  
*H04N 19/70 (2014.01)*  
*H04N 19/85 (2014.01)*  
*H04N 19/98 (2014.01)*  
*H04N 21/236 (2011.01)*  
*H04N 21/434 (2011.01)*  
*H04N 21/4402 (2011.01)*
- (87) **EP Publ.nr.:** EP3687177  
(86) **EP søkn.nr.:** 20164484.6  
(86) **EP innl.dag:** 2015.11.27  
(87) **EP publ.dag:** 2020.07.29  
(80) **EP meddelt :** 2022.09.07  
(30) **Prioritet:** 2015.11.09, JP, 2015219859  
2014.12.03, US, 201462087035 P
- (73) **Innehaver:**  
Panasonic Intellectual Property Management Co., Ltd., 1-61, Shiromi 2-chome Chuo-kuOsaka-shi, Osaka 540-6207, JP-Japan
- (72) **Oppfinner:**  
DRUGEON, Virginie, c/o Panasonic AVC Langen Development CentreMonzastrasse 4C63225 Langen, DE-Tyskland  
NISHI, Takahiro, c/o Panasonic Intellectual Property Management Co., Ltd.1-61, Shiromi 2-chomeChuo-ku,Osaka-shi, Osaka 540-6207, JP-Japan  
TOMA, Tadamasu, c/o Panasonic Intellectual Property Management Co., Ltd.1-61, Shiromi 2-chomeChuo-ku,Osaka-shi, Osaka 540-6207, JP-Japan
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
DATA GENERATION DEVICE

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

- (51) **Klasse :** *A61M 5/32 (2006.01)*  
*A61M 5/20 (2006.01)*  
*A61M 5/31 (2006.01)*  
*A61M 5/315 (2006.01)*
- (87) **EP Publ.nr.:** EP3226944
- (86) **EP søkn.nr.:** 15813198.7
- (86) **EP innl.dag:** 2015.12.01
- (87) **EP publ.dag:** 2017.10.11
- (80) **EP meddelt :** 2019.06.12
- (30) **Prioritet:** 2014.12.03, US, 201462086937 P
- (86) **Int.inndag:** 2015.12.01
- (86) **Int.søknadsnr:** PCT/US2015/063176
- (73) **Innehaver:**  
Eli Lilly and Company, Lilly Corporate CenterIndianapolis,  
IN 46285, US-USA
- (72) **Oppfinner:**  
ATTERBURY, William G., c/o Eli Lilly and CompanyP.O.  
Box 6288Indianapolis, IN 46206-6288, US-USA  
HASSENPFUG, Eric Gustin, c/o Eli Lilly and  
CompanyP.O. Box 6288Indianapolis, IN 46206-6288, US-  
USA  
LAFEVER, Mark, c/o Eli Lilly and CompanyP.O. Box  
6288Indianapolis, IN 46206-6288, US-USA  
MADLAND, Steven Michael, c/o Eli Lilly and CompanyP.O.  
Box 6288Indianapolis, IN 46206-6288, US-USA  
MCKENZIE, Christopher Paul, c/o Eli Lilly and  
CompanyP.O. Box 6288Indianapolis, IN 46206-6288, US-  
USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
NEEDLE SHIELD PULLER CAP ASSEMBLY
-

## Innsigelser mot patent

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

(51) **Klasse:** *E21B 33/134 (2006.01)*  
*E21B 33/10 (2006.01)*  
*E21B 47/005 (2012.01)*  
*E21B 23/06 (2006.01)*  
*E21B 27/02 (2006.01)*

(11) **Patentnr:** 346135

(21) **Søknadsnr:** 20201359

(45) **Møddelt:** 2022.03.14

(73) **Innehaver:**  
ARCHER OILTOOLS AS, Postboks 8037, 4068  
STAVANGER, Norge  
**Innehavers fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059, BERGEN, NO  
**Innsiger:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068,  
STAVANGER, NO  
**Innsigelsesdato:** 2022.12.12

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## Avgjørelser i innsigelser jf. Patentloven § 25

