

Norsk

patent tidende

www.patentstyret.no

Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

BESØKSADRESSE

▶ Sandakerveien 64

POSTADRESSE

▶ Postboks 4863 Nydalen
0422 Oslo

E-POST

▶ post@patentstyret.no

TELEFON

▶ +47 22 38 73 00
8.00-15.45

Innholdsfortegnelse og inid-koder:

Allment tilgjengelige patentsøknader (a)	3
Meddelte patenter B1	9
Europeiske patenter (b1) med virkning i Norge	13
Endrede europeiske patenter (b2) med virkning i Norge	31
Avgjørelser i innsigelser jf. Patentloven § 25	32
Avgjørelse fra Klagenemnda	33
Overdragelser og navne-/adresseendringer i spesifiserte rettigheter	34
Pant i patent	35
Patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse	36
Trukne, avslåtte og henlagte søknader som er allment tilgjengelige	37
Nye søknader om supplerende beskyttelsessertifikater for legemidler (spc).....	38
Endring i fullmaktsforhold	39
Bortfalte, opphevede, ugyldige og utløpte europeiske patenter som har hatt virkning i Norge	41
Korrigert patentskrift i europeisk patent med virkning i Norge (B9).....	42

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) Klasse: <i>A01K 61/00 (2006.01)</i>
<i>A01K 61/95 (2017.01)</i>
<i>G06K 9/00 (2006.01)</i>
<i>G06K 9/62 (2006.01)</i></p> <p>(21) Søknadsnr: 20201382</p> <p>(22) Inndag: 2020.12.16</p> <p>(41) Allm.tilgj: 2022.06.17</p> <p>(24) Løpedag: 2020.12.16</p> <p>(71) Søker:
CREATEVIEW AS, Britvegen 4, 6410 MOLDE</p> <p>(74) Fullmektig:
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge</p> <p>(72) Oppfinner:
Even Bringsdal, Sørsidevegen 1041, 6408 AUREOSEN
Patcharee Thongtra, Veibenstadkollen 42, 6531 AVERØY</p> <p>(54) Benevnelse:
A system for monitoring of dead fish</p> <hr/> <p>(51) Klasse: <i>A01K 61/00 (2006.01)</i>
<i>A01K 63/02 (2006.01)</i>
<i>A01K 79/00 (2006.01)</i></p> <p>(21) Søknadsnr: 20201423</p> <p>(22) Inndag: 2020.12.22</p> <p>(41) Allm.tilgj: 2022.06.23</p> <p>(24) Løpedag: 2020.12.22</p> <p>(71) Søker:
MMC FIRST PROCESS AS, Mjølstadnesvegen 21, 6092 FOSNAVÅG</p> <p>(74) Fullmektig:
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge</p> <p>(72) Oppfinner:
Leif Roger Gjølseth, Bøvegen 16, 6095 BØLANDET
Børre Haanes Waagan, Kaivegen 1, 6080 GURSKØY
Sivert Audun Reite Blindheim, Honningdalsneset 5, 6260 SKODJE</p> <p>(54) Benevnelse:
SYSTEMS AND METHODS FOR HANDLING FARMED AQUATIC ANIMALS</p> <p>Krav på norsk er innkommet 2022.03.22.</p> <hr/> | <p>(51) Klasse: <i>A01K 61/10 (2017.01)</i>
<i>A01K 63/04 (2006.01)</i>
<i>B01D 19/00 (2006.01)</i>
<i>G01N 33/18 (2006.01)</i></p> <p>(21) Søknadsnr: 20220609</p> <p>(22) Inndag: 2022.05.24</p> <p>(41) Allm.tilgj: 2022.05.24</p> <p>(30) Prioritet: 2019.11.14, NO, 20191352</p> <p>(86) Int.inndag: 2020.11.13</p> <p>(86) Int.søknadsnr: PCT/NO2020/050280</p> <p>(24) Løpedag: 2020.11.13</p> <p>(71) Søker:
SEARAS AS, Thormøhlens gate 51, 5006 BERGEN</p> <p>(74) Fullmektig:
CENSUS AS, c/o Jan-Ove Hindenes, Måseskjærveien 20, 5035 BERGEN, Norge</p> <p>(72) Oppfinner:
Geir Valsvik, Eliasmarken 2C, 5164 LAKSEVÅG
Morten Aga, Fjellgaten 2, 5003 BERGEN
Jan Vidar Nordstrand, Halhjemsveien 252, 5208 OS
Eldar Lien, Nedre Blekevei 2, 5003 BERGEN
Vincent Martinez, Lægdesvingen 65, 5096 BERGEN</p> <p>(54) Benevnelse:
METHOD AND SYSTEM FOR MONITORING AND MEASURING THE AMOUNT OF A GAS DISSOLVED IN A LIQUID</p> <hr/> <p>(51) Klasse: <i>A01K 61/60 (2017.01)</i>
<i>A01K 61/13 (2017.01)</i></p> <p>(21) Søknadsnr: 20210090</p> <p>(22) Inndag: 2021.01.25</p> <p>(41) Allm.tilgj: 2022.07.04</p> <p>(24) Løpedag: 2021.01.25</p> <p>(71) Søker:
Geir Kroken, Prestealléen 3, 6770 NORDFJORDEID</p> <p>(74) Fullmektig:
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge</p> <p>(72) Oppfinner:
Geir Kroken, Prestealléen 3, 6770 NORDFJORDEID
Elias Kroken, Østenstadbråten 10, 1390 VOLLEN</p> <p>(54) Benevnelse:
Merdanordning omfattende kuleformet merd</p> <hr/> <p>(51) Klasse: <i>A01K 61/95 (2017.01)</i>
<i>G01N 29/06 (2006.01)</i></p> <p>(21) Søknadsnr: 20201404</p> <p>(22) Inndag: 2020.12.18</p> <p>(41) Allm.tilgj: 2022.06.20</p> <p>(24) Løpedag: 2020.12.18</p> <p>(71) Søker:
GREENFOX MARINE AS, Wessels veg 63, 7502 STJØRDAL</p> <p>(74) Fullmektig:
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge</p> <p>(72) Oppfinner:
Roger Gullikstad, Bergs gate 25, 7504 STJØRDAL
Terje Wahl, Anne Margrethe Bangs gt 54, 7506 STJØRDAL</p> <p>(54) Benevnelse:
Automatic Scanning System for Fish</p> <hr/> |
|--|--|

(51) **Klasse:** *A01K 63/02 (2006.01)*
A01K 61/90 (2017.01)
(21) **Søknadsnr:** 20201424
(22) **Inndag:** 2020.12.22
(41) **Allm.tilgj:** 2022.06.23
(24) **Løpedag:** 2020.12.22
(71) **Søker:**
MMC FIRST PROCESS AS, Mjølstadnesvegen 21, 6092
FOSNAVÅG
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(72) **Oppfinner:**
Leif Roger Gjølseth, Bøvegen 16, 6095 BØLANDET
(54) **Benevnelse:**
MOVING FARMED AQUATIC ANIMALS

Krav på norsk er innkommet 2022.06.10.

(51) **Klasse:** *A01N 63/20 (2020.01)*
A01G 22/00 (2018.01)
A01P 21/00 (2006.01)
C05F 17/20 (2020.01)
C05F 17/50 (2020.01)
A01G 7/00 (2006.01)
(21) **Søknadsnr:** 20220473
(22) **Inndag:** 2022.04.27
(41) **Allm.tilgj:** 2022.04.27
(30) **Prioritet:** 2019.10.02, JP, 2019-182447
(86) **Int.inndag:** 2020.10.01
(86) **Int.søknadsnr:** PCT/JP2020/037476
(24) **Løpedag:** 2020.10.01
(71) **Søker:**
MOSIL CO., LTD., 7080-36 Kamakazu, 289-2505 ASAHI-
SHI, CHIBA, Japan (JP)
(74) **Fullmektig:**
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
(72) **Oppfinner:**
Hiroki Miyashita, 10-3 Koujimachi 2-chome, Chiyoda-ku,
102-0083 TOKYO, Japan (JP)
(54) **Benevnelse:**
USE OF MICROORGANISM TO IMPROVE PLANT
PRODUCTIVITY OF SOIL

(51) **Klasse:** *A22C 25/16 (2006.01)*
B26D 1/153 (2006.01)
B26D 1/24 (2006.01)
(21) **Søknadsnr:** 20220480
(22) **Inndag:** 2022.04.28
(41) **Allm.tilgj:** 2022.04.28
(30) **Prioritet:** 2020.10.07, GB, 2015866.3
(86) **Int.inndag:** 2021.10.07
(86) **Int.søknadsnr:** PCT/EP2021/077786
(24) **Løpedag:** 2021.10.07
(71) **Søker:**
Edward Carr, c/o Eddie Carr & Company Limited, Colga,
F91DV21 CALRY, CO SLIGO, Irland (IE)
(74) **Fullmektig:**
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,
00100 HELSINGFORS, Finland
(72) **Oppfinner:**
Edward Carr, c/o Eddie Carr & Company Limited, Colga,
F91DV21 CALRY, CO SLIGO, Irland (IE)
(54) **Benevnelse:**
APPARATUS AND METHOD FOR BONING FISH

(51) **Klasse:** *A22C 25/16 (2006.01)*
(21) **Søknadsnr:** 20220561
(22) **Inndag:** 2022.05.12
(41) **Allm.tilgj:** 2022.05.12
(30) **Prioritet:** 2019.12.05, DE, 10 2019 133 178.1
(86) **Int.inndag:** 2020.12.01
(86) **Int.søknadsnr:** PCT/EP2020/084113
(24) **Løpedag:** 2020.12.01
(71) **Søker:**
Nordischer Maschinenbau Rud. Baader GmbH + Co. KG,
Geniner Strasse 249, 23560 LÜBECK, Tyskland (DE)
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
(72) **Oppfinner:**
Arne Pfuhl, c/o Nordischer Maschinenbau Rud. Baader
GmbH + Co. KG, Geniner Strasse 249, 23560 LÜBECK,
Tyskland (DE)
Reiko Hüser, c/o Nordischer Maschinenbau Rud. Baader
GmbH + Co. KG, Geniner Strasse 249, 23560 LÜBECK,
Tyskland (DE)
Kevin Nordhaus-Keding, c/o Nordischer Maschinenbau
Rud. Baader GmbH + Co. KG, Geniner Strasse 249,
23560 LÜBECK, Tyskland (DE)
(54) **Benevnelse:**
CUTTING APPARATUS AND METHOD FOR THE FINAL
CUTTING OF FISH FILLETS FROM FISH WHICH ARE
TRANSPORTED, TAIL FIRST, IN TRANSPORTING
DIRECTION T ALONG A TRANSPORTING PATH

(51) **Klasse:** *A47C 17/38 (2006.01)*
A47C 17/52 (2006.01)
(21) **Søknadsnr:** 20211343
(22) **Inndag:** 2021.11.11
(41) **Allm.tilgj:** 2022.05.13
(30) **Prioritet:** 2020.11.12, SE, 2051325-5
(24) **Løpedag:** 2021.11.11
(71) **Søker:**
Ruben Hägglunds Maskin AB, Bruksvägen 46, 57932
HÖGSBY, Sverige (SE)
(74) **Fullmektig:**
Bergensträhle & Partners AB, Box 17704, 11893
STOCKHOLM, Sverige
(72) **Oppfinner:**
Ruben HÄGGLUND, Lilla Hanåsa 301, 57992 HÖGSBY,
Sverige (SE)
(54) **Benevnelse:**
BED CABINET WITH FOLDABLE BED ADAPTED TO
OCCUPY A FOLDED, A HORIZONTAL AND A
SLANTING POSITION

(51) **Klasse:** *A63B 23/04 (2006.01)*
A63B 23/035 (2006.01)
A63B 23/00 (2006.01)
A63B 21/00 (2006.01)
A63B 24/00 (2006.01)

(21) **Søknadsnr:** 20201357
(22) **Inndag:** 2020.12.10
(41) **Allm.tilgj:** 2022.06.13
(24) **Løpedag:** 2020.12.10
(71) **Søker:**
ALPHATEK AS, Håvasteinbakken 5, 4150 RENNESØY

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

(72) **Oppfinner:**
Olav Risa, Håvasteinbakken 5, 4150 RENNESØY
Aleksander Kristiansen Ferkingstad, Vindmøllebakken 13B, 4014 STAVANGER
Ola Næss Kaldestad, Åsane senter 25, 5116 ULSET
Erik Vassøy OLSEN, Varabergtunet 7, 4051 SOLA
Åsmund Tveitevoll, Morgedalsveien 28, 4021 STAVANGER

(54) **Benevnelse:**
Fremgangsmåte for kontinuerlig måling av, og regulerende tilbakemeldinger for, styrketrening

(51) **Klasse:** *B08B 3/02 (2006.01)*
E21B 21/08 (2006.01)
E21B 47/002 (2012.01)
E21B 47/01 (2012.01)
G03B 37/00 (2006.01)
H04N 5/217 (2011.01)
B60S 1/08 (2006.01)

(21) **Søknadsnr:** 20220603
(22) **Inndag:** 2022.05.20
(41) **Allm.tilgj:** 2022.05.20
(30) **Prioritet:** 2019.12.24, US, 16/726,403
(86) **Int.inndag:** 2019.12.24
(86) **Int.søknadsnr:** PCT/US2019/068501
(24) **Løpedag:** 2019.12.24
(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:**
Prashant Shekhar, 3323 McCue Road, Apt 1046, TX77056 HOUSTON, USA (US)
Abhijit Kulkarni, C 302, Celia S. No. 440A/ and 668A/3, 411037 PUNE, India (IN)
ALEXANDER GILLIES MACDONALD, 20 DURWARD CRESCENT, KINCARDINE O'NEIL, ABOYNE, AB355DF ABERDEENSHIRE, Storbritannia (GB)

(54) **Benevnelse:**
AUTOMATED DEBRIS REMOVAL

(51) **Klasse:** *B63B 25/08 (2006.01)*
B63B 27/25 (2006.01)
B63B 27/30 (2006.01)
B65D 90/30 (2006.01)
B65G 5/00 (2006.01)
F25J 1/00 (2006.01)
B65G 67/60 (2006.01)
F17C 1/00 (2006.01)
B63B 35/44 (2006.01)

(21) **Søknadsnr:** 20211528
(22) **Inndag:** 2021.12.15
(41) **Allm.tilgj:** 2022.06.20
(30) **Prioritet:** 2020.12.18, NO, 20201398
(24) **Løpedag:** 2021.12.15
(71) **Søker:**
Tore Lea, Stokkabrutene 13, 4023 STAVANGER

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

(72) **Oppfinner:**
Tore Lea, Stokkabrutene 13, 4023 STAVANGER

(54) **Benevnelse:**
A ship and a method for bringing liquified gas from an onshore terminal across a sea to a subsurface permanent storage reservoir

(51) **Klasse:** *B63H 1/36 (2006.01)*
B63H 19/02 (2006.01)
B63B 1/06 (2006.01)
B63B 1/24 (2006.01)
B63B 39/06 (2006.01)
B63B 39/10 (2006.01)
B63B 1/28 (2006.01)

(21) **Søknadsnr:** 20201411
(22) **Inndag:** 2020.12.21
(41) **Allm.tilgj:** 2022.06.22
(24) **Løpedag:** 2020.12.21
(71) **Søker:**
ØYSTEIN KLEPSVIK, Arefjordsdalen 28, 5350 BRATTHOLMEN

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

(72) **Oppfinner:**
Øystein Klepsvik, Arefjordsdalen 28, 5350 BRATTHOLMEN

(54) **Benevnelse:**
Adjustable thrust generating foil system

Krav på norsk er innkommet 2022.05.23.

(51) **Klasse:** *B65D 88/78 (2006.01)*

(21) **Søknadsnr:** 20201397
(22) **Inndag:** 2020.12.18
(41) **Allm.tilgj:** 2022.06.20
(24) **Løpedag:** 2020.12.18
(71) **Søker:**
SUBSEA 7 NORWAY AS, Kanalsletta 9, 4033 STAVANGER

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

(72) **Oppfinner:**
Sigbjørn Daasvatn, Gymnasvegen 5, 4737 HORNNES
Morten Sæterdal, Skogveien 19, 4353 KLEPP STASJON

(54) **Benevnelse:**
Storage of fluids underwater

(51) **Klasse:** *B65G 1/04 (2006.01)*
B61J 1/00 (2006.01)
B61J 1/04 (2006.01)

(21) **Søknadsnr:** 20201294
 (22) **Inndag:** 2020.11.25
 (41) **Allm.tilgj:** 2022.05.26
 (24) **Løpedag:** 2020.11.25
 (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:**
 VEHICLE ROTATION DEVICE AND SYSTEM

Krav på norsk er innkommet 2022.05.13.

(51) **Klasse:** *C01B 3/00 (2006.01)*
C01B 3/32 (2006.01)
C01B 3/50 (2006.01)
F25J 3/08 (2006.01)

(21) **Søknadsnr:** 20201387
 (22) **Inndag:** 2020.12.17
 (41) **Allm.tilgj:** 2022.06.20
 (24) **Løpedag:** 2020.12.17
 (71) **Søker:**
 SINTEF TTO AS, Postboks 4764 Torgarden, 7465 TRONDHEIM

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

(72) **Oppfinner:**
 David Berstad, Bergittavegen 23, 7021 TRONDHEIM
 Julian Straus, Mellomila 59 C, 7018 TRONDHEIM

(54) **Benevnelse:**
 Method for production of H2 with high carbon capture ratio and efficiency

(51) **Klasse:** *C10B 53/00 (2006.01)*
C10B 57/00 (2006.01)
F23G 5/027 (2006.01)
F23J 1/02 (2006.01)

(21) **Søknadsnr:** 20201414
 (22) **Inndag:** 2020.12.21
 (41) **Allm.tilgj:** 2022.06.22
 (24) **Løpedag:** 2020.12.21
 (71) **Søker:**
 Scanship AS, Nedre Langgate 19, 3126 TØNSBERG

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

(72) **Oppfinner:**
 Odd Egil Solheim, Skustadgate 45, 1395 HVALSTAD
 Pål Jahre Nilsen, Bjørneroa 5, 3472 BØDALEN
 Per Langøy, Moreneveien 21, 3058 SOLBERGMOEN
 Joachim Øelschlagel, Homannsbyveien 25 A, 1389 HEGGEDAL
 Svein Gåsbak, Gimleveien 10, 1511 MOSS

(54) **Benevnelse:**
 Char collector

Krav på norsk er innkommet 2022.01.03.

(51) **Klasse:** *E21B 21/06 (2006.01)*
G01B 11/02 (2006.01)
G01B 11/04 (2006.01)
G01B 21/04 (2006.01)
G06K 17/00 (2006.01)
G06K 19/077 (2006.01)
G06T 7/00 (2006.01)
G06T 7/62 (2017.01)

(21) **Søknadsnr:** 20220574
 (22) **Inndag:** 2022.05.12
 (41) **Allm.tilgj:** 2022.05.12
 (30) **Prioritet:** 2019.12.16, US, 16/715,117
 (86) **Int.inndag:** 2020.01.13
 (86) **Int.søknadsnr:** PCT/US2020/13299
 (24) **Løpedag:** 2020.01.13
 (71) **Søker:**
 Halliburton Energy Services, Inc, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**
 Prashant Shekhar, 3323 McCue Road, Apt 1046, TX77056 HOUSTON, USA (US)
 Abhijit Kulkarni, C 302, Celia S. No. 440A/ and 668A/3, 411037 PUNE, India (IN)

(54) **Benevnelse:**
 CUTTINGS VOLUME MEASUREMENT AWAY FROM SHALE SHAKER

(51) **Klasse:** *E21B 43/013 (2006.01)*
E21B 43/017 (2006.01)

(21) **Søknadsnr:** 20201376
 (22) **Inndag:** 2020.12.15
 (41) **Allm.tilgj:** 2022.06.16
 (24) **Løpedag:** 2020.12.15
 (71) **Søker:**
 Vetco Gray Scandinavia AS, Sothammargeilen 1, 4029 STAVANGER

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

(72) **Oppfinner:**
 Steinar Lindemann Hestetun, Torstadveien 27, 1396 BILLINGSTAD

(54) **Benevnelse:**
 Compact dual header manifold layout

(51) **Klasse:** *E21B 43/013 (2006.01)*
E21B 17/20 (2006.01)
E21B 33/038 (2006.01)
B22F 3/15 (2006.01)

(21) **Søknadsnr:** 20201377
 (22) **Inndag:** 2020.12.15
 (41) **Allm.tilgj:** 2022.06.16
 (24) **Løpedag:** 2020.12.15
 (71) **Søker:**
 Vetco Gray Scandinavia AS, Sothammargeilen 1, 4029 STAVANGER

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

(72) **Oppfinner:**
 Tor Lægred, Dugnadveien 30, 1346 GJETTUM

(54) **Benevnelse:**
 Oil and gas industry gooseneck manufactured by Hot Isostatic Pressing and a flexible pipeline assembly with an oil and gas industry gooseneck

(51) **Klasse:** *E21B 47/12 (2012.01)*
G06F 30/27 (2020.01)
G06N 20/00 (2019.01)

(21) **Søknadsnr:** 20211399

(22) **Inndag:** 2021.11.19

(41) **Allm.tilgj:** 2022.06.17

(30) **Prioritet:** 2020.12.16, US, 63/126,181
2021.11.02, US, 17/517,234

(24) **Løpedag:** 2021.11.19

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

(74) **Fullmektig:**
AA Thornton IP LLP, Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia

(72) **Oppfinner:**
Jie Yang, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Songhua Chen, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**
Noise Elimination or Reduction in Drilling Operation Measurements Using Machine Learning

(51) **Klasse:** *F04D 15/00 (2006.01)*
F04D 27/00 (2006.01)
G01L 3/24 (2006.01)

(21) **Søknadsnr:** 20220542

(22) **Inndag:** 2022.05.09

(41) **Allm.tilgj:** 2022.05.09

(30) **Prioritet:** 2019.12.31, US, 16/731,240

(86) **Int.inndag:** 2019.12.31

(86) **Int.søknadsnr:** PCT/US2019/069047

(24) **Løpedag:** 2019.12.31

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

(74) **Fullmektig:**
AA Thornton IP LLP, Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia

(72) **Oppfinner:**
Ketankumar Kantila Sheth, 5308 E. 80th Place, OK74136 TULSA, USA (US)
Robert Charles de Long, 4407 S. Ivy Ave., OK74063 SAND SPRINGS, USA (US)

(54) **Benevnelse:**
PREDICT BRAKE HORSEPOWER FOR A PUMP FOR VISCOUS APPLICATIONS

(51) **Klasse:** *F16L 1/00 (2006.01)*
F16L 1/16 (2006.01)
F16L 1/26 (2006.01)

(21) **Søknadsnr:** 20211494

(22) **Inndag:** 2021.12.13

(41) **Allm.tilgj:** 2022.06.15

(30) **Prioritet:** 2020.12.14, GB, 2019703.4

(24) **Løpedag:** 2021.12.13

(71) **Søker:**
Subsea 7 Limited, 40 Brighton Road, SM25BN SUTTON, SURREY, Storbritannia (GB)

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

(72) **Oppfinner:**
Arnbjørn Joensen, 23 Huxterstone Drive, AB158UN KINGSWELLS, ABERDEEN, ABERDEENSHIRE, Storbritannia (GB)
Nwabueze Samuel Ogbodo, 17 Bacchante Way, AB210AX KINGSEAT NEWMACHAR, ABERDEENSHIRE, Storbritannia (GB)
Shona Margaret Manson, 5 Lochter Close, AB516BD INVERURIE, Storbritannia (GB)
Emma Claire Taylor, 26 Baillieswells Road, AB159BB ABERDEEN, Storbritannia (GB)
Dwayne Hewitt Hopkins, 35 Goldfinch Drive, A1L3M2 PARADISE, NEWFOUNDLAND, Canada (CA)
John Joseph Ryan, 24A Helmsley Street, WA6019 SCARBOROUGH, Australia (AU)

(54) **Benevnelse:**
Decommissioning subsea infrastructure

(51) **Klasse:** *F16L 23/16 (2006.01)*
G01M 13/005 (2019.01)
F16L 25/02 (2006.01)
G01M 3/02 (2006.01)
F16J 15/02 (2006.01)

(21) **Søknadsnr:** 20201420

(22) **Inndag:** 2020.12.22

(41) **Allm.tilgj:** 2022.06.23

(24) **Løpedag:** 2020.12.22

(71) **Søker:**
KARMSUND MARITIME GROUP AS, Postboks 484, 4291 KOPERVIK

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

(72) **Oppfinner:**
Morgan Haringstad, Eidsbakkane 124, 4250 KOPERVIK

(54) **Benevnelse:**
Insulation Test Gasket

Krav på norsk er innkommet 2021.12.15.

(51) **Klasse:** *F24D 5/02 (2006.01)*
E04B 5/48 (2006.01)
F24D 3/14 (2006.01)
F24F 13/08 (2006.01)
F24D 3/12 (2006.01)
F24D 3/18 (2006.01)

(21) **Søknadsnr:** 20220581
(22) **Inndag:** 2022.05.16
(41) **Allm.tilgj:** 2022.05.16
(30) **Prioritet:** 2019.11.05, NO, 20191320
(86) **Int.inndag:** 2020.11.05
(86) **Int.søknadsnr:** PCT/NO2020/050271
(24) **Løpedag:** 2020.11.05
(71) **Søker:**
OGS SEED AS, Silurveien 2, 0380 OSLO

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

(72) **Oppfinner:**
Ole Gunnar Selvaag, Strandpromenaden 5, 0252 OSLO

(54) **Benevnelse:**
A DEVICE FOR HEATING A ROOM USING
UNDERFLOOR HEATING

(51) **Klasse:** *G07G 1/00 (2006.01)*
G08B 13/24 (2006.01)
H01Q 1/22 (2006.01)
G06Q 20/20 (2012.01)

(21) **Søknadsnr:** 20201403
(22) **Inndag:** 2020.12.18
(41) **Allm.tilgj:** 2022.06.20
(24) **Løpedag:** 2020.12.18
(71) **Søker:**
FYGI TECHNOLOGIES AS, Postboks 525 Høyden, 1522
MOSS

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

(72) **Oppfinner:**
Kenneth Kristiansen, Smedhusåsen 30, 1570 DILLING
Espen Lippert, Tømmeråsen 25 A, 1555 SON

(54) **Benevnelse:**
A sensor device, method and system for defining the
status of a tagged commodity

(51) **Klasse:** *H04N 7/15 (2006.01)*
H04N 21/6437 (2011.01)
H04L 29/06 (2006.01)
G10L 19/00 (2013.01)
H04M 3/56 (2006.01)

(21) **Søknadsnr:** 20201393
(22) **Inndag:** 2020.12.18
(41) **Allm.tilgj:** 2022.06.20
(24) **Løpedag:** 2020.12.18
(71) **Søker:**
PEXIP AS, Lilleakerveien 2 A, 0283 OSLO

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

(72) **Oppfinner:**
Håvard Graff, Finnhaugveien 16, 0760 OSLO
Tulio Beloqui, Konows gate 35, 0196 OSLO

(54) **Benevnelse:**
Method and system for real time audio in multi-point video
conferencing

Meddelte patenter B1

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

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

(51) **Klasse:** *A01K 61/13 (2017.01)*
A01N 59/06 (2006.01)
A01N 59/08 (2006.01)
A61K 35/08 (2015.01)
A01N 25/00 (2006.01)
A01N 61/00 (2006.01)

(11) **Patentnr:** 346387
 (21) **Søknadsnr:** 20170878
 (22) **Inng.dag:** 2017.05.29
 (24) **Løpedag:** 2017.05.29
 (41) **Allm.tilg.dag:** 2018.11.30
 (45) **Meddelt:** 2022.07.04
 (73) **Innehaver:**
 AkvaFresh AS, Verkstedveien 4, 7125 VANVIKAN

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

(72) **Oppfinner:**
 Per Kosberg, Neufeldts gt. 22, 7030 TRONDHEIM
 Mark Darryn Powell, Gaustadalléen 21, 0349 OSLO

(54) **Benevnelse:**
 METHOD AND SYSTEM FOR TREATING FISH IN FISH FARMS

(51) **Klasse:** *A01K 61/60 (2017.01)*
A01K 61/13 (2017.01)

(11) **Patentnr:** 346396
 (21) **Søknadsnr:** 20210090
 (22) **Inng.dag:** 2021.01.25
 (24) **Løpedag:** 2021.01.25
 (41) **Allm.tilg.dag:** 2022.07.04
 (45) **Meddelt:** 2022.07.04
 (73) **Innehaver:**
 Geir Kroken, Prestealléen 3, 6770 NORDFJORDEID

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

(72) **Oppfinner:**
 Geir Kroken, Prestealléen 3, 6770 NORDFJORDEID
 Elias Kroken, Østenstadbråten 10, 1390 VOLLEN

(54) **Benevnelse:**
 Merdanordning omfattende kuleformet merd

(51) **Klasse:** *A47J 36/32 (2006.01)*
H04L 67/125 (2022.01)
H04M 1/72415 (2021.01)
G08C 17/02 (2006.01)

(11) **Patentnr:** 346389
 (21) **Søknadsnr:** 20180470
 (22) **Inng.dag:** 2018.04.06
 (30) **Prioritet:** 2015.10.23, US, 62/245,549
 (86) **Int.inng.dag:** 2016.04.08
 (86) **Int.Søknadsnr:** PCT/US2016/026736
 (24) **Løpedag:** 2016.04.08
 (41) **Allm.tilg.dag:** 2018.04.06
 (45) **Meddelt:** 2022.07.04
 (73) **Innehaver:**
 Traeger Pellet Grills, LLC, 1215 E Wilmington Ave., Suite 200, UT84106 SALT LAKE CITY, USA (US)

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

(72) **Oppfinner:**
 Michael Colston, 65 E. Columbus CT., UT84103 SALT LAKE CITY, USA (US)

(54) **Benevnelse:**
 CLOUD SYSTEM FOR CONTROLLING OUTDOOR GRILL WITH MOBILE APPLICATION

(51) **Klasse:** *B63B 21/04 (2006.01)*
B63B 21/08 (2006.01)
B66D 1/50 (2006.01)
B66D 5/16 (2006.01)
B66C 13/10 (2006.01)

(11) **Patentnr:** 346382
 (21) **Søknadsnr:** 20201050
 (22) **Inng.dag:** 2020.09.24
 (24) **Løpedag:** 2020.09.24
 (41) **Allm.tilg.dag:** 2022.03.25
 (45) **Meddelt:** 2022.07.04
 (73) **Innehaver:**
 Øyvind Bjørshol, Gaupsundveien 37, 6533 AVERØY

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

(72) **Oppfinner:**
 Øyvind Bjørshol, Gaupsundveien 37, 6533 AVERØY

(54) **Benevnelse:**
 A line lock, a handling system and a method for locking a mooring line using the line lock

(51) **Klasse:** *B63B 75/00 (2020.01)*
B66C 23/18 (2006.01)
F03D 13/25 (2016.01)
B63B 35/44 (2006.01)

(11) **Patentnr:** 346384

(21) **Søknadsnr:** 20200920

(22) **Inng.dag:** 2020.08.20

(24) **Løpedag:** 2020.08.20

(41) **Allm.tilg.dag:** 2022.02.21

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
 Fred. Olsen Ocean Ltd., Postboks 1159 Sentrum, 0106 OSLO

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

(72) **Oppfinner:**
 Geir Grimsrud, Hestestien 10, 1555 SON

(54) **Benevnelse:**
 A method and facility for assembling a plurality of floating wind turbines

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

(11) **Patentnr:** 346381

(21) **Søknadsnr:** 20200818

(22) **Inng.dag:** 2020.07.10

(24) **Løpedag:** 2020.07.10

(41) **Allm.tilg.dag:** 2022.01.11

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
 Autostore Technology AS, Stokkastrandvegen 85, 5578 NEDRE VATS