- (51) **Klasse:** **A63C 11/02 (2006.01)**  
**A63C 11/04 (2006.01)**
- (11) **Patentnr:** **341731**
- (21) **Søknadsnr:** 20160588
- (45) **Meddelt:** 2018.01.15
- (73) **Innehaver:**  
HAPPYNORWEGIAN AS, Aslakveien 26 C, 0753 OSLO,  
Norge
- Innsiger:**  
BRAV NORWAY AS, Postboks 113 Kjelsås, 0411, OSLO,  
NO
- Innsigers fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123, OSLO, NO
- Avgjørelse:**  
Patent nr. 341731 oppheves.
-

## Korrigeret patentskrift

I følgende patentsak er det laget korrigeret patentskrift B1.

- (51) **Klasse:** *E21B 43/10 (2006.01)*  
(11) **Patentnr:** **346688**  
(21) **Søknadsnr:** 20130525  
(22) **Inng.dag:** 2013.04.17  
(24) **Løpedag:** 2011.09.27  
(41) **Allm.tilg.dag:** 2013.04.23  
(45) **Meddelt:** 2022.11.21  
(73) **Innehaver:**  
Baker Hughes, a GE company, LLC, P.O. Box 1407,  
TX77073-5114, HOUSTON, US  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161, OSLO, NO  
(72) **Oppfinner:**  
Mark K Adam, 1036 Algregg Street, TX77009, HOUSTON,  
US  
Joerg Lehr, Riethkamp 44, 29229, CELLE, DE  
Keven O'Connor, 901 E 24th Street, TX77009,  
HOUSTON, US  
Ines Gruetzmann, Braunsberger Str. 27, 31275, LEHRTE-  
ARPKE, DE  
(54) **Benevnelse:**  
Nedpumpings-ekspander-ekspansjonsfremgangsmåte
-



## Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

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

(11) **Patent nr.:** NO/EP2387890  
(21) **Søknadsnr:** EP2387890  
(73) **Innehaver:** Körber Technologies GmbH, Kurt-A.-  
Körber-Chaussee 8-32, 21033  
HAMBURG, Tyskland  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.30

(11) **Patent nr.:** NO/EP3305285  
(21) **Søknadsnr:** EP3305285  
(73) **Innehaver:** Aragon Pharmaceuticals, Inc., 10990  
Wilshire Blvd. Suite 440, CA90024 LOS  
ANGELES, USA  
(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.16

(11) **Patent nr.:** NO/EP3482767  
(21) **Søknadsnr:** EP3482767  
(73) **Innehaver:** Icahn School of Medicine at Mount Sinai,  
One Gustave L. Levy Place, NY10029  
NEW YORK, USA  
Genzyme Corporation, 450 Water Street,  
MA02141 CAMBRIDGE, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.14

(11) **Patent nr.:** NO/EP3355933  
(21) **Søknadsnr:** EP3355933  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8,  
Doshomachi 2-chome, Chuo-ku, 541-  
0045 OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP2406060  
(21) **Søknadsnr:** EP2406060  
(73) **Innehaver:** SFL Canusa Canada Ltd., 333 Bay  
Street, Suite 2400, ONM5H2T  
TORONTO, Canada  
(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge  
**Melding innkommet patentstyret:**  
2022.10.19

(11) **Patent nr.:** NO/EP2640637  
(21) **Søknadsnr:** EP2640637  
(73) **Innehaver:** G-NIUS Holding & Investment AG,  
Stauffacherstrasse 36, 8200  
SCHAFFHAUSEN, Sveits  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.28

(11) **Patent nr.:** NO/EP3372585  
(21) **Søknadsnr:** EP3372585  
(73) **Innehaver:** Aragon Pharmaceuticals, Inc., 10990  
Wilshire Blvd. Suite 440, CA90024 LOS  
ANGELES, USA  
(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.16

(11) **Patent nr.:** NO/EP3348547  
(21) **Søknadsnr:** EP3348547  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8,  
Doshomachi 2-chome, Chuo-ku, 541-  
0045 OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP2380881  
(21) **Søknadsnr:** EP2380881  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8,  
Doshomachi 2-chome, Chuo-ku, 541-  
0045 OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP2850067  
(21) **Søknadsnr:** EP2850067  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8,  
Doshomachi 2-chome, Chuo-ku, 541-  
0045 OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(21) **Søknadsnr:** 2021046  
(71) **Søker:**  
Sloan Kettering Institute For Cancer Research, 1275 York Avenue, NY10065 NEW YORK, USA  
Aragon Pharmaceuticals, Inc., 10990 Wilshire Blvd. Suite 440, CA90024 LOS ANGELES, USA  
(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.16

(11) **Patent nr.:** NO/EP3533792  
(21) **Søknadsnr:** EP3533792  
(73) **Innehaver:** Sloan Kettering Institute For Cancer Research, 1275 York Avenue, NY10065 NEW YORK, USA  
Aragon Pharmaceuticals, Inc., 10990 Wilshire Blvd. Suite 440, CA90024 LOS ANGELES, USA  
(74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.16

(11) **Patent nr.:** NO/EP2563790  
(21) **Søknadsnr:** EP2563790  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8, Doshomachi 2-chome, Chuo-ku, 541-0045 OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP3083671  
(21) **Søknadsnr:** EP3083671  
(73) **Innehaver:** Fred Hutchinson Cancer Center, 1100 Fairview Avenue North, WA98109 SEATTLE, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.12.02

(11) **Patent nr.:** NO/EP2884999  
(21) **Søknadsnr:** EP2884999  
(73) **Innehaver:** Fred Hutchinson Cancer Center, 1100 Fairview Avenue North, WA98109 SEATTLE, USA  
Seattle Children's Hospital, dba Seattle Children's Research Institute, 1900 9th Avenue, WA98101 SEATTLE, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.12.02

(11) **Patent nr.:** NO/EP3430038  
(21) **Søknadsnr:** EP3430038  
(73) **Innehaver:** Fred Hutchinson Cancer Center, 1100 Fairview Avenue North, WA98109 SEATTLE, USA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.12.02

(11) **Patent nr.:** NO/EP3211071  
(21) **Søknadsnr:** EP3211071  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8, Doshomachi 2-chome, Chuo-ku, 541-0045 OSAKA-SHI, OSAKA, Japan  
Sumitomo Chemical Company, Limited, 27-1, Shinkawa 2-chome Chuo-ku, 104-8260 TOKYO, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP3211071  
(21) **Søknadsnr:** EP3211071  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8, Doshomachi 2-chome, Chuo-ku, 541-0045 OSAKA-SHI, OSAKA, Japan  
Sumitomo Chemical Company, Limited, 27-1, Shinkawa 2-chome Chuo-ku, 104-8260 TOKYO, Japan  
RIKEN, 2-1, Hirosawa, 351-0198 WAKO-SHISAITAMA, Japan  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP3548666  
(21) **Søknadsnr:** EP3548666  
(73) **Innehaver:** Jan Arne Longva, Øvstevegen 124, 6293 LONGVA, Norge  
**Melding innkommet patentstyret:**  
2022.11.10

(11) **Patent nr.:** NO/EP2681405  
(21) **Søknadsnr:** EP2681405  
(73) **Innehaver:** Contrivance Systems, Inc., 2910 Mid Lane, TX77027 HOUSTON, USA  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
**Melding innkommet patentstyret:**  
2022.11.30

(11) **Patent nr.:** NO/EP2681405  
(21) **Søknadsnr:** EP2681405  
(73) **Innehaver:** Dora Fulton Akkerman, 2910 Mid Lane, TX77027 HOUSTON, USA  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
**Melding innkommet patentstyret:**  
2022.11.30

(11) **Patent nr.:** NO/EP2681405  
(21) **Søknadsnr:** EP2681405  
(73) **Innehaver:** Contrivance Systems, Inc., 2910 Mid Lane, TX77027 HOUSTON, USA  
John Barton, 3203 Fisher Ct., TX76001 ARLINGTON, USA  
  
(74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
**Melding innkommet patentstyret:**  
2022.11.30

(21) **Søknadsnr:** 20151632  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.12.01