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

(72) **Oppfinner:**
 Trond Austrheim, Nedre Teigen 12, 5590 ETNE

(54) **Benevnelse:**
 Extendable wheel base

(51) **Klasse:** *C22B 23/02 (2006.01)*
C22B 7/04 (2006.01)
C21B 3/04 (2006.01)

(11) **Patentnr:** 346383

(21) **Søknadsnr:** 20170743

(22) **Inng.dag:** 2017.05.05

(24) **Løpedag:** 2017.05.05

(41) **Allm.tilg.dag:** 2018.11.06

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
 Knut Henriksen, Langenesveien 312, 4640 SØGNE

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

(72) **Oppfinner:**
 Knut Henriksen, Langenesveien 312, 4640 SØGNE

(54) **Benevnelse:**
 METHOD FOR CONVERTING A WASTE MATERIAL FROM SULPHIDE ORE BASED NICKEL REFINING INTO NICKEL PIG IRON

(51) **Klasse:** *E02F 3/92 (2006.01)*
E04H 4/16 (2006.01)

(11) **Patentnr:** 346393

(21) **Søknadsnr:** 20201145

(22) **Inng.dag:** 2020.10.22

(24) **Løpedag:** 2020.10.22

(41) **Allm.tilg.dag:** 2022.04.25

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
 KONTORVEIEN 1 AS, Kontorveien 1, 6517 KRISTIANSUND N

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

(72) **Oppfinner:**
 Kjell Storvik, Flakaveien 14, 6507 KRISTIANSUND N

(54) **Benevnelse:**
 Suction Generation Device

(51) **Klasse:** *E04H 4/06 (2006.01)*

(11) **Patentnr:** 346385

(21) **Søknadsnr:** 20190122

(22) **Inng.dag:** 2019.01.31

(30) **Prioritet:** 2018.10.22, CZ, PUV2018-35492

(24) **Løpedag:** 2019.01.31

(41) **Allm.tilg.dag:** 2020.04.23

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
 BERNDORF BÄDERBAU s.r.o., Bystrice 1312, 739 95 BYSTRICE NAD OLSÍ, Den tsjekkiske republikk (CZ)

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

(72) **Oppfinner:**
 Rudolf Cieslar, Milíkov 132, 73981 MILÍKOV U JABLUNKOVA, Den tsjekkiske republikk (CZ)

(54) **Benevnelse:**
 Swimming pool or tank with a movable floor.

(51) **Klasse:** *E21B 17/01 (2006.01)*
E21B 17/08 (2006.01)
E21B 19/00 (2006.01)
E21B 19/10 (2006.01)
E21B 19/16 (2006.01)
E21B 47/007 (2012.01)

(11) **Patentnr:** 346395

(21) **Søknadsnr:** 20160220

(22) **Inng.dag:** 2016.02.10

(30) **Prioritet:** 2015.12.07, US, 14/961,654

(24) **Løpedag:** 2016.02.10

(41) **Allm.tilg.dag:** 2017.06.08

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
 Dril-Quip, Inc., 6401 N. Eldridge Parkway, TX77041 HOUSTON, USA (US)

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

(72) **Oppfinner:**
 Blake T DeBerry, c/o Dril-Quip, Inc., 6401 N. Eldridge Parkway, TX77041 HOUSTON, USA (US)
 Morris B Wade, c/o Dril-Quip, Inc., 6401 N. Eldridge Parkway, TX77041 HOUSTON, USA (US)

(54) **Benevnelse:**
 METHOD FOR OPERATING A RISER RUNNING TOOL

(51) **Klasse:** *E21B 47/005 (2012.01)*
E21B 49/06 (2006.01)

(11) **Patentnr:** 346388

(21) **Søknadsnr:** 20140503

(22) **Inng.dag:** 2014.04.16

(30) **Prioritet:** 2011.10.20, US, 13/277,868

(86) **Int.inng.dag:** 2012.10.02

(86) **Int.Søknadsnr:** PCT/US2012/058421

(24) **Løpedag:** 2012.10.02

(41) **Allm.tilg.dag:** 2014.04.16

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
Schlumberger Technology B.V., Parkstraat 83-89, 2514JG HAAG, Nederland (NL)

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

(72) **Oppfinner:**
Terizhandur S Ramakrishnan, 1165 Hill Road, MA01719 BOXBOROUGH, USA (US)
Nikita Chugunov, 215 Massachusetts Avenue, Apt. 58, MA02474 ARLINGTON, USA (US)
Ram Sunder Kalyanaraman, 4 rue de leglise, 92420 VAUCRESSON, Frankrike (FR)

(54) **Benevnelse:**
Fremgangsmåte og system for evaluering av borehullintegritet

(51) **Klasse:** *F03D 3/00 (2006.01)*
F03D 3/02 (2006.01)
F03D 3/04 (2006.01)
F03D 9/25 (2016.01)
F03D 9/32 (2016.01)
H02K 7/18 (2006.01)

(11) **Patentnr:** 346386

(21) **Søknadsnr:** 20201195

(22) **Inng.dag:** 2020.11.02

(24) **Løpedag:** 2020.11.02

(41) **Allm.tilg.dag:** 2022.05.03

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
WIND ROSE AS, Postboks 57, 5908 ISDALSTØ

(72) **Oppfinner:**
Egil Mullerup-Skaten, Nilsvikvegen 1, 5177 BJØRØYHAMN

(54) **Benevnelse:**
EN VINDTURBIN MED VERTIKAL ROTASJONSAKSE

(51) **Klasse:** *G01R 29/08 (2006.01)*

(11) **Patentnr:** 346391

(21) **Søknadsnr:** 20181429

(22) **Inng.dag:** 2018.11.07

(30) **Prioritet:** 2018.10.04, US, 62/741,219

(24) **Løpedag:** 2018.11.07

(41) **Allm.tilg.dag:** 2020.04.06

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
ELLIPTIC LABORATORIES AS, Akersgata 32, 0180 OSLO

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

(72) **Oppfinner:**
Espen Klovning, Gamle Strømsvei 23, 1467 STRØMMEN
Tom Øystein Kavli, St. Georgs vei 45, 0280 OSLO
Guenael Thomas Strutt, 36 Bob Kaufman Alley, CA94133 SAN FRANCISCO, USA (US)
Shangdong Gu, Refstadveien 40, 0589 OSLO

(54) **Benevnelse:**
ABSORPTION RATE DETECTION

(51) **Klasse:** *G01V 3/08 (2006.01)*
G01V 3/30 (2006.01)

(11) **Patentnr:** 346394

(21) **Søknadsnr:** 20131015

(22) **Inng.dag:** 2013.07.22

(30) **Prioritet:** 2010.12.23, CN, 2010 1 0601287

(86) **Int.inng.dag:** 2011.12.14

(86) **Int.Søknadsnr:** PCT/CN2011/001999

(24) **Løpedag:** 2011.12.14

(41) **Allm.tilg.dag:** 2013.09.16

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
CHINA PETROLEUM & CHEMICAL CORP, No. 22 Chaoyangmen North Street, 100728 CHAOYANG DISTRICT, BEIJING, Kina (CN)
SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)

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

(72) **Oppfinner:**
Jinzhou YANG, c/o SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)
Zuohui Li, c/o SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)
Nan Lin, c/o SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)
Baojun Wei, c/o SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)
Qinglong Liu, c/o SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)
Hongbing Xiao, c/o SHENGLI DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC, No. 827, Beiyi Road, 257017 SHANDONG PROVINCE, DONGYING CITY, Kina (CN)

(54) **Benevnelse:**
En anordning og fremgangsmåte for brønnlogging og data prosesseringsanordning

(51) **Klasse:** *G01V 11/00 (2006.01)*
G01V 3/30 (2006.01)
G01V 1/50 (2006.01)
E21B 49/08 (2006.01)

(11) **Patentnr:** 346380

(21) **Søknadsnr:** 20191431

(22) **Inng.dag:** 2019.12.05

(24) **Løpedag:** 2019.12.05

(41) **Allm.tilg.dag:** 2021.06.07

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
UNIVERSITETET I OSLO, Postboks 1072 Blindern, 0316 OSLO
MANZAR FAWAD, c/o Leil. 331, Oppsalveien 24 B, 0686 OSLO
MD NAZMUL HAQUE MONDOL, TOPPÅSVEIEN 17 D, 1262 OSLO

(72) **Oppfinner:**
MANZAR FAWAD, c/o Leil. 331, Oppsalveien 24 B, 0686 OSLO
MD NAZMUL HAQUE MONDOL, TOPPÅSVEIEN 17 D, 1262 OSLO

(54) **Benevnelse:**
Fluid identification and saturation estimation using CSEM and seismic data

(51) **Klasse:** *G05D 1/02 (2020.01)*
G05B 19/19 (2006.01)
G01S 17/46 (2006.01)
B65G 1/04 (2006.01)

(11) **Patentnr:** 346390

(21) **Søknadsnr:** 20191506

(22) **Inng.dag:** 2019.12.20

(24) **Løpedag:** 2019.12.20

(41) **Allm.tilg.dag:** 2021.06.21

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
AUTOSTORE TECHNOLOGY AS, Stokkastrandvegen 85,
5578 NEDRE VATS

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

(72) **Oppfinner:**
Trond Austrheim, Nedre Teigen 12, 5590 ETNE
Øystein Gjerdevik, Torvmyrvegen 27, 5574 SKJOLD

(54) **Benevnelse:**
Track sensor arrangement for a remotely operated vehicle
and a method thereof

(51) **Klasse:** *H04N 13/243 (2018.01)*
G06T 3/40 (2006.01)
G03B 37/04 (2021.01)

(11) **Patentnr:** 346392

(21) **Søknadsnr:** 20200879

(22) **Inng.dag:** 2020.08.05

(24) **Løpedag:** 2020.08.05

(41) **Allm.tilg.dag:** 2022.02.07

(45) **Meddelt:** 2022.07.04

(73) **Innehaver:**
MUYBRIDGE AS, Kirkeveien 102B, 0361 OSLO

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

(72) **Oppfinner:**
Anders Tomren, Kirkeveien 102B, 0361 OSLO

(54) **Benevnelse:**
Multiple camera sensor system and method of providing a
target image by a virtual camera

Europeiske patenter (b1) med virkning i Norge

Innsigelse mot europeiske patenter må fremmes over for Den Europeiske Patentmyndigheten innen 9 måneder fra bekjentsgjørelsen om patentets meddelelse.

(51) **Klasse :** **A01B 61/04 (2006.01)**
 (87) **EP Publ.nr:** EP3481169
 (86) **EP søkn.nr:** 17745975.7
 (86) **EP innl.dag:** 2017.07.05
 (87) **EP publ.dag:** 2019.05.15
 (80) **EP meddelt :** 2022.02.16
 (30) **Prioritet:** 2016.07.07, DE, 102016112522
 (86) **Int.inndag :** 2017.07.05
 (86) **Int.søknadsnr :** PCT/DE2017/100561
 (73) **Innehaver:**
 Lemken GmbH & Co. KG, Weseler Strasse 546519 Alpen,
 DE-Tyskland
 (72) **Oppfinner:**
 ACHTEN, Georg, Steinheide 547918 Tönisvorst, DE-
 Tyskland
 MEURS, Wilhelm, Riller Weg 1646519 Alpen, DE-Tyskland
 PAULESSEN, Georg, Süchtelner Str. 14247877 Willich,
 DE-Tyskland
 (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
 (54) **Benevnelse:**
 SOIL-WORKING DEVICE HAVING AN OVERLOAD
 PROTECTION MEANS

(51) **Klasse :** **A01N 25/00 (2006.01)**
A01N 25/32 (2006.01)
A01N 43/80 (2006.01)
A01P 13/00 (2006.01)
 (87) **EP Publ.nr:** EP3506747
 (86) **EP søkn.nr:** 17761846.9
 (86) **EP innl.dag:** 2017.08.28
 (87) **EP publ.dag:** 2019.07.10
 (80) **EP meddelt :** 2022.04.06
 (30) **Prioritet:** 2016.08.30, EP, 16186376
 2016.12.21, EP, 16205637
 (86) **Int.inndag :** 2017.08.28
 (86) **Int.søknadsnr :** PCT/EP2017/071512
 (73) **Innehaver:**
 Bayer CropScience Aktiengesellschaft, Alfred-Nobel-
 Strasse 5040789 Monheim am Rhein, DE-Tyskland
 (72) **Oppfinner:**
 AULER, Thomas, Rommerscheider Höhe 1751465
 Bergisch Gladbach, DE-Tyskland
 DITTGEN, Jan, Burgstr. 2660316 Frankfurt, DE-Tyskland
 TOSSENS, Herve, Rue Buisson La Fleur 1144537
 Verlaine, BE-Belgia
 (74) **Fullmektig:**
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
 CHALFONT ST PETER, Storbritannia
 (54) **Benevnelse:**
 METHOD OF REDUCING CROP DAMAGE

(51) **Klasse :** **A47G 21/18 (2006.01)**
A47G 21/14 (2006.01)
 (87) **EP Publ.nr:** EP3764848
 (86) **EP søkn.nr:** 20716960.8
 (86) **EP innl.dag:** 2020.03.06
 (87) **EP publ.dag:** 2021.01.20
 (80) **EP meddelt :** 2022.04.13
 (30) **Prioritet:** 2019.03.06, IT, 201900003245
 2019.04.24, IT, 201900006310
 (86) **Int.inndag :** 2020.03.06
 (86) **Int.søknadsnr :** PCT/IT2020/050053
 (73) **Innehaver:**
 I.M.A. Industria Macchine Automatiche S.p.A., Via Emilia
 428-44240064 Ozzano dell'Emilia (BO), IT-Italia
 (72) **Oppfinner:**
 DRAGHETTI, Fiorenzo, c/o I.M.A. Industria Macchine
 Automatiche S.p.A.Via Emilia 428-44240064 Ozzano
 dell'Emilia (BO), IT-Italia
 (74) **Fullmektig:**
 Valet Patent Services Limited, Siedlungsstr. 4a, 85253
 ERDWEG, Tyskland
 (54) **Benevnelse:**
 PAPER STRAW

(51) **Klasse :** **A47G 29/14 (2006.01)**
G06Q 10/08 (2012.01)
H04W 4/80 (2018.01)
 (87) **EP Publ.nr:** EP3755187
 (86) **EP søkn.nr:** 19757924.6
 (86) **EP innl.dag:** 2019.02.22
 (87) **EP publ.dag:** 2020.12.30
 (80) **EP meddelt :** 2022.05.11
 (30) **Prioritet:** 2018.02.23, DK, PA201870121
 (86) **Int.inndag :** 2019.02.22
 (86) **Int.søknadsnr :** PCT/DK2019/050070
 (73) **Innehaver:**
 SwipBox Development ApS, Ellegårdvej 76400
 Sønderborg, DK-Danmark
 (72) **Oppfinner:**
 KACZMAREK, Allan, Vandmøllevej 126400 Sønderborg,
 DK-Danmark
 ERLER, Klaus Okkels, Fasanvej 56470 Sydals, DK-
 Danmark
 (74) **Fullmektig:**
 PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
 (54) **Benevnelse:**
 PARCEL LOCKER AND A METHOD FOR OPERATING
 THE PARCEL LOCKER

- (51) **Klasse :** **A47J 36/26 (2006.01)**
A47J 27/21 (2006.01)
- (87) **EP Publ.nr:** EP3698686
- (86) **EP søkn.nr:** 19158210.5
- (86) **EP innl.dag:** 2019.02.20
- (87) **EP publ.dag:** 2020.08.26
- (80) **EP meddelt :** 2022.03.30
- (73) **Innehaver:**
PRIMUS AB, Box 209891 01 Örnsköldsvik, SE-Sverige
- (72) **Oppfinner:**
Svartström, Eric, c/o Primus ABHemvärgsgatan 1517154 Solna, SE-Sverige
Till, Staffan, c/o Primus ABHemvärgsgatan 1517154 Solna, SE-Sverige
Johansson, Magnus, c/o Primus ABHemvärgsgatan 1517154 Solna, SE-Sverige
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
HEATING CHAMBER OF AN OUTDOOR STOVE