(11) **Patent nr.:** NO/EP3330480  
(21) **Søknadsnr:** EP3330480  
(73) **Innehaver:** Vorpai Energy Solutions, LLC, Westheimer Boulevard Suite 1014, TX77056 HOUSTON, USA  
NexTier Completion Solutions Inc., 3990 Rogerdale, TX77042 HOUSTON, USA  
  
(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2022.11.29

(11) **Patent nr.:** NO/EP3169869  
(21) **Søknadsnr:** EP3169869  
(73) **Innehaver:** Vorpai Energy Solutions, LLC, Westheimer Boulevard Suite 1014, TX77056 HOUSTON, USA  
NexTier Completion Solutions Inc., 3990 Rogerdale, TX77042 HOUSTON, USA  
  
(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2022.11.29

(11) **Patent nr.:** NO/EP3058262  
(21) **Søknadsnr:** EP3058262  
(73) **Innehaver:** SFL Canusa Canada Ltd., 333 Bay Street, Suite 2400, ONM5H2T TORONTO, Canada  
  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.10.19

(11) **Patent nr.:** NO/EP2660600  
(21) **Søknadsnr:** EP2660600  
(73) **Innehaver:** Sumitomo Pharma Co., Ltd., 6-8, Doshomachi 2-chome, Chuo-ku, 541-0045 OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.15

(11) **Patent nr.:** NO/EP2883189  
(21) **Søknadsnr:** EP2883189  
(73) **Innehaver:** JUMIO CORPORATION, 395 Page Mill Road, Suite 150, CA94306 PALO ALTO, USA  
  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.29

(11) **Patent nr.:** NO/EP2840605  
(21) **Søknadsnr:** EP2840605  
(73) **Innehaver:** Ancora Semiconductors Inc., 6F., No. 252, Shanying Rd., Guishan Dist., TAOYUAN CITY 333, Taiwan  
  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.16

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

- (21) **Søknadsnr:** 20081272
- (21) **Søknadsnr:** 20131441
- (21) **Søknadsnr:** 20141519
- (21) **Søknadsnr:** 20160373
- (21) **Søknadsnr:** 20170752
- (21) **Søknadsnr:** 20170927
- (21) **Søknadsnr:** 20180212
- (21) **Søknadsnr:** 20200114
- (21) **Søknadsnr:** 20200775
- (21) **Søknadsnr:** 20201189
- (21) **Søknadsnr:** 20201445
- (21) **Søknadsnr:** 20210034

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

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

(21) **Søknadsnr:** 2022057  
 (22) **Inng.dag:** 2022.12.13  
 (22) **Inng.dag basispatent:** 2019.11.25  
 (11) **Basispatent nr:** 344399  
 (24) **Løpedag:** 2007.11.19  
 (73) **Innehaver:** Incyte Holdings Corporation  
 (74) **Fullmektig:** ZACCO NORWAY AS,  
 Postboks 488, 0213 OSLO,  
 Norge  
 (95) **Produkt:** Capmatinib or a  
 pharmaceutically acceptable  
 salt thereof  
 (94) **Gyldig t.om:** 01/01/0001  
 (92) **NO markedsførings-**  
**tillatelse nr:** EU/1/22/1650  
 (92) **Dato for samme:** 2022.07.05  
 (93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/22/1650  
 (93) **Dato for samme:** 2022.06.21  
 (54) **Benevnelse:** Imidazotriaziner og  
 imidazopyrimidiner som  
 kinaseinhibitorer

(21) **Søknadsnr:** 2022056  
 (22) **Inng.dag:** 2022.12.09  
 (22) **Inng.dag basispatent:** 2008.01.18  
 (11) **Basispatent nr:** NO/EP2121713  
 (24) **Løpedag:** 2008.01.18  
 (73) **Innehaver:** Genzyme Corporation  
 (74) **Fullmektig:** ZACCO NORWAY AS,  
 Postboks 488, 0213 OSLO,  
 Norge  
 (95) **Produkt:** avalglucosidase alfa  
 (94) **Gyldig t.om:** 01/01/0001  
 (92) **NO markedsførings-**  
**tillatelse nr:** EU/1/21/1579  
 (92) **Dato for samme:** 2022.07.04  
 (93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/21/1579  
 (93) **Dato for samme:** 2022.06.27  
 (54) **Benevnelse:** Oligosakkarider omfattende  
 en aminoosygruppe og  
 konjugater derav

(21) **Søknadsnr:** 2022055  
 (22) **Inng.dag:** 2022.12.09  
 (22) **Inng.dag basispatent:** 2008.09.09  
 (11) **Basispatent nr:** NO/EP2205635  
 (24) **Løpedag:** 2008.09.09  
 (73) **Innehaver:** Amgen Inc.  
 (74) **Fullmektig:** ZACCO NORWAY AS,  
 Postboks 488, 0213 OSLO,  
 Norge  
 (95) **Produkt:** tezepelumab  
 (94) **Gyldig t.om:** 01/01/0001  
 (92) **NO markedsførings-**  
**tillatelse nr:** EU/1/22/1677  
 (92) **Dato for samme:** 2022.09.26  
 (93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/22/1677  
 (93) **Dato for samme:** 2022.09.20  
 (54) **Benevnelse:** ANTIGEN BINDING  
 PROTEINS CAPABLE OF  
 BINDING THYMIC  
 STROMAL  
 LYMPHOPOIETIN

## Meddelte supplerende beskyttelsessertifikater for legemidler (spc)

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

(21) **Søknadsnr:** 2021008  
(22) **Inng.dag:** 2021.02.22  
(22) **Inng.dag basispatent:** 2002.08.29  
(11) **Basispatent nr:** 325443  
(24) **Løpedag:** 2001.02.26  
(73) **Innehaver:** AstraZeneca AB  
(74) **Fullmektig:** ZACCO NORWAY AS,  
Postboks 488, 0213 OSLO,  
Norge  
(95) **Produkt:** fedratinib eller et  
farmasøytisk akseptabelt salt  
derav  
(94) **Gyldig t.om:** 2026.02.26  
(92) **NO markedsførings-**  
**tillatelse nr:** EU/1/20/1514  
(92) **Dato for samme:** 2021.02.11  
(93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/20/1514  
(93) **Dato for samme:** 2021.02.09  
(54) **Benevnelse:** Pyrimidinderivater,  
fremgangsmåte for  
fremstilling av slike,  
farmasøytiske preparater  
inneholdende disse, disse  
forbindelsene anvendt i  
terapeutisk behandling samt  
anvendelse av disse for  
fremstilling av medikament  
for behandling av  
sykdommer

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(21) **Søknadsnr:** 2021016  
(22) **Inng.dag:** 2021.04.09  
(22) **Inng.dag basispatent:** 2012.07.11  
(11) **Basispatent nr:** NO/EP2734522  
(24) **Løpedag:** 2012.07.11  
(73) **Innehaver:** Merck Sharp & Dohme B.V.  
(74) **Fullmektig:** ZACCO NORWAY AS,  
Postboks 488, 0213 OSLO,  
Norge  
(95) **Produkt:** akalabrutinib  
(94) **Gyldig t.om:** 2035.11.06  
(92) **NO markedsførings-**  
**tillatelse nr:** EU/1/20/1479  
(92) **Dato for samme:** 2020.11.11  
(93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/20/1479  
(93) **Dato for samme:** 2020.11.06  
(54) **Benevnelse:** 4-IMIDAZOPYRIDAZIN-1-  
YL-BENZAMIDES AND 4-  
IMIDAZOTRIAZIN-1-YL-  
BENZAMIDES AS BTK-  
INHIBITORS

---

## Endring i fullmaktsforhold

- (21) **Søknadsnr:** 20190786  
(71) **Søker:**  
Optical Saver Technologies S.A.P.I. de C.V., Autopista  
México-Querétaro, Km 37.5, Nave 24, Complejo Industrial  
Cuamatla Estado De México, 54730 MEXICO, Mexico  
(74) **Fullmektig:**  
INNOVATICA AS, Åregjerdet 18, 6030 LANGEVÅG, Norge  
**Melding innkommet patentstyret:**  
2022.11.25
- 