- (51) **Klasse :** **A61G 7/057 (2006.01)**
A61H 9/00 (2006.01)
- (87) **EP Publ.nr:** EP3132781
- (86) **EP søkn.nr:** 16192690.2
- (86) **EP innl.dag:** 2011.10.05
- (87) **EP publ.dag:** 2017.02.22
- (80) **EP meddelt :** 2022.04.13
- (30) **Prioritet:** 2010.10.05, US, 390016 P
2011.09.15, US, 201161535294 P
- (73) **Innehaver:**
Dabir Surfaces, Inc., 7447 W. Wilson Avenue, Chicago, Illinois 60706, US-USA
- (72) **Oppfinner:**
DZIOBA, David A., 7324 Ronrick Place Frankenmuth, MI 48734, US-USA
WOLF, Kenneth Andrew, 33354 Marion Court Chesterfield Township, MI 48047, US-USA
WYRICK, Timothy, c/o TouchSensor Technologies, LLC 203 N. Gables Boulevard Wheaton, IL 60187, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
SUPPORT APPARATUS, SYSTEM AND METHOD

- (51) **Klasse :** **A61K 9/127 (2006.01)**
A61M 1/28 (2006.01)
A61P 3/00 (2006.01)
A61P 7/00 (2006.01)
A61P 7/08 (2006.01)
A61P 19/06 (2006.01)
A61P 39/00 (2006.01)
A61P 39/02 (2006.01)
- (87) **EP Publ.nr:** EP2882421
- (86) **EP søkn.nr:** 13745798.2
- (86) **EP innl.dag:** 2013.08.06
- (87) **EP publ.dag:** 2015.06.17
- (80) **EP meddelt :** 2022.06.01
- (30) **Prioritet:** 2012.08.09, EP, 12005796
- (86) **Int.inndag :** 2013.08.06
- (86) **Int.søknadsnr :** PCT/EP2013/002352
- (73) **Innehaver:**
ETH Zurich, ETH Transfer Raemistrasse 1018092 Zürich, CH-Sveits
- (72) **Oppfinner:**
LEROUX, Jean-Christophe, In der Sommerau 8CH-8053 Zürich, CH-Sveits
FORSTER, Vincent, Dorfstrasse 51CH-8037 Zürich, CH-Sveits
- (74) **Fullmektig:**
Cosmovici Intellectual Property, Rue du Commerce 4, 1204 GENÈVE, Sveits
- (54) **Benevnelse:**
LIPOSOME COMPOSITION FOR USE IN PERITONEAL DIALYSIS

- (51) **Klasse :** **A61K 31/165 (2006.01)**
A61P 25/04 (2006.01)
C07C 233/22 (2006.01)
C07C 233/73 (2006.01)
- (87) **EP Publ.nr:** EP3860582
- (86) **EP søkn.nr:** 20703152.7
- (86) **EP innl.dag:** 2020.01.22
- (87) **EP publ.dag:** 2021.08.11
- (80) **EP meddelt :** 2022.05.04
- (30) **Prioritet:** 2019.01.23, EP, 19153315
- (86) **Int.inndag :** 2020.01.22
- (86) **Int.søknadsnr :** PCT/EP2020/051528
- (73) **Innehaver:**
Novaremed Ltd., 24 Hasivim Petah Tikva, 4959382, IL-Israel
- (72) **Oppfinner:**
KAPLAN, Eli, Teichgaesslein 94058 Basel, CH-Sveits
HETT, Robert, Teichgaesslein 94058 Basel, CH-Sveits
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
COMPOUNDS FOR USE IN THE TREATMENT OR PROPHYLAXIS OF PAIN, INFLAMMATION AND/OR AUTOIMMUNITY

- (51) **Klasse :** **A61K 31/4418 (2006.01)**
A61K 9/00 (2006.01)
A61M 15/00 (2006.01)
A61P 11/00 (2006.01)
- (87) **EP Publ.nr:** EP2670242
(86) **EP søkn.nr:** 12742394.5
(86) **EP innl.dag:** 2012.01.31
(87) **EP publ.dag:** 2013.12.11
(80) **EP meddelt :** 2022.03.16
(30) **Prioritet:** 2011.01.31, US, 201161438203 P
2011.07.15, US, 201161508542 P
2011.11.14, US, 201161559670 P
2012.01.06, US, 201261584119 P
2012.01.31
- (86) **Int.inndag :** 2012.01.31
(86) **Int.søknadsnr :** PCT/US2012/023406
(73) **Innehaver:**
Avalyn Pharma Inc., 701 Pike Street, Suite 1500 Seattle,
WA 98101, US-USA
- (72) **Oppfinner:**
SURBER, Mark, William, 4647 Edison Street San Diego, CA
92117, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
AEROSOL PIRFENIDONE AND PYRIDONE ANALOG
COMPOUNDS AND USES THEREOF

- (51) **Klasse :** **A61K 31/513 (2006.01)**
A61K 31/565 (2006.01)
A61K 31/57 (2006.01)
A61P 15/00 (2006.01)
- (87) **EP Publ.nr:** EP3518933
(86) **EP søkn.nr:** 17823018.1
(86) **EP innl.dag:** 2017.09.29
(87) **EP publ.dag:** 2019.08.07
(80) **EP meddelt :** 2022.03.16
(30) **Prioritet:** 2016.09.30, US, 201662402034 P
2016.09.30, US, 201662402055 P
2016.09.30, US, 201662402150 P
2017.05.01, US, 201762492839 P
2017.07.03, US, 201762528409 P
2017.09.29
- (86) **Int.inndag :** 2017.09.29
(86) **Int.søknadsnr :** PCT/EP2017/074907
(73) **Innehaver:**
Myovant Sciences GmbH, Viaduktstrasse 84051 Basel,
CH-Sveits
Takeda Pharmaceutical Company Limited, 1-1 Doshomachi
4-chome Chuo-ku-Osaka-shi, Osaka 541-0045, JP-Japan
- (72) **Oppfinner:**
JOHNSON, Brendan Mark, 2017 Markham Drive 27514
Chapel Hill North Carolina, US-USA
SEELY, Lynn, 537 Occidental Avenue San Mateo California,
94402, US-USA
MUDD, JR., Paul N., 302 Beacon Falls Court Cary North
Carolina 27519, US-USA
WOLLOWITZ, Susan, 32 Topper Court Lafayette California
94549, US-USA
HIBBERD, Mark, The Old House Hawley Liss Hampshire
GU33 6NQ, GB-Storbritannia
TANIMOTO, Masataka, c/o Takeda Pharmaceuticals
Company Limited 1-1, Doshomachi 4-chome Chuo-
ku-Osaka-shi Osaka 540-8645, JP-Japan
RAJASEKHAR, Vijaykumar Reddy, 20200 Quail Hollow
Road Apple Valley California 92308, US-USA
SUKHATME, Mayukh Vasant, c/o Roivant Sciences 320 W
37th St, New York New York, 10018, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
METHODS OF TREATING UTERINE FIBROIDS AND
ENDOMETRIOSIS

- (51) **Klasse :** **A61K 39/39 (2006.01)**
A61K 9/127 (2006.01)
- (87) **EP Publ.nr:** EP2611461
(86) **EP søkn.nr:** 11758014.2
(86) **EP innl.dag:** 2011.08.31
(87) **EP publ.dag:** 2013.07.10
(80) **EP meddelt :** 2022.03.09
(30) **Prioritet:** 2010.08.31, US, 378826 P
(86) **Int.inndag :** 2011.08.31
(86) **Int.søknadsnr :** PCT/US2011/050095
(73) **Innehaver:**
GlaxoSmithKline Biologicals SA, Rue de l'Institut 891330
Rixensart, BE-Belgia
- (72) **Oppfinner:**
GEALL, Andrew, c/o Novartis Vaccines And Diagnostic
Inc. PO Box 8097 Emeryville, CA 94662-8097, US-USA
VERMA, Ayush, c/o Novartis Vaccines And Diagnostic
Inc. PO Box 8097 Emeryville, CA 94662-8097, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PEGYLATED LIPOSOMES FOR DELIVERY OF
IMMUNOGEN-ENCODING RNA

- (51) **Klasse :** **A61K 39/395 (2006.01)**
A61P 9/10 (2006.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
- (87) **EP Publ.nr:** EP3283110
(86) **EP søkn.nr:** 16780800.5
(86) **EP innl.dag:** 2016.04.15
(87) **EP publ.dag:** 2018.02.21
(80) **EP meddelt :** 2022.04.20
(30) **Prioritet:** 2015.04.15, US, 201562147824 P
(86) **Int.inndag :** 2016.04.15
(86) **Int.søknadsnr :** PCT/US2016/027676
(73) **Innehaver:**
AnaptysBio, Inc., 10770 Wateridge Circle, Suite 210 San
Diego, CA 92121, US-USA
- (72) **Oppfinner:**
BOWERS, Peter, 10424 Spruce Grove Avenue San Diego,
California 92131, US-USA
MCKNIGHT, Andrew John, 1551 Union Street Apartment
801 San Diego, California 92101, US-USA
KING, David J., 310 Cole Ranch Road Encinitas, California
92024, US-USA
LONDEI, Marco, 8875 Costa Verde Boulevard 702 San
Diego, California 92122, US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
ANTIBODIES DIRECTED AGAINST INTERLEUKIN 36
RECEPTOR (IL-36R)

(51) **Klasse :** **A61K 47/50 (2017.01)**
 (87) **EP Publ.nr:** EP3362098
 (86) **EP søkn.nr:** 16845348.8
 (86) **EP innl.dag:** 2016.10.12
 (87) **EP publ.dag:** 2018.08.22
 (80) **EP meddelt :** 2022.05.04
 (30) **Prioritet:** 2015.10.15, SK, 500652015
 (86) **Int.inndag :** 2016.10.12
 (86) **Int.søknadsnr :** PCT/SK2016/060002
 (73) **Innehaver:**
 Rázga, Filip, Sokolská 1590301 Senec, SK-Slovakia
 Némethová, Veronika, Vajanského 794001 Nové Zámky,
 SK-Slovakia
 (72) **Oppfinner:**
 Rázga, Filip, Sokolská 1590301 Senec, SK-Slovakia
 Némethová, Veronika, Vajanského 794001 Nové Zámky,
 SK-Slovakia
 (74) **Fullmektig:**
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104
 OSLO, Norge
 (54) **Benevnelse:**
 A METHOD FOR ALTERING THE FUNCTIONAL STATE
 OF MRNA ALLOWING ITS SELECTIVE AND SPECIFIC
 RECOGNITION

(51) **Klasse :** **A61L 15/48 (2006.01)**
A61K 9/08 (2006.01)
A61K 9/10 (2006.01)
A61K 9/107 (2006.01)
A61K 9/66 (2006.01)
A61K 9/70 (2006.01)
A61K 31/197 (2006.01)
A61K 31/375 (2006.01)
A61K 31/51 (2006.01)
A61K 31/565 (2006.01)
A61K 33/26 (2006.01)
A61K 33/30 (2006.01)
A61K 38/05 (2006.01)
A61K 38/28 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61K 47/44 (2017.01)
 (87) **EP Publ.nr:** EP3928763
 (86) **EP søkn.nr:** 21172965.2
 (86) **EP innl.dag:** 2016.03.02
 (87) **EP publ.dag:** 2021.12.29
 (80) **EP meddelt :** 2022.05.04
 (30) **Prioritet:** 2015.03.02, US, 201562127220 P
 2015.07.30, US, 201562199007 P
 (73) **Innehaver:**
 Medlab Clinical U.S., Inc., Suite 150 30021 Tomas
 RoadRancho Santa Margarita, California 92688, US-USA
 (72) **Oppfinner:**
 HALL, Sean, Michael, Millers Point, 2000, AU-Australia
 VITETTA, Luis, Varsity Lakes, 4227, AU-Australia
 ZHOU, Yusi, Hornsby, 2077, AU-Australia
 RUTOLO, David, A., Jr., Rancho Santa Margarita, 92688,
 US-USA
 COULSON, Samantha, Maree, Fig Tree Pocket, 4069, AU-
 Australia
 (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
 (54) **Benevnelse:**
 TRANSMUCOSAL AND TRANSDERMAL DELIVERY
 SYSTEMS

(51) **Klasse :** **A61M 5/20 (2006.01)**
A61M 5/24 (2006.01)
A61M 5/315 (2006.01)
 (87) **EP Publ.nr:** EP3484547
 (86) **EP søkn.nr:** 17739840.1
 (86) **EP innl.dag:** 2017.07.07
 (87) **EP publ.dag:** 2019.05.22
 (80) **EP meddelt :** 2022.04.13
 (30) **Prioritet:** 2016.07.15, US, 201662362808 P
 2017.03.03, US, 201762466658 P
 2017.07.07
 (86) **Int.inndag :** 2017.07.07
 (86) **Int.søknadsnr :** PCT/US2017/041081
 (73) **Innehaver:**
 Eli Lilly and Company, Lilly Corporate CenterIndianapolis,
 IN 46285, US-USA
 (72) **Oppfinner:**
 BYERLY, Roy Howard, c/o Eli Lilly and CompanyP.O. Box
 6288Indianapolis, Indiana 46206-6288, US-USA
 MASSARI, Rossano, c/o Eli Lilly and CompanyP.O. Box
 6288Indianapolis, Indiana 46206-6288, US-USA
 PACCIORETTI, Davide, c/o Eli Lilly and CompanyP.O. Box
 6288Indianapolis, Indiana 46206-6288, US-USA
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 DOSE DETECTION MODULE FOR A MEDICATION
 DELIVERY DEVICE

(51) **Klasse :** **A61P 1/00 (2006.01)**
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/77 (2006.01)
A61K 33/00 (2006.01)
A61P 1/10 (2006.01)
A61P 43/00 (2006.01)
 (87) **EP Publ.nr:** EP2862566
 (86) **EP søkn.nr:** 14194194.8
 (86) **EP innl.dag:** 2012.01.31
 (87) **EP publ.dag:** 2015.04.22
 (80) **EP meddelt :** 2022.03.09
 (30) **Prioritet:** 2011.01.31, GB, 201101666
 2011.02.01, GB, 201101738
 2012.01.13, GB, 201200637
 (73) **Innehaver:**
 Norgine Healthcare B.V., Antonio Vivaldistraat 1501083 HP
 Amsterdam, NL-Nederland
 (72) **Oppfinner:**
 Morrissey, Frances, c/o Norgine LimitedNew Road, Tir-Y-
 BerthHengoed, Mid-Glamorgan CF82 8SJ, GB-
 Storbritannia
 Padfield, Dawn, c/o Norgine LimitedNew Road, Tir-Y-
 BerthHengoed, Mid-Glamorgan CF82 8SJ, GB-
 Storbritannia
 Seldon, Chris, 10 James TerraceYnysgir, PorthRhondda,
 CF39 0EA, GB-Storbritannia
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 Improvements in and relating to compositions

- (51) **Klasse :** **B01D 35/30 (2006.01)**
B65D 85/00 (2006.01)
- (87) **EP Publ.nr:** EP3471853
(86) **EP søkn.nr:** 17735019.6
(86) **EP innl.dag:** 2017.06.20
(87) **EP publ.dag:** 2019.04.24
(80) **EP meddelt :** 2022.04.27
(30) **Prioritet:** 2016.06.20, BE, 201605451
(86) **Int.inndag :** 2017.06.20
(86) **Int.søknadsnr :** PCT/EP2017/064996
(73) **Innehaver:**
Desotec NV, Regenbeekstraat 448800 Roeselare, BE-Belgia
- (72) **Oppfinner:**
DESMET, Joost, Oude Iepersestraat 198870 Izegem, BE-Belgia
SEYNAEVE, Rikie, Blekerijstraat 1768870 Izegem, BE-Belgia
CALLEWAERT, Jeroen, Kappaertstraat 1028550 Zwevegem, BE-Belgia
CRAEYE, Johan, Ysselbosstraat 58870 Izegem, BE-Belgia
- (74) **Fullmektig:**
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**
MOBILE FILTER DEVICE FOR CORROSIVE SUBSTANCES