- (21) **Søknadsnr:** 20210607  
(71) **Søker:**  
PROCARBON BIO AB, Viktoriagatan 3, 44133 ALINGSÅS,  
Sverige  
(74) **Fullmektig:**  
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2022.11.30
- 

- (11) **Patentnr:** NO/EP2840605  
(21) **Søknadsnr:** EP2840605  
(73) **Innehaver:**  
Ancora Semiconductors Inc., 6F., No. 252, Shanying Rd.,  
Guishan Dist., TAOYUAN CITY 333, Taiwan  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.11.16
- 

- (11) **Patentnr:** NO/EP3548666  
(21) **Søknadsnr:** EP3548666  
(73) **Innehaver:**  
Jan Arne Longva, Øvstevegen 124, 6293 LONGVA, Norge  
**Melding innkommet patentstyret:**  
2022.11.10
-



## Oversettelse av krav i europeiske søknader (a1)

I følgende europeiske søknader er det innlevert oversettelse av publiserte krav på norsk.

(51) **Klasse :** *E21B 21/10 (2006.01)*  
*E21B 17/14 (2006.01)*  
*E21B 33/127 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 43/10 (2006.01)*

(87) **EP Publ.nr.:** EP3803031  
(86) **EP søkn.nr.r:** 19727396.4  
(86) **EP innl.dag:** 2019.05.29  
(87) **EP publ.dag:** 2021.04.14  
(30) **Prioritet:** 2018.05.30, EP, 18175167  
(86) **Int.inndag :** 2019.05.29  
(86) **Int.søknadsnr :** PCT/EP2019/063904  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug, CH-Sveits

(72) **Oppfinner:**  
KRÆMER, Jon, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
DOWNHOLE COMPLETION SYSTEM

(51) **Klasse :** *E21B 23/02 (2006.01)*  
*E21B 33/128 (2006.01)*  
*E21B 33/134 (2006.01)*  
*E21B 43/10 (2006.01)*

(87) **EP Publ.nr.:** EP3724442  
(86) **EP søkn.nr.r:** 18826979.9  
(86) **EP innl.dag:** 2018.12.11  
(87) **EP publ.dag:** 2020.10.21  
(30) **Prioritet:** 2017.12.12, EP, 17206810  
2018.05.30, EP, 18175170

(86) **Int.inndag :** 2018.12.11  
(86) **Int.søknadsnr :** PCT/EP2018/084275  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug, CH-Sveits

(72) **Oppfinner:**  
KRÆMER, Jon, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
ABANDONMENT PLUG AND PLUG AND  
ABANDONMENT SYSTEM

(51) **Klasse :** *E21B 29/00 (2006.01)*  
*E21B 29/08 (2006.01)*  
*E21B 33/127 (2006.01)*

(87) **EP Publ.nr.:** EP3908732  
(86) **EP søkn.nr.r:** 20700152.0  
(86) **EP innl.dag:** 2020.01.07  
(87) **EP publ.dag:** 2021.11.17  
(30) **Prioritet:** 2019.01.08, EP, 19150862  
2019.10.03, EP, 19201290

(86) **Int.inndag :** 2020.01.07  
(86) **Int.søknadsnr :** PCT/EP2020/050154  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug, CH-Sveits

(72) **Oppfinner:**  
KRÜGER, Christian, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
DOWNHOLE METHOD

(51) **Klasse :** *E21B 33/12 (2006.01)*  
*E21B 33/127 (2006.01)*

(87) **EP Publ.nr.:** EP3874120  
(86) **EP søkn.nr.r:** 19794561.1  
(86) **EP innl.dag:** 2019.10.29  
(87) **EP publ.dag:** 2021.09.08  
(30) **Prioritet:** 2018.10.30, EP, 18203278  
(86) **Int.inndag :** 2019.10.29  
(86) **Int.søknadsnr :** PCT/EP2019/079456  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug, CH-Sveits

(72) **Oppfinner:**  
VASQUES, Ricardo, Reves, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits  
KUMAR, Satish, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
ANNULAR BARRIER

(51) **Klasse :** *E21B 33/12 (2006.01)*  
*E21B 33/127 (2006.01)*  
*E21B 34/10 (2006.01)*