- (51) **Klasse :** **B01L 7/00 (2006.01)**
B01L 9/06 (2006.01)
G01N 21/03 (2006.01)
G01N 21/25 (2006.01)
G01N 21/27 (2006.01)
- (87) **EP Publ.nr:** EP3126052
(86) **EP søkn.nr:** 15718257.7
(86) **EP innl.dag:** 2015.04.07
(87) **EP publ.dag:** 2017.02.08
(80) **EP meddelt :** 2022.02.16
(30) **Prioritet:** 2014.04.04, GB, 201406175
(86) **Int.inndag :** 2015.04.07
(86) **Int.søknadsnr :** PCT/GB2015/051067
(73) **Innehaver:**
IT-IS International Ltd, 1 Wainstones Court Stokesley Business Park Stokesley, North Yorkshire TS9 5JY, GB-Storbritannia
- (72) **Oppfinner:**
HOWELL, James Richard, 3 The Stables Skutterskelfe Yarm TS15 0JP, GB-Storbritannia
WEBSTER, Benjamin Masterman, Teddy's Nook Marine Parade Saltburn Cleveland TS12 1DP, GB-Storbritannia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
BIOCHEMICAL REACTION SYSTEM

- (51) **Klasse :** **B06B 1/06 (2006.01)**
G01H 11/08 (2006.01)
G10K 11/00 (2006.01)
- (87) **EP Publ.nr:** EP3265245
(86) **EP søkn.nr:** 16707379.0
(86) **EP innl.dag:** 2016.02.03
(87) **EP publ.dag:** 2018.01.10
(80) **EP meddelt :** 2022.03.30
(30) **Prioritet:** 2015.03.06, DE, 102015103306
(86) **Int.inndag :** 2016.02.03
(86) **Int.søknadsnr :** PCT/DE2016/100047
(73) **Innehaver:**
ATLAS ELEKTRONIK GmbH, Sebaldsbrücker Heerstraße 23528309 Bremen, DE-Tyskland
- (72) **Oppfinner:**
BUSCH, Rainer, Lüntjenweg 59 B26131 Oldenburg, DE-Tyskland
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
ACOUSTIC TRANSDUCER FOR RECEIVING WATERBORNE SOUND SHOCK WAVES, ACOUSTIC TRANSDUCER DEVICE, AND SONAR

- (51) **Klasse :** **B07C 5/02 (2006.01)**
B07C 5/10 (2006.01)
B07C 5/34 (2006.01)
B07C 5/342 (2006.01)
B07C 5/36 (2006.01)
B07C 5/38 (2006.01)
G01N 23/223 (2006.01)
- (87) **EP Publ.nr:** EP3322544
(86) **EP søkn.nr:** 16825313.6
(86) **EP innl.dag:** 2016.07.18
(87) **EP publ.dag:** 2018.05.23
(80) **EP meddelt :** 2022.06.08
(30) **Prioritet:** 2015.07.16, US, 201562193332 P
(86) **Int.inndag :** 2016.07.18
(86) **Int.søknadsnr :** PCT/US2016/042850
(73) **Innehaver:**
Sortera Alloys, Inc., 6729 Harbour Town Lane Fort Worth TX 76132, US-USA
- (72) **Oppfinner:**
GARCIA, Manuel Gerardo, 3800 Nicolasville Road 6915 Lexington, Kentucky 40503, US-USA
KUMAR, Nalin, UHV Technologies, Inc. 450 South Freeway Fort Worth, Texas 76104-3503, US-USA
DAS, Subodh, 7730 Carondelet Ave. Suite 110 Clayton, Missouri 63105, US-USA
- (74) **Fullmektig:**
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**
MATERIAL SORTING SYSTEM

(51) **Klasse :** **B29C 48/02 (2019.01)**
B29C 48/05 (2019.01)
B29C 48/92 (2019.01)
B29C 64/106 (2017.01)
B29C 48/87 (2019.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)

(87) **EP Publ.nr:** EP2928672
(86) **EP søkn.nr:** 13861105.8
(86) **EP innl.dag:** 2013.09.20
(87) **EP publ.dag:** 2015.10.14
(80) **EP meddelt :** 2022.03.30
(30) **Prioritet:** 2012.12.05, US, 201261733689 P
2013.03.14, US, 201313831050

(86) **Int.inndag :** 2013.09.20
(86) **Int.søknadsnr :** PCT/US2013/061004

(73) **Innehaver:**
WobbleWorks, Inc., 1209 Orange Street
Wilmington DE 19801, US-USA

(72) **Oppfinner:**
DILWORTH, Peter, 2 Baldwin Pl.
Everett, MA 02149, US-USA
BOGUE, Maxwell, 176 E 3rd St.
Apt 6B New York, NY 10009-7770,
US-USA

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

(54) **Benevnelse:**
HAND-HELD THREE-DIMENSIONAL
DRAWING DEVICE

(51) **Klasse :** **B30B 9/30 (2006.01)**

(87) **EP Publ.nr:** EP3381671
(86) **EP søkn.nr:** 18160005.7
(86) **EP innl.dag:** 2018.03.05
(87) **EP publ.dag:** 2018.10.03
(80) **EP meddelt :** 2022.04.27
(30) **Prioritet:** 2017.03.06, DK,
PA201700157

(73) **Innehaver:**
Hansen, Preben From, Bakkevej
84250 Fuglebjerg, DK-Danmark

(72) **Oppfinner:**
Hansen, Preben From, Bakkevej
84250 Fuglebjerg, DK-Danmark
Schwarte, Jan, Bergstrasse
526906 Dersum, DE-Tyskland

(74) **Fullmektig:**
Tenna Marian Pedersen, c/o IP
Station AB, Box 35, 68323
HAGFORS, Sverige

(54) **Benevnelse:**
COMPACTING APPARATUS AND
METHOD FOR COMPRESSING
WASTE MATERIAL AND USE OF
THE COMPACTING APPARATUS
FOR PERFORMING THE METHOD

(51) **Klasse :** **B60L 53/16 (2019.01)**
B60L 53/18 (2019.01)
B60L 53/66 (2019.01)

(87) **EP Publ.nr:** EP3744562
(86) **EP søkn.nr:** 19176829.0
(86) **EP innl.dag:** 2019.05.27
(87) **EP publ.dag:** 2020.12.02
(80) **EP meddelt :** 2022.04.13

(73) **Innehaver:**
ABB Schweiz AG, Bruggerstrasse
665400 Baden, CH-Sveits

(72) **Oppfinner:**
Villanyi, Balazs, Keizer Karelstraat
52613 JW Delft, NL-Nederland
Raaijmakers, Stefan, Weteringlaan
42613 WN Delft, NL-Nederland
Bech, Lars Peter, Burgemeester
Verveenstraat 113119 JA
Schiedam, NL-Nederland
Bilderbeek, Rolf, John Coltranestraat
693543 GN Utrecht, NL-Nederland

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

(54) **Benevnelse:**
ELECTRIC VEHICLE SUPPLY
EQUIPMENT FOR CHARGING AN
ELECTRICAL VEHICLE

(51) **Klasse :** **B62D 55/20 (2006.01)**
B62D 55/04 (2006.01)
B62D 55/26 (2006.01)
B62D 55/275 (2006.01)

(87) **EP Publ.nr:** EP3798107
(86) **EP søkn.nr:** 19200441.4
(86) **EP innl.dag:** 2019.09.30
(87) **EP publ.dag:** 2021.03.31
(80) **EP meddelt :** 2022.02.23

(73) **Innehaver:**
Olofsfors AB, Olofsfors 11914 91
Nordmaling, SE-Sverige

(72) **Oppfinner:**
Torfve Sandgren, Christoffer,
Hagmarksvägen 21903 45
Umeå, SE-Sverige

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

(54) **Benevnelse:**
TRACK SECTION WITH CROSSBAR
AND TRACK BELT FORMED BY
SUCH TRACK SECTIONS

(51) **Klasse :** **B63B 27/16 (2006.01)**
B63B 35/54 (2006.01)
B63H 21/17 (2006.01)
B63J 3/00 (2006.01)

(87) **EP Publ.nr:** EP3753840
(86) **EP søkn.nr:** 20190421.6
(86) **EP innl.dag:** 2017.11.02
(87) **EP publ.dag:** 2020.12.23
(80) **EP meddelt :** 2022.04.20

(30) **Prioritet:** 2016.11.04, NO,
20161753

(73) **Innehaver:**
Vard Electro AS, Tennfjordvegen
1136264 Tennfjord Norge

(72) **Oppfinner:**
SØVIK, Christian, Niklavegen
186280 Søvik Norge

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

(54) **Benevnelse:**
A TRANSPORT SYSTEM AND
METHOD

- (51) **Klasse :** **B63H 23/24 (2006.01)**
B63H 3/08 (2006.01)
B63H 21/17 (2006.01)
- (87) **EP Publ.nr:** EP3666639
(86) **EP søkn.nr:** 18211692.1
(86) **EP innl.dag:** 2018.12.11
(87) **EP publ.dag:** 2020.06.17
(80) **EP meddelt :** 2022.04.06
(73) **Innehaver:**
Berg Propulsion Production AB, Längesand 1, Box
1005475 22 Öckerö, SE-Sverige
- (72) **Oppfinner:**
HANSSON, Mattias, Tärnvägen 15475 40 Höno, SE-
Sverige
- (74) **Fullmektig:**
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,
Norge
- (54) **Benevnelse:**
PROPULSION SYSTEM FOR A MARINE VESSEL

- (51) **Klasse :** **C01B 33/03 (2006.01)**
- (87) **EP Publ.nr:** EP2987771
(86) **EP søkn.nr:** 14785316.2
(86) **EP innl.dag:** 2014.04.16
(87) **EP publ.dag:** 2016.02.24
(80) **EP meddelt :** 2022.04.27
(30) **Prioritet:** 2013.04.16, CN, 201310131179
(86) **Int.inndag :** 2014.04.16
(86) **Int.søknadsnr :** PCT/CN2014/000415
(73) **Innehaver:**
Jiangsu Zhongneng Polysilicon Technology Development
Co., Ltd., 66 Yangshan Road Xuzhou Economic
Development Zone Jiangsu Province 221004, CN-Kina
- (72) **Oppfinner:**
JIANG, Wenwu, c/o Jiangsu Zhongneng Polysilicon
Technology Development Co., Ltd.66 Yangshan
Road Economic Development Zone Xuzhou Jiangsu 221004,
CN-Kina
JIANG, Hongfu, c/o Jiangsu Zhongneng Polysilicon
Technology Development Co., Ltd.66 Yangshan
Road Economic Development Zone Xuzhou Jiangsu 221004,
CN-Kina
WU, Feng, c/o Jiangsu Zhongneng Polysilicon Technology
Development Co., Ltd.66 Yangshan Road Economic
Development Zone Xuzhou Jiangsu 221004, CN-Kina
ZHONG, Zhenwu, c/o Jiangsu Zhongneng Polysilicon
Technology Development Co., Ltd.66 Yangshan
Road Economic Development Zone Xuzhou Jiangsu 221004,
CN-Kina
CHEN, Wenlong, c/o Jiangsu Zhongneng Polysilicon
Technology Development Co., Ltd.66 Yangshan
Road Economic Development Zone Xuzhou Jiangsu 221004,
CN-Kina
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
FLUIDIZED BED REACTOR AND METHOD THEREOF
FOR PREPARING HIGH-PURITY GRANULAR
POLYCRYSTALLINE SILICON

- (51) **Klasse :** **C02F 1/72 (2006.01)**
A62D 3/00 (2006.01)
B09C 1/00 (2006.01)
B09C 1/08 (2006.01)
C02F 1/54 (2006.01)
C02F 1/66 (2006.01)
C07C 27/16 (2006.01)
C02F 101/30 (2006.01)
C02F 101/32 (2006.01)
C02F 101/36 (2006.01)
- (87) **EP Publ.nr:** EP2828208
(86) **EP søkn.nr:** 13764134.6
(86) **EP innl.dag:** 2013.03.21
(87) **EP publ.dag:** 2015.01.28
(80) **EP meddelt :** 2022.02.23
(30) **Prioritet:** 2012.03.22, US, 201261614242 P
(86) **Int.inndag :** 2013.03.21
(86) **Int.søknadsnr :** PCT/US2013/033211
(73) **Innehaver:**
Evonik Active Oxygens, LLC, One Commerce Square 2005
Market Street, Suite 3200 Philadelphia, PA 19103, US-USA
- (72) **Oppfinner:**
PISANOVA, Elena, 449 Sagewood Terrace Amherst, NY
14221, US-USA
BLOCK, Philip, 357 Wilits Way Garnet Valley, PA 19061,
US-USA
- (74) **Fullmektig:**
Evonik Active Oxygens, LLC, One Commerce Square,
2005 Market Street, Suite 3200, PA19103 PHILADELPHIA,
USA
- (54) **Benevnelse:**
ORGANIC ACID ACTIVATION OF PERSULFATES

- (51) **Klasse :** **C07C 1/24 (2006.01)**
B01J 21/06 (2006.01)
B01J 21/08 (2006.01)
B01J 23/06 (2006.01)
B01J 23/08 (2006.01)
B01J 23/10 (2006.01)
B01J 27/18 (2006.01)
B01J 37/03 (2006.01)
B01J 37/04 (2006.01)
B01J 37/08 (2006.01)
C07C 1/207 (2006.01)
C07C 1/30 (2006.01)
C07C 29/60 (2006.01)
C07C 49/203 (2006.01)
- (87) **EP Publ.nr:** EP3102554
(86) **EP søkn.nr:** 15742636.2
(86) **EP innl.dag:** 2015.01.28
(87) **EP publ.dag:** 2016.12.14
(80) **EP meddelt :** 2022.04.20
(30) **Prioritet:** 2014.02.03, US, 201461935050 P
(86) **Int.inndag :** 2015.01.28
(86) **Int.søknadsnr :** PCT/US2015/013312
(73) **Innehaver:**
Battelle Memorial Institute, P.O. Box 999 Richland,
Washington 99352, US-USA
- (72) **Oppfinner:**
LILGA, Michael, A., P.O. Box 999 Richland, WA 99352, US-
USA
FRYE, Jr., John, G., P.O. Box 999 Richland, WA 99352,
US-USA
LEE, Suh-Jane, P.O. Box 999 Richland, WA 99352, US-
USA
ALBRECHT, Karl, O., P.O. Box 999 Richland, WA 99352,
US-USA
- (74) **Fullmektig:**
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**
CONVERSION OF 2,3-BUTANEDIOL TO BUTADIENE

- (51) **Klasse :** *C07C 1/24 (2006.01)*
B01J 23/10 (2006.01)
B01J 29/08 (2006.01)
B01J 29/70 (2006.01)
C07C 11/167 (2006.01)
C07C 29/60 (2006.01)
C07C 33/025 (2006.01)
C07C 33/03 (2006.01)
- (87) **EP Publ.nr:** EP3529227
(86) **EP søkn.nr:** 17783534.5
(86) **EP innl.dag:** 2017.10.18
(87) **EP publ.dag:** 2019.08.28
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2016.10.19, IT, 201600105178
(86) **Int.inndag :** 2017.10.18
(86) **Int.søknadsnr :** PCT/EP2017/076554
(73) **Innehaver:**
Versalis S.p.A., Piazza Boldrini, 120097 San Donato Milanese, IT-Italia
- (72) **Oppfinner:**
DELLEDONNE, Daniele, Via Romana 5628047 Oleggio (NO), IT-Italia
CESANA, Alberto, Vicolo Del Castagno 1328066 Galliate (NO), IT-Italia
MATTACHINI, Marco, Via Castello 128040 Mezzomerico (NO), IT-Italia
PASTORI, Monica Vittoria, Via Bellotti 620012 Cuggiono (MI), IT-Italia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PROCESS FOR PRODUCING DIENES

- (51) **Klasse :** *C07C 209/16 (2006.01)*
C07C 211/18 (2006.01)
C07C 213/02 (2006.01)
C07C 215/20 (2006.01)
- (87) **EP Publ.nr:** EP3774716
(86) **EP søkn.nr:** 19712230.2
(86) **EP innl.dag:** 2019.03.27
(87) **EP publ.dag:** 2021.02.17
(80) **EP meddelt :** 2022.03.16
(30) **Prioritet:** 2018.04.06, EP, 18165995
(86) **Int.inndag :** 2019.03.27
(86) **Int.søknadsnr :** PCT/EP2019/057682
(73) **Innehaver:**
BASF SE, Carl-Bosch-Strasse 3867056 Ludwigshafen am Rhein, DE-Tyskland
- (72) **Oppfinner:**
ERNST, Martin, Carl-Bosch-Strasse 3867056 Ludwigshafen, DE-Tyskland
ALTENHOFF, Ansgar Gereon, Carl-Bosch-Strasse 3867056 Ludwigshafen, DE-Tyskland
LUYKEN, Hermann, Carl-Bosch-Strasse 3867056 Ludwigshafen, DE-Tyskland
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
PROCESS FOR THE PREPARATION OF AMINES

- (51) **Klasse :** *C07D 231/56 (2006.01)*
- (87) **EP Publ.nr:** EP2819998
(86) **EP søkn.nr:** 13710189.5
(86) **EP innl.dag:** 2013.02.27
(87) **EP publ.dag:** 2015.01.07
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2012.03.01, US, 201261605572 P
(86) **Int.inndag :** 2013.02.27
(86) **Int.søknadsnr :** PCT/US2013/027979
(73) **Innehaver:**
Array BioPharma Inc., 3200 Walnut StreetBoulder, CO 80301, US-USA
- (72) **Oppfinner:**
ARRIGO, Alisha B., c/o Array BioPharma Inc.3200 Walnut StreetBoulder, Colorado 80301, US-USA
CORSON, Donald T., c/o Array BioPharma Inc.3200 Walnut StreetBoulder, Colorado 80301, US-USA
MANNILA, Coralee G., c/o Array BioPharma Inc.3200 Walnut StreetBoulder, Colorado 80301, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
CRYSTALLINE FORMS OF 1-(3-TERT-BUTYL-1-P-TOLYL-1H-PYRAZOL-5-YL)-3-(5-FLUORO-2-(1-(2-HYDROXYETHYL)-1H-INDAZOL-5-YLOXY)BENZYL)UREA HYDROCHLORIDE

- (51) **Klasse :** *C07D 233/64 (2006.01)*
A61K 31/4164 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/422 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/497 (2006.01)
A61K 31/506 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
A61P 43/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
- (87) **EP Publ.nr:** EP3401310
(86) **EP søkn.nr:** 16878135.9
(86) **EP innl.dag:** 2016.10.25
(87) **EP publ.dag:** 2018.11.14
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2015.12.25, JP, 2015254016
(86) **Int.inndag :** 2016.10.25
(86) **Int.søknadsnr :** PCT/JP2016/081633
(73) **Innehaver:**
Otsuka Pharmaceutical Factory, Inc., 115, Aza Kuguhara Tateiwa Muya-choNaruto-shi, Tokushima 772-8601, JP-Japan
- (72) **Oppfinner:**
IWATA, Koushi, Naruto-shiTokushima 772-8601, JP-Japan
SHIBUTANI, Tadao, Naruto-shiTokushima 772-8601, JP-Japan
KIDO, Satoshi, Naruto-shiTokushima 772-8601, JP-Japan
MORI, Daisuke, Naruto-shiTokushima 772-8601, JP-Japan
YOSHIOKA, Hidenori, Naruto-shiTokushima 772-8601, JP-Japan
NAKATA, Hikaru, Naruto-shiTokushima 772-8601, JP-Japan
ISHIMARU, Akiko, Naruto-shiTokushima 772-8601, JP-Japan
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
PHENYLIMIDAZOLE COMPOUND

- (51) **Klasse :** C07D 239/47 (2006.01)
 A61K 31/4418 (2006.01)
 A61K 31/505 (2006.01)
 A61K 31/506 (2006.01)
 A61K 31/513 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 35/00 (2006.01)
 A61P 35/02 (2006.01)
 C07D 213/68 (2006.01)
 C07D 213/73 (2006.01)
 C07D 213/74 (2006.01)
 C07D 239/48 (2006.01)
 C07D 401/04 (2006.01)
 C07D 401/12 (2006.01)
 C07D 401/14 (2006.01)
 C07D 403/04 (2006.01)
 C07D 403/12 (2006.01)
 C07D 403/14 (2006.01)
 C07D 413/12 (2006.01)
 C07D 413/14 (2006.01)
 C07D 495/04 (2006.01)
- (87) **EP Publ.nr:** EP2718270
 (86) **EP søkn.nr:** 12728011.3
 (86) **EP innl.dag:** 2012.06.10
 (87) **EP publ.dag:** 2014.04.16
 (80) **EP meddelt :** 2022.04.27
 (30) **Prioritet:** 2011.06.10, US, 201161495773 P
 (86) **Int.inndag :** 2012.06.10
 (86) **Int.søknadsnr :** PCT/US2012/041803
 (73) **Innehaver:**
 Merck Patent GmbH, Frankfurter Strasse 25064293
 Darmstadt, DE-Tyskland
- (72) **Oppfinner:**
 HODOUS, Brian L., 250 Chestnut StreetCambridge,
 Massachusetts 02139, US-USA
 LIU-BUJALSKI, Lesley, 75 Page RoadUnit 4Bedford,
 Massachusetts 01730, US-USA
 JONES, Reinaldo, 31 Highland Ave.Lowell, Massachusetts
 01851, US-USA
 BANKSTON, Donald, 58 Hilltop RoadDracut,
 Massachusetts 01826, US-USA
 JOHNSON, Theresa L., 28 English StreetSalem,
 Massachusetts 01970, US-USA
 MOCHALKIN, Igor, 25 Bedford StreetBurlington,
 Massachusetts 01803, US-USA
 NGUYEN, Ngan, 63 Marshall StreetUnit 1FSomerville,
 Massachusetts 02145, US-USA
 QIU, Hui, 20 Robinwood RoadActon, Massachusetts
 01720, US-USA
 GOUTOPOULOS, Andreas, 73 Worcester Street Apt.
 5Boston, Massachusetts 02118, US-USA
 BRUGGER, Nadia, 7 Haskell StreetCambridge,
 Massachusetts 02140, US-USA
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
 COMPOSITIONS AND METHODS FOR THE
 PRODUCTION OF PYRIMIDINE AND PYRIDINE
 COMPOUNDS WITH BTK INHIBITORY ACTIVITY

- (51) **Klasse :** C07D 401/10 (2006.01)
 C07C 233/00 (2006.01)
- (87) **EP Publ.nr:** EP3765452
 (86) **EP søkn.nr:** 19708556.6
 (86) **EP innl.dag:** 2019.03.08
 (87) **EP publ.dag:** 2021.01.20
 (80) **EP meddelt :** 2022.04.13
 (30) **Prioritet:** 2018.03.15, EP, 18161983
 (86) **Int.inndag :** 2019.03.08
 (86) **Int.søknadsnr :** PCT/EP2019/055815
 (73) **Innehaver:**
 Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 151373
 Leverkusen, DE-Tyskland
 Bayer Pharma Aktiengesellschaft, Müllerstrasse 17813353
 Berlin, DE-Tyskland
- (72) **Oppfinner:**
 EGGER, Julian, Anton-Küppers-Weg 1542855 Remscheid,
 DE-Tyskland
 GÖTZ, Daniel, Martinstr. 4640223 Düsseldorf, DE-Tyskland
 SOWA, Michal, Kempers Häuschen 1042109 Wuppertal,
 DE-Tyskland
- (74) **Fullmektig:**
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
 CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
 PREPARATIVE PROCESS OF TWO 4-[(2S)-2-4-[5-
 CHLORO-2-(1H-1,2,3-TRIAZOL-1-YL)PHENYL]-5-
 METHOXY-2-OXOPYRIDIN-1(2H)-YL]BUTANOYL]AMINO-
 2-FLUOROBENZAMIDE DERIVATIVES

- (51) **Klasse :** C07D 471/04 (2006.01)
 A61K 31/4745 (2006.01)
 A61P 25/28 (2006.01)
 A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3683220
 (86) **EP søkn.nr:** 20156172.7
 (86) **EP innl.dag:** 2016.09.15
 (87) **EP publ.dag:** 2020.07.22
 (80) **EP meddelt :** 2022.04.13
 (30) **Prioritet:** 2015.09.17, GB, 201516504
 (73) **Innehaver:**
 Astrazeneca AB, 151 85 Södertälje, SE-Sverige
- (72) **Oppfinner:**
 PIKE, Kurt, Gordon, AstraZenecaDarwin
 BuildingCambridge Science Park Milton RoadCambridge
 CB4 0WG, GB-Storbritannia
 BARLAAM, Bernard Christophe, AstraZenecaDarwin
 BuildingCambridge Science Park Milton
 RoadCambridgeCambridgeshire CB4 0WG, GB-
 Storbritannia
 HUNT, Thomas Anthony, AstraZenecaDarwin
 BuildingCambridge Science Park Milton
 RoadCambridgeCambridgeshire CB4 0WG, GB-
 Storbritannia
 EATHERTON, Andrew John, AstraZenecaHodgkin Building
 Chesterford Research ParkLittle ChesterfordEssex CB10
 1XL, GB-Storbritannia
- (74) **Fullmektig:**
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
 CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
 8-[6-[3-(AMINO)PROPOXY]-3-PYRIDYL]-1-ISOPROPYL-
 IMIDAZO[4,5-C]QUINOLIN-2-ONE DERIVATIVES AS
 SELECTIVE MODULATORS OF ATAXIA
 TELANGIECTASIA MUTATED (ATM) KINASE FOR THE
 TREATMENT OF HUNTINGTON'S DISEASE

- (51) **Klasse :** C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/40 (2006.01)
G01N 33/53 (2006.01)
G01N 33/574 (2006.01)
- (87) **EP Publ.nr:** EP3383916
(86) **EP søkn.nr:** 18733153.3
(86) **EP innl.dag:** 2018.01.23
(87) **EP publ.dag:** 2018.10.10
(80) **EP meddelt :** 2022.02.23
(30) **Prioritet:** 2017.01.24, WO, PCT/CN17/072445
(86) **Int.inndag :** 2018.01.23
(86) **Int.søknadsnr :** PCT/CN2018/073746
(73) **Innehaver:**
I-Mab Biopharma US Limited, 9801 Washingtonian Blvd,
Suite 710Gaithersburg, MD 20878, US-USA
- (72) **Oppfinner:**
WANG, Zhengyi, Suite 802, West TowerOmniVision Tech
Park88 Shangke RoadPudong New DistrictShanghai
201210, CN-Kina
FANG, Lei, Suite 802, West TowerOmniVision Tech Park88
Shangke RoadPudong New DistrictShanghai 201210, CN-
Kina
GUO, Bingshi, Suite 802, West TowerOmniVision Tech
Park88 Shangke RoadPudong New DistrictShanghai
201210, CN-Kina
ZANG, Jingwu, Suite 802, West TowerOmniVision Tech
Park88 Shangke RoadPudong New DistrictShanghai
201210, CN-Kina
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
ANTI-CD73 ANTIBODIES AND USES THEREOF

- (51) **Klasse :** C08G 18/48 (2006.01)
B32B 5/18 (2006.01)
B32B 5/24 (2006.01)
B32B 5/32 (2006.01)
B32B 7/12 (2006.01)
B32B 13/04 (2006.01)
B32B 15/04 (2006.01)
B32B 15/18 (2006.01)
B32B 15/20 (2006.01)
B32B 27/40 (2006.01)
C08G 18/20 (2006.01)
C08G 18/30 (2006.01)
C08G 18/76 (2006.01)
C09J 175/08 (2006.01)
E04C 2/292 (2006.01)
- (87) **EP Publ.nr:** EP3749699
(86) **EP søkn.nr:** 19701385.7
(86) **EP innl.dag:** 2019.01.30
(87) **EP publ.dag:** 2020.12.16
(80) **EP meddelt :** 2022.03.09
(30) **Prioritet:** 2018.02.07, EP, 18155625
(86) **Int.inndag :** 2019.01.30
(86) **Int.søknadsnr :** PCT/EP2019/052175
(73) **Innehaver:**
BASF SE, Carl-Bosch-Strasse 3867056 Ludwigshafen am
Rhein, DE-Tyskland
- (72) **Oppfinner:**
JACOBMEIER, Olaf, Elastogranstraße 6049448
Lemfoerde, DE-Tyskland
KRONIG, Sabrina, Elastogranstraße 6049448 Lemfoerde,
DE-Tyskland
HUSKOBLA, Antje, Elastogranstraße 6049448 Lemfoerde,
DE-Tyskland
RENNER, Christian, Elastogranstraße 6049448 Lemfoerde,
DE-Tyskland
HUNTEMANN, Peter, Elastogranstraße 6049448
Lemfoerde, DE-Tyskland
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
COMPOSITE ELEMENTS MADE FROM THERMAL
INSULATING MATERIAL, ADHESIVE AND COVERING

- (51) **Klasse :** C09K 3/30 (2006.01)
C07C 21/18 (2006.01)
C08J 9/14 (2006.01)
C09K 5/04 (2006.01)
- (87) **EP Publ.nr:** EP2634232
(86) **EP søkn.nr:** 13169896.1
(86) **EP innl.dag:** 2009.05.07
(87) **EP publ.dag:** 2013.09.04
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2008.05.07, US, 126810
(73) **Innehaver:**
The Chemours Company FC, LLC, 1007 Market
StreetWilmington DE 19801, US-USA
- (72) **Oppfinner:**
Mahler, Barry Asher, 104 Carter WayGlen Mills, PA
Pennsylvania 19342, US-USA
Nappa, Mario Joseph, 3 Oakridge CourtNewark, DE
Delaware 19711, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
Compositions

- (51) **Klasse :** C12M 1/00 (2006.01)
C12M 1/34 (2006.01)
- (87) **EP Publ.nr:** EP3697887
- (86) **EP søkn.nr:** 18797333.4
- (86) **EP innl.dag:** 2018.10.15
- (87) **EP publ.dag:** 2020.08.26
- (80) **EP meddelt :** 2022.04.06
- (30) **Prioritet:** 2017.10.16, US, 201762572918 P
- (86) **Int.inndag :** 2018.10.15
- (86) **Int.søknadsnr :** PCT/US2018/055891
- (73) **Innehaver:**
Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River RoadTarrytown, NY 10591, US-USA
- (72) **Oppfinner:**
ANGELINI, Matthew, c/o Regeneron Pharmaceuticals Inc.777 Old Saw Mill River RoadTarrytown,NY 10591, US-USA
WITMER, Ashley, c/o Regeneron Pharmaceuticals Inc.777 Old Saw Mill River RoadTarrytown,NY 10591, US-USA
DEBIASE, Anthony, 711 Linda AvenueThornwood,New York 10594, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PERFUSION METHODS