(87) **EP Publ.nr.:** EP3918178  
(86) **EP søkn.nr.r:** 20701654.4  
(86) **EP innl.dag:** 2020.01.30  
(87) **EP publ.dag:** 2021.12.08  
(30) **Prioritet:** 2019.01.31, EP, 19154885  
(86) **Int.inndag :** 2020.01.30  
(86) **Int.søknadsnr :** PCT/EP2020/052342  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug, CH-Sveits

(72) **Oppfinner:**  
KUMAR, Satish, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
ANNULAR BARRIER WITH A VALVE SYSTEM

(51) **Klasse :** *E21B 33/124 (2006.01)*  
*E21B 23/06 (2006.01)*  
*E21B 29/10 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/128 (2006.01)*  
*E21B 34/06 (2006.01)*

(87) **EP Publ.nr.:** EP3775477  
(86) **EP søkn.nr.r:** 19717306.5  
(86) **EP innl.dag:** 2019.04.10  
(87) **EP publ.dag:** 2021.02.17  
(30) **Prioritet:** 2018.04.11, EP, 18166738  
2018.04.23, EP, 18168710

(86) **Int.inndag :** 2019.04.10  
(86) **Int.søknadsnr :** PCT/EP2019/059066  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits

(72) **Oppfinner:**  
BÅRDSEN, Johnny, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits  
STRØMSVIK, Frode, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
DOWNHOLE STRADDLE SYSTEM

(51) **Klasse :** *E21B 33/124 (2006.01)*  
*E21B 33/127 (2006.01)*

(87) **EP Publ.nr.:** EP3891357  
(86) **EP søkn.nr.r:** 19812998.3  
(86) **EP innl.dag:** 2019.12.03  
(87) **EP publ.dag:** 2021.10.13  
(30) **Prioritet:** 2018.12.04, EP, 18210212  
(86) **Int.inndag :** 2019.12.03  
(86) **Int.søknadsnr :** PCT/EP2019/083407  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits

(72) **Oppfinner:**  
VASQUES, Ricardo Reves, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits  
PRASAD, Bala, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
ANNULAR BARRIER WITH VALVE UNIT

(51) **Klasse :** *E21B 33/124 (2006.01)*  
*E21B 33/127 (2006.01)*

(87) **EP Publ.nr.:** EP4028634  
(86) **EP søkn.nr.r:** 20768346.7  
(86) **EP innl.dag:** 2020.09.10  
(87) **EP publ.dag:** 2022.07.20  
(30) **Prioritet:** 2019.09.11, EP, 19196832  
(86) **Int.inndag :** 2020.09.10  
(86) **Int.søknadsnr :** PCT/EP2020/075361  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits

(72) **Oppfinner:**  
VASQUES, Ricardo Reves, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
ANNULAR BARRIER SYSTEM

(51) **Klasse :** *E21B 33/127 (2006.01)*

(87) **EP Publ.nr.:** EP3743593  
(86) **EP søkn.nr.r:** 19701357.6  
(86) **EP innl.dag:** 2019.01.24  
(87) **EP publ.dag:** 2020.12.02  
(30) **Prioritet:** 2018.01.25, EP, 18153490  
(86) **Int.inndag :** 2019.01.24  
(86) **Int.søknadsnr :** PCT/EP2019/051702  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits

(72) **Oppfinner:**  
ANDERSEN, Tomas Sune, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
DOWNHOLE WIRELINE INTERVENTION TOOL

(51) **Klasse :** *E21B 33/127 (2006.01)*  
*E21B 33/14 (2006.01)*  
*E21B 43/10 (2006.01)*

(87) **EP Publ.nr.:** EP3746629  
(86) **EP søkn.nr.r:** 19702450.8  
(86) **EP innl.dag:** 2019.02.01  
(87) **EP publ.dag:** 2020.12.09  
(30) **Prioritet:** 2018.02.02, EP, 18154968  
(86) **Int.inndag :** 2019.02.01  
(86) **Int.søknadsnr :** PCT/EP2019/052485  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits

(72) **Oppfinner:**  
KRÆMER, Jon, c/o Welltec Oilfield Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
COMPLETION METHOD AND COMPLETION SYSTEM

(51) **Klasse :** *E21B 33/127 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 47/12 (2012.01)*

(87) **EP Publ.nr.:** EP3810888  
(86) **EP søkn.nr.r:** 19731989.0  
(86) **EP innl.dag:** 2019.06.18  
(87) **EP publ.dag:** 2021.04.28  
(30) **Prioritet:** 2018.06.19, EP, 18178567  
(86) **Int.inndag :** 2019.06.18  
(86) **Int.søknadsnr :** PCT/EP2019/066015  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits

(72) **Oppfinner:**  
NESGAARD, Carsten, c/o Welltec Oil Field Solutions AG  
Baarerstrasse 966300 Zug, CH-Sveits

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

(54) **Benevnelse:**  
DOWNHOLE TRANSFER SYSTEM

(51) **Klasse :** *E21B 33/127 (2006.01)*  
(87) **EP Publ.nr.:** EP3987150  
(86) **EP søkn.nr.r:** 20733620.7  
(86) **EP innl.dag:** 2020.06.19  
(87) **EP publ.dag:** 2022.04.27  
(30) **Prioritet:** 2019.06.21, EP, 19181732  
(86) **Int.inndag :** 2020.06.19  
(86) **Int.søknadsnr :** PCT/EP2020/067147  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits  
(72) **Oppfinner:**  
ANDERSEN, Tomas Sune, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits  
(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
(54) **Benevnelse:**  
ANNULAR BARRIER WITH BITE CONNECTION

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(51) **Klasse :** *E21B 33/127 (2006.01)*  
*E21B 43/10 (2006.01)*  
(87) **EP Publ.nr.:** EP3990746  
(86) **EP søkn.nr.r:** 20734031.6  
(86) **EP innl.dag:** 2020.06.24  
(87) **EP publ.dag:** 2022.05.04  
(30) **Prioritet:** 2019.06.25, EP, 19182251  
(86) **Int.inndag :** 2020.06.24  
(86) **Int.søknadsnr :** PCT/EP2020/067599  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits  
(72) **Oppfinner:**  
VASQUES, Ricardo Reves, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits  
(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
(54) **Benevnelse:**  
ANNULAR BARRIER WITH PRESS CONNECTIONS

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(51) **Klasse :** *E21B 34/06 (2006.01)*  
*E21B 34/14 (2006.01)*  
(87) **EP Publ.nr.:** EP3749835  
(86) **EP søkn.nr.r:** 19704306.0  
(86) **EP innl.dag:** 2019.02.07  
(87) **EP publ.dag:** 2020.12.16  
(30) **Prioritet:** 2018.02.08, EP, 18155899  
(86) **Int.inndag :** 2019.02.07  
(86) **Int.søknadsnr :** PCT/EP2019/053062  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits  
(72) **Oppfinner:**  
VASQUES, Ricardo Reves, c/o Welltec Oilfield Solutions  
AG Baarerstrasse 966300 Zug, CH-Sveits  
(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
(54) **Benevnelse:**  
DOWNHOLE SYSTEM WITH SLIDING SLEEVE

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(51) **Klasse :** *E21B 47/10 (2012.01)*  
*E21B 47/12 (2012.01)*  
(87) **EP Publ.nr.:** EP3601732  
(86) **EP søkn.nr.r:** 18712571.1  
(86) **EP innl.dag:** 2018.03.20  
(87) **EP publ.dag:** 2020.02.05  
(30) **Prioritet:** 2017.03.21, EP, 17162048  
(86) **Int.inndag :** 2018.03.20  
(86) **Int.søknadsnr :** PCT/EP2018/056924  
(71) **Søker:**  
Welltec Oilfield Solutions AG, Baarerstrasse 966300 Zug,  
CH-Sveits  
(72) **Oppfinner:**  
NESGAARD, Carsten, c/o Welltec A/S Gydevang 253450  
Allerød, DK-Danmark  
(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
(54) **Benevnelse:**  
DOWNHOLE COMPLETION SYSTEM

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