- (51) **Klasse :** C12M 1/33 (2006.01)
A61B 10/00 (2006.01)
B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
G01N 1/28 (2006.01)
G01N 1/38 (2006.01)
- (87) **EP Publ.nr:** EP3146307
- (86) **EP søkn.nr:** 15792173.5
- (86) **EP innl.dag:** 2015.05.13
- (87) **EP publ.dag:** 2017.03.29
- (80) **EP meddelt :** 2022.03.23
- (30) **Prioritet:** 2014.05.14, US, 201461992993 P
- (86) **Int.inndag :** 2015.05.13
- (86) **Int.søknadsnr :** PCT/CA2015/050434
- (73) **Innehaver:**
DNA Genotek Inc., 3000-500 Palladium DriveKanata, Ontario K2V 1C2, CA-Canada
- (72) **Oppfinner:**
JACKSON, Adele, 85 Forest Creek DriveStittsville, Ontario K2S 1M3, CA-Canada
ACERO, Maria Mercedes, 209 Davy StreetKanata, Ontario K2M 0H5, CA-Canada
DOUKHANINE, Evgueni Vladimirovitch, 5 Brandy CreekOttawa, Ontario K2M 2B8, CA-Canada
IWASLOW, Rafal Michal, 189 Third AvenueOttawa, Ontario K1S 2K2, CA-Canada
MERINO HERNANDEZ, Carlos Alberto, 31 Saffron CourtNepean, Ontario K2J 4R7, CA-Canada
BIRNBOIM, H. Chaim, 1552 Featherston DriveOttawa, Ontario K1H 6P2, CA-Canada
LIBERTY, Jonathan D., 90 Park Lawn RoadSuite 2902Toronto, Ontario M8Y 0B6, CA-Canada
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
DEVICE FOR COLLECTING, TRANSPORTING AND STORING BIOMOLECULES FROM A BIOLOGICAL SAMPLE AND CORRESPONDING METHOD

- (51) **Klasse :** C12N 15/867 (2006.01)
A61K 39/00 (2006.01)
A61K 39/29 (2006.01)
- (87) **EP Publ.nr:** EP3491139
- (86) **EP søkn.nr:** 17749145.3
- (86) **EP innl.dag:** 2017.07.20
- (87) **EP publ.dag:** 2019.06.05
- (80) **EP meddelt :** 2022.04.06
- (30) **Prioritet:** 2016.07.27, EP, 16305976
- (86) **Int.inndag :** 2017.07.20
- (86) **Int.søknadsnr :** PCT/EP2017/068412
- (73) **Innehaver:**
Theravectys, Bâtiment Pasteur Biotop 28 Rue du Docteur Roux75015 Paris, FR-Frankrike
- (72) **Oppfinner:**
JAMILUDDIN, Mohamad, 7107 Oberlin CircleFrederick, Maryland 21703, US-USA
BEJANARIU, Ana, 37 Cours de l'Île Seguin(Chez Virgal Gérard) A30292100 Boulogne-Billancourt, FR-Frankrike
SARRY, Emeline, 8 rue Hoche92240 Malakoff, FR-Frankrike
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
LENTIVIRAL VECTORS FOR EXPRESSION OF HEPATITIS B VIRUS (HBV) ANTIGENS

- (51) **Klasse :** C12Q 1/6816 (2018.01)
C12Q 1/689 (2018.01)
- (87) **EP Publ.nr:** EP3285926
- (86) **EP søkn.nr:** 16720030.2
- (86) **EP innl.dag:** 2016.04.21
- (87) **EP publ.dag:** 2018.02.28
- (80) **EP meddelt :** 2022.03.02
- (30) **Prioritet:** 2015.04.21, US, 201562150677 P
2016.02.05, US, 201662292091 P
2016.02.24, US, 201662299088 P
- (86) **Int.inndag :** 2016.04.21
- (86) **Int.søknadsnr :** PCT/US2016/028681
- (73) **Innehaver:**
ISOLATION BIO INC., 733 Industrial RoadSan Carlos, CA 94070, US-USA
- (72) **Oppfinner:**
BLAINEY, Paul C., 8 James WayCambridge, Massachusetts 02141, US-USA
SEELY, Michael W., 1877 Robinson AvenueSan Diego, California 92103, US-USA
STOCKER, Roman, Bolleystrasse 358006 Zürich, CH-Sveits
ZENGLER, Karsten, 766 Cathy LaneCardiff by the Sea, California 92007, US-USA
CONRADSON, Scott, 13020 Cumbra Vista Ct.Los Altos Hills, California 94022, US-USA
CHRISTEY, Peter, 3828 26th StreetSan Francisco, California 94131, US-USA
HALLOCK, Alexander, 105 Camellia AvenueRedwood City, California 94061, US-USA
- (74) **Fullmektig:**
Cosmovici Intellectual Property, Rue du Commerce 4, 1204 GENÈVE, Sveits
- (54) **Benevnelse:**
KIT AND METHOD FOR HIGH THROUGHPUT MICROBIOLOGY APPLICATIONS

- (51) **Klasse :** C23C 16/24 (2006.01)
B01J 3/00 (2006.01)
B01J 4/00 (2006.01)
B01J 15/00 (2006.01)
B01J 19/28 (2006.01)
C22C 38/02 (2006.01)
C23C 16/44 (2006.01)
C23C 16/455 (2006.01)
C23C 16/54 (2006.01)
H01J 37/32 (2006.01)
H01M 4/88 (2006.01)
H01M 4/36 (2006.01)
H01M 4/38 (2006.01)
H01M 4/583 (2010.01)
H01M 4/62 (2006.01)
H01M 4/90 (2006.01)
H01M 10/0525 (2010.01)
- (87) **EP Publ.nr:** EP3778471
(86) **EP søkn.nr:** 20195843.6
(86) **EP innl.dag:** 2017.07.14
(87) **EP publ.dag:** 2021.02.17
(80) **EP meddelt :** 2022.04.20
(30) **Prioritet:** 2016.07.15, US, 201662363087 P
(73) **Innehaver:**
OneD Material, Inc., 2625 Hanover StreetPalo Alto, CA
94304, US-USA
- (72) **Oppfinner:**
ZHU, Yimin, 2625 Hanover StreetPalo Alto, ca California
94304, US-USA
PLUVINAGE, Vincent, 2625 Hanover StreetPalo Alto, CA
California 94304, US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
MANUFACTURING METHOD FOR MAKING SILICON
NANOWIRES ON CARBON BASED POWDERS FOR USE
IN BATTERIES
-
- (51) **Klasse :** D06N 5/00 (2006.01)
B29C 70/12 (2006.01)
D06N 3/00 (2006.01)
E04D 1/20 (2006.01)
- (87) **EP Publ.nr:** EP3508650
(86) **EP søkn.nr:** 19150433.1
(86) **EP innl.dag:** 2019.01.04
(87) **EP publ.dag:** 2019.07.10
(80) **EP meddelt :** 2022.03.23
(30) **Prioritet:** 2018.01.05, US, 201862614197 P
(73) **Innehaver:**
CertainTeed LLC, 20 Moores RoadMalvern, PA 19355, US-
USA
- (72) **Oppfinner:**
GACEK, Matthew, 8A Demond Pond RowRutland, MA
Massachusetts 05143, US-USA
BROWN, Nancy E., 51 Hilton DriveNew Braintree, MA
Massachusetts 01531, US-USA
PEET, Jeffrey H., 9 Atwood Rd.Southborough, MA
Massachusetts 01772, US-USA
GIARDELLA, Lucas, 550 AVENUE ALPHONSE JAUFFRE
BP 22484306 CAVAILLON, FR-Frankrike
YU, Tao, 98 Overbrook DriveWellesley, MA Massachusetts
02482, US-USA
- (74) **Fullmektig:**
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104
OSLO, Norge
- (54) **Benevnelse:**
A FIBER MAT, METHOD OF MAKING THE FIBER MAT,
AND BITUMINOUS ROOFING PRODUCT

- (51) **Klasse :** E01B 29/06 (2006.01)
B65D 19/00 (2006.01)
B65G 7/12 (2006.01)
E01B 29/05 (2006.01)
- (87) **EP Publ.nr:** EP3891334
(86) **EP søkn.nr:** 19818201.6
(86) **EP innl.dag:** 2019.11.29
(87) **EP publ.dag:** 2021.10.13
(80) **EP meddelt :** 2022.04.27
(30) **Prioritet:** 2018.12.05, FI, 20186054
(86) **Int.inndag :** 2019.11.29
(86) **Int.søknadsnr :** PCT/FI2019/050855
(73) **Innehaver:**
Kallion Raide Oy, C/o Mika Koivisto Liusketie 2 D 5700710
Helsinki, FI-Finland
- (72) **Oppfinner:**
KOIVISTO, Mika, Liusketie 2 D 5700710 Helsinki, FI-
Finland
- (74) **Fullmektig:**
O3C Konsult AB, Box 6088, 17106 SOLNA, Sverige
- (54) **Benevnelse:**
A DEVICE AND A METHOD FOR LAYING SLEEPERS ON
A BALLAST-BED FOR A RAILROAD

- (51) **Klasse :** E21B 7/00 (2006.01)
E21B 7/16 (2006.01)
- (87) **EP Publ.nr:** EP3209846
(86) **EP søkn.nr:** 15852455.3
(86) **EP innl.dag:** 2015.10.22
(87) **EP publ.dag:** 2017.08.30
(80) **EP meddelt :** 2022.03.09
(30) **Prioritet:** 2014.10.23, US, 201462067923 P
2015.10.21, US, 201514919657
(86) **Int.inndag :** 2015.10.22
(86) **Int.søknadsnr :** PCT/US2015/056947
(73) **Innehaver:**
Hypersciences, Inc., 2311 E Main Ave Suite 200Spokane
WA 99202, US-USA
- (72) **Oppfinner:**
RUSSELL, Mark, C., 2311 E Main AveSuite 200Spokane,
WA 99202, US-USA
ELDER, Timothy, John, 2311 E Main AveSuite
200Spokane, WA 99202, US-USA
- (74) **Fullmektig:**
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,
Frankrike
- (54) **Benevnelse:**
RAM ACCELERATOR SYSTEM WITH RAIL TUBE

- (51) **Klasse :** *E21B 23/14 (2006.01)*
E21B 23/00 (2006.01)
F16L 101/30 (2006.01)
- (87) **EP Publ.nr:** EP3732346
(86) **EP søkn.nr:** 18840012.1
(86) **EP innl.dag:** 2018.12.31
(87) **EP publ.dag:** 2020.11.04
(80) **EP meddelt :** 2022.02.09
(30) **Prioritet:** 2017.12.29, US, 201762611783 P
(86) **Int.inndag :** 2018.12.31
(86) **Int.søknadsnr :** PCT/US2018/068155
(73) **Innehaver:**
Saudi Arabian Oil Company, 1 Eastern Avenue Dhahran 31311, SA-Saudi Arabia
HONEYBEE ROBOTICS, LTD., 460 W. 34th Street New York, NY 10001, US-USA
- (72) **Oppfinner:**
SAEED, Abubaker, c/o Saudi Arabian Oil Company 1 Eastern Avenue 31311 Dhahran, SA-Saudi Arabia
ABDELAZIZ, Mohannad, c/o Saudi Arabian Oil Company 1 Eastern Avenue 31311 Dhahran, SA-Saudi Arabia
SADICK, Shazad, c/o Honeybee Robotics Ltd. 63 Flushing Ave, Building 128 Suite 120 Brooklyn, NY 11205, US-USA
SHASHO, Jeff, 1647 Venice Lane Longmont, Colorado 80503, US-USA
HERMAN, Jason, 6 Atlas Way East Northport, NY 11731, US-USA
WILSON, John, 759 42nd Street, 9 Brooklyn, NY 11232, US-USA
MAKSYMUK, Michael, 155 East 4th Street Apt 3G New York, NY 10009, US-USA
- (74) **Fullmektig:**
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**
DOWNHOLE MOBILITY MODULE FOR LOGGING AND INTERVENTION OF EXTENDED REACH WELLS

- (51) **Klasse :** *E21B 31/00 (2006.01)*
- (87) **EP Publ.nr:** EP3717735
(86) **EP søkn.nr:** 18826864.3
(86) **EP innl.dag:** 2018.11.30
(87) **EP publ.dag:** 2020.10.07
(80) **EP meddelt :** 2022.02.23
(30) **Prioritet:** 2017.12.01, US, 201715829446
(86) **Int.inndag :** 2018.11.30
(86) **Int.søknadsnr :** PCT/US2018/063280
(73) **Innehaver:**
Saudi Arabian Oil Company, 1 Eastern Avenue 31311 Dhahran, SA-Saudi Arabia
- (72) **Oppfinner:**
AL-QASIM, Abdulaziz, Saudi Arabian Oil Company P. O. Box 9616 - Saudi Aramco 31311 Dhahran, SA-Saudi Arabia
ALOUHALI, Raed, Saudi Arabian Oil Company P. O. Box 8651 - Saudi Aramco 31311 Dhahran, SA-Saudi Arabia
KOKAL, Sunil, Saudi Arabian Oil Company P. O. Box 1449 - Saudi Aramco 31311 Abqaiq, SA-Saudi Arabia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
SYSTEMS AND METHODS FOR STUCK PIPE MITIGATION

- (51) **Klasse :** *E21B 33/076 (2006.01)*
E21B 49/08 (2006.01)
- (87) **EP Publ.nr:** EP3283724
(86) **EP søkn.nr:** 16723802.1
(86) **EP innl.dag:** 2016.04.13
(87) **EP publ.dag:** 2018.02.21
(80) **EP meddelt :** 2022.03.23
(30) **Prioritet:** 2015.04.13, GB, 201506266
(86) **Int.inndag :** 2016.04.13
(86) **Int.søknadsnr :** PCT/GB2016/051036
(73) **Innehaver:**
Enpro Subsea Limited, 34 Albyn Place Aberdeen AB10 1FW, GB-Storbritannia
- (72) **Oppfinner:**
DONALD, Ian, Ramstone Mill House Monymusk Monymusk Inverurie, Aberdeenshire AB51 7JB, GB-Storbritannia
REID, John, Millhill Farm Cottage Inchture Monymusk Perth, Perthshire PH14 9SN, GB-Storbritannia
- (74) **Fullmektig:**
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**
APPARATUS, SYSTEMS AND METHODS FOR OIL AND GAS OPERATIONS

- (51) **Klasse :** *E21B 43/08 (2006.01)*
B01D 29/46 (2006.01)
B01D 35/02 (2006.01)
B01D 39/20 (2006.01)
E03B 3/18 (2006.01)
- (87) **EP Publ.nr:** EP3760831
(86) **EP søkn.nr:** 19184106.3
(86) **EP innl.dag:** 2019.07.03
(87) **EP publ.dag:** 2021.01.06
(80) **EP meddelt :** 2022.03.23
(73) **Innehaver:**
3M Innovative Properties Company, 3M Center Saint Paul, MN 55133-3427, US-USA
- (72) **Oppfinner:**
Meschke, Frank, An der Rottach 1387474 Buchenberg, DE-Tyskland
Victor, Georg, Amselweg 1387487 Wiggensbach, DE-Tyskland
Joly, Samuel, Rolandstraße 6287437 Kempten, DE-Tyskland
Rauch, Wolfgang, Wolfsbühlweg 2188260 Argenbühl, DE-Tyskland
Uibel, Krishna, Zettlerstrasse 1187448 Waltenhofen, DE-Tyskland
Barth, Peter, Heiligkreuzer Straße 2087439 Kempten, DE-Tyskland
Lange, Dietrich, Weilerle Nr. 687480 Weitnau, DE-Tyskland
- (74) **Fullmektig:**
3M Innovative Properties Company, 3M Center, MN55133-3427 SAINT PAUL, USA
- (54) **Benevnelse:**
SEPARATING DEVICE AND USE OF A SEPARATING DEVICE

- (51) **Klasse :** *F16K 25/04 (2006.01)*
F16K 47/04 (2006.01)
F16K 47/08 (2006.01)
- (87) **EP Publ.nr:** EP2524160
(86) **EP søkn.nr:** 11700316.0
(86) **EP innl.dag:** 2011.01.12
(87) **EP publ.dag:** 2012.11.21
(80) **EP meddelt :** 2022.03.09
(30) **Prioritet:** 2010.01.13, EP, 10290015
(86) **Int.inndag :** 2011.01.12
(86) **Int.søknadsnr :** PCT/EP2011/000103
(73) **Innehaver:**
Bayard S.A.S., 4, Avenue Lionel Terray - BP 4769881
Meyzieu Cedex, FR-Frankrike
- (72) **Oppfinner:**
DUTROP, Aymeric, 123 Rue Pierre Audry69005 Lyon, FR-Frankrike
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
VALVE ASSEMBLY

- (51) **Klasse :** *F16L 15/04 (2006.01)*
E21B 17/042 (2006.01)
F16L 15/00 (2006.01)
- (87) **EP Publ.nr:** EP3514432
(86) **EP søkn.nr:** 17851038.4
(86) **EP innl.dag:** 2017.09.15
(87) **EP publ.dag:** 2019.07.24
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2016.09.16, JP, 2016181175
(86) **Int.inndag :** 2017.09.15
(86) **Int.søknadsnr :** PCT/JP2017/033565
(73) **Innehaver:**
Nippon Steel Corporation, 6-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8071, JP-Japan
Vallourec Oil and Gas France, 54 rue Anatole France59620
Aulnoye-Aymeries, FR-Frankrike
- (72) **Oppfinner:**
MARUTA, Satoshi, c/o NIPPON STEEL&SUMITOMO
METAL CORPORATION6-1 Marunouchi 2-chomeChiyoda-
kuTokyo 100-8071, JP-Japan
IWAMOTO, Michihiko, c/o NIPPON STEEL&SUMITOMO
METAL CORPORATION6-1 Marunouchi 2-chomeChiyoda-
kuTokyo 100-8071, JP-Japan
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
THREADED JOINT

- (51) **Klasse :** *F24C 15/20 (2006.01)*
B01D 53/00 (2006.01)
- (87) **EP Publ.nr:** EP2646064
(86) **EP søkn.nr:** 11846235.7
(86) **EP innl.dag:** 2011.12.05
(87) **EP publ.dag:** 2013.10.09
(80) **EP meddelt :** 2022.04.27
(30) **Prioritet:** 2010.12.05, US, 419867 P
(86) **Int.inndag :** 2011.12.05
(86) **Int.søknadsnr :** PCT/US2011/063344
(73) **Innehaver:**
Oy Halton Group Ltd., Firdonkatu 2 T 146 Tripla - Workery
WestHelsinki 00520, FI-Finland
- (72) **Oppfinner:**
LIVCHAK, Andrey, V., 706 Newberry StreetBowling Green,
KY 42103, US-USA
RACZEWSKI, Chester, 3169 Malham
GateMississaugaOntario L5M 6K8, CA-Canada
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
ULTRAVIOLET MONITORING METHODS, AND DEVICES

- (51) **Klasse :** *F24F 7/08 (2006.01)*
F24F 11/00 (2018.01)
- (87) **EP Publ.nr:** EP3002525
(86) **EP søkn.nr:** 15002580.7
(86) **EP innl.dag:** 2015.09.02
(87) **EP publ.dag:** 2016.04.06
(80) **EP meddelt :** 2022.03.23
(30) **Prioritet:** 2014.09.30, DE, 102014014107
(73) **Innehaver:**
FläktGroup Deutschland GmbH, Neue Höfe Herne
Bahnhofstraße 65-7144623 Herne, DE-Tyskland
- (72) **Oppfinner:**
Moolenaar, Fokke, Obelsthamerstraße 124673
Gaspoltshofen, AT-Østerrike
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
METHOD FOR OPERATING A VENTILATION SYSTEM
AND VENTILATION SYSTEM

- (51) **Klasse :** *F28D 20/00 (2006.01)*
B65D 81/24 (2006.01)
B65D 88/34 (2006.01)
F17C 3/06 (2006.01)
- (87) **EP Publ.nr:** EP3645955
(86) **EP søkn.nr:** 18758554.2
(86) **EP innl.dag:** 2018.08.08
(87) **EP publ.dag:** 2020.05.06
(80) **EP meddelt :** 2022.03.30
(30) **Prioritet:** 2017.08.18, DE, 102017118952
(86) **Int.inndag :** 2018.08.08
(86) **Int.søknadsnr :** PCT/EP2018/071559
(73) **Innehaver:**
XL Beteiligungen GmbH & Co. KG, Industriestrasse
2773497 Tannhausen, DE-Tyskland
- (72) **Oppfinner:**
LIPP, Manuel, Hohenstaufenstrasse 3073479 Ellwangen,
DE-Tyskland
- (74) **Fullmektig:**
Cosmovici Intellectual Property, Rue du Commerce 4, 1204
GENÈVE, Sveits
- (54) **Benevnelse:**
BUFFER TANK

- (51) **Klasse :** **G01J 5/34 (2022.01)**
G06K 9/00 (2022.01)
- (87) **EP Publ.nr:** EP3767260
(86) **EP søkn.nr:** 20185036.9
(86) **EP innl.dag:** 2020.07.09
(87) **EP publ.dag:** 2021.01.20
(80) **EP meddelt :** 2022.02.16
(30) **Prioritet:** 2019.07.18, FR, 1908145
(73) **Innehaver:**
Commissariat à l'Energie Atomique et aux Energies Alternatives, 25 rue Leblanc Bâtiment "Le Ponant D"75015 Paris, FR-Frankrike
Idemia Identity & Security France, 2 Place Samuel de Champlain92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**
MAINGUET, Jean-François, CEA GRENOBLE17 Rue des Martyrs38054 GRENOBLE CEDEX 09, FR-Frankrike
FOURRE, Joël Yann, IDEMIA IDENTITY & SECURITY FRANCE2, place Samuel de Champlain92400 COURBEVOIE, FR-Frankrike
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
SENSOR AND METHOD FOR THERMAL PATTERN CAPTURE WITH DOUBLE INTEGRATION

- (51) **Klasse :** **G01M 3/20 (2006.01)**
G01M 3/22 (2006.01)
- (87) **EP Publ.nr:** EP3769064
(86) **EP søkn.nr:** 19716969.1
(86) **EP innl.dag:** 2019.03.19
(87) **EP publ.dag:** 2021.01.27
(80) **EP meddelt :** 2022.03.09
(30) **Prioritet:** 2018.03.21, FR, 1852400
2018.05.22, FR, 1870586
- (86) **Int.inndag :** 2019.03.19
(86) **Int.søknadsnr :** PCT/FR2019/050623
(73) **Innehaver:**
Gaztransport et Technigaz, 1 route de Versailles78470 Saint Rémy les Chevreuse, FR-Frankrike
- (72) **Oppfinner:**
FRAYSSE, Vincent, GAZTRANSPORT ET TECHNIGAZ 1 route de Versailles78470 Saint Rémy Les Chevreuse, FR-Frankrike
HASSLER, David, GAZTRANSPORT ET TECHNIGAZ 1 route de Versailles78470 Saint Rémy Les Chevreuse, FR-Frankrike
DELETRE, Bruno, GAZTRANSPORT ET TECHNIGAZ 1 route de Versailles78470 Saint Rémy Les Chevreuse, FR-Frankrike
PERROT, Olivier, GAZTRANSPORT ET TECHNIGAZ 1 route de Versailles78470 Saint Rémy Les Chevreuse, FR-Frankrike
DE FARIA, Anthony, GAZTRANSPORT ET TECHNIGAZ 1 route de Versailles78470 Saint Rémy Les Chevreuse, FR-Frankrike
GIMBERT, Charles, GAZTRANSPORT ET TECHNIGAZ 1 route de Versailles78470 Saint Rémy Les Chevreuse, FR-Frankrike
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
BELL-SHAPED LEAK DETECTION DEVICE FOR A SEALING MEMBRANE

- (51) **Klasse :** **G01N 29/02 (2006.01)**
B06B 1/06 (2006.01)
G01N 9/00 (2006.01)
G01N 29/036 (2006.01)
G01N 29/22 (2006.01)
G01N 29/24 (2006.01)
H01L 41/053 (2006.01)
H01L 41/25 (2013.01)
H03H 9/17 (2006.01)
- (87) **EP Publ.nr:** EP3306311
(86) **EP søkn.nr:** 17183782.6
(86) **EP innl.dag:** 2017.07.28
(87) **EP publ.dag:** 2018.04.11
(80) **EP meddelt :** 2022.04.13
(30) **Prioritet:** 2016.10.05, DE, 102016118897
(73) **Innehaver:**
ArianeGroup GmbH, Robert-Koch-Straße 182024 Taufkirchen, DE-Tyskland
- (72) **Oppfinner:**
Lindner, Gerhard, Lange Gasse 17a96450 Coburg, DE-Tyskland
Fairuschin, Viktor, Bahnhofstraße 696450 Coburg, DE-Tyskland
Konopka, Martin, c/o ArianeGroup GmbHAirbus-Allee 128199 Bremen, DE-Tyskland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
KRYO-CAPABLE RESONATOR SENSOR

- (51) **Klasse :** **G01V 99/00 (2009.01)**
- (87) **EP Publ.nr:** EP3090289
(86) **EP søkn.nr:** 14828425.0
(86) **EP innl.dag:** 2014.12.30
(87) **EP publ.dag:** 2016.11.09
(80) **EP meddelt :** 2022.04.20
(30) **Prioritet:** 2013.12.30, US, 201361921943 P
2013.12.30, US, 201361921966 P
- (86) **Int.inndag :** 2014.12.30
(86) **Int.søknadsnr :** PCT/US2014/072689
(73) **Innehaver:**
Saudi Arabian Oil Company, 1 Eastern AvenueDhahran 31311, SA-Saudi Arabia
- (72) **Oppfinner:**
AL-NUAIM, Mohammed, S., P.O. Box 9745Saudi AramcoDhahran 31311, SA-Saudi Arabia
AL-NAHDI, Umar, A., P.O. Box 10196Saudi AramcoDhahran 31311, SA-Saudi Arabia
AL-NASSER, Khalid, A., P.O. Box 5245Saudi AramcoDhahran 31311, SA-Saudi Arabia
DAI, Keyang, P.O. Box 11109Saudi AramcoDhahran 31311, SA-Saudi Arabia
AL-ZHRANI, Tareq, P.O. Box 2601Saudi AramcoDhahran 31311, SA-Saudi Arabia
AL-ALWAN, Khalid, P.O. Box 06423Saudi AramcoDhahran 31311, SA-Saudi Arabia
AL-MULLA, Muath, P.O. Box 2033Saudi AramcoDhahran 31311, SA-Saudi Arabia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
MACHINES FOR RESERVOIR SIMULATION
AUTOMATED WELL COMPLETIONS AND RESERVOIR GRID DATA QUALITY ASSURANCE

- (51) **Klasse :** *G02B 5/02 (2006.01)*
F21V 5/00 (2018.01)
G02B 5/04 (2006.01)
G02F 1/1335 (2006.01)
- (87) **EP Publ.nr:** EP3353582
(86) **EP søkn.nr:** 16775592.5
(86) **EP innl.dag:** 2016.09.22
(87) **EP publ.dag:** 2018.08.01
(80) **EP meddelt :** 2022.03.30
(30) **Prioritet:** 2015.09.24, CH, 13832015
(86) **Int.inndag :** 2016.09.22
(86) **Int.søknadsnr :** PCT/EP2016/072599
(73) **Innehaver:**
Regent Beleuchtungskörper AG, Dornacherstrasse
3904053 Basel, CH-Sveits
- (72) **Oppfinner:**
REUTTER, Kornelius, Hünigerstrasse 84056 Basel, CH-Sveits
FERNANDEZ, Oscar, St. Jakobstrasse 714133 Pratteln, CH-Sveits
FERRINI, Rolando, Kalcheggweg 273006 Bern, CH-Sveits
HOCHFILZER, Christian, Gundeldingerrain 374059 Basel, CH-Sveits
DREYFUS, Thierry, St. Alban-Vorstadt 174052 Basel, CH-Sveits
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
OPTICAL FILM AND LIGHT FIXTURE WITH SUCH AN OPTICAL FILM

- (51) **Klasse :** *G02F 1/1675 (2019.01)*
G02F 1/1685 (2019.01)
G09G 3/20 (2006.01)
G09G 3/34 (2006.01)
- (87) **EP Publ.nr:** EP3167337
(86) **EP søkn.nr:** 15819494.4
(86) **EP innl.dag:** 2015.07.08
(87) **EP publ.dag:** 2017.05.17
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2014.07.09, US, 201462022557 P
(86) **Int.inndag :** 2015.07.08
(86) **Int.søknadsnr :** PCT/US2015/039563
(73) **Innehaver:**
E Ink California, LLC, 47485 Seabridge DriveFremont CA
94538, US-USA
- (72) **Oppfinner:**
CHAN, Bryan Hans, 47485 Seabridge DriveFremont,
California 94538, US-USA
LIN, Craig, 47485 Seabridge DriveFremont, California
94538, US-USA
DU, Hui, 47485 Seabridge DriveFremont, California 94538,
US-USA
WANG, Ming, 47485 Seabridge DriveFremont, California
94538, US-USA
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
METHOD OF DRIVING AN ELECTROPHORETIC
COLOUR DISPLAY DEVICE

- (51) **Klasse :** *G07D 7/1205 (2016.01)*
- (87) **EP Publ.nr:** EP3635695
(86) **EP søkn.nr:** 18732245.8
(86) **EP innl.dag:** 2018.06.07
(87) **EP publ.dag:** 2020.04.15
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2017.06.07, DK, PA201770443
(86) **Int.inndag :** 2018.06.07
(86) **Int.søknadsnr :** PCT/DK2018/050125
(73) **Innehaver:**
Dansk Retursystem A/S, Baldersbuen 12640 Hedehusene,
DK-Danmark
- (72) **Oppfinner:**
HENRIKSEN, Per, AErteftoen 8Ganl se3660 Stenl se, DK-Danmark
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
A VALIDATION SYSTEM AND METHOD FOR
AUTHENTICATION OF RECYCLABLE CONTAINERS

- (51) **Klasse :** *G08G 5/00 (2006.01)*
F03D 80/10 (2016.01)
G01S 5/02 (2010.01)
H04B 7/185 (2006.01)
H04W 84/04 (2009.01)
- (87) **EP Publ.nr:** EP3693946
(86) **EP søkn.nr:** 20151578.0
(86) **EP innl.dag:** 2020.01.14
(87) **EP publ.dag:** 2020.08.12
(80) **EP meddelt :** 2022.03.09
(30) **Prioritet:** 2019.01.15, DE, 102019100910
2019.01.25, DE, 102019101886
- (73) **Innehaver:**
AlexCo Holding GmbH, Oldekopstrasse 26a30659
Hannover, DE-Tyskland
- (72) **Oppfinner:**
Gerdes, Alexander, Oldekopstraße 26a30659 Hannover,
DE-Tyskland
Sevim, Alper, Hansastraße 2020149 Hamburg OT
Harvestehude, DE-Tyskland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
METHOD AND SYSTEM FOR CONTROLLING LIGHTING
OF FLIGHT OBSTACLES AND COMPUTER PROGRAM

- (51) **Klasse :** *G16H 50/20 (2018.01)*
G16H 40/63 (2018.01)
G16H 50/30 (2018.01)
- (87) **EP Publ.nr:** EP3242233
(86) **EP søkn.nr:** 16168149.9
(86) **EP innl.dag:** 2016.05.03
(87) **EP publ.dag:** 2017.11.08
(80) **EP meddelt :** 2022.05.04
(73) **Innehaver:**
F. Hoffmann-La Roche AG, Grenzacherstrasse 1244070
Basel, CH-Sveits
- (72) **Oppfinner:**
RINGEMANN, Christian, Richard-Wagner-Strasse 4468165
Mannheim, DE-Tyskland
STEIGER, Bernd, Im Oberen Berg 7067354 Roemerberg,
DE-Tyskland
- (74) **Fullmektig:**
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104
OSLO, Norge
- (54) **Benevnelse:**
SENSOR DEVICE FOR DETECTING AT LEAST ONE
ANALYTE IN A BODY FLUID OF A USER

- (51) **Klasse :** *H01B 3/48 (2006.01)*
C08K 3/22 (2006.01)
C09K 21/02 (2006.01)
H01B 3/44 (2006.01)
H01B 7/295 (2006.01)
H01B 11/00 (2006.01)
H01B 13/22 (2006.01)
- (87) **EP Publ.nr:** EP3547331
(86) **EP søkn.nr:** 19165549.7
(86) **EP innl.dag:** 2019.03.27
(87) **EP publ.dag:** 2019.10.02
(80) **EP meddelt :** 2022.03.16
(30) **Prioritet:** 2018.03.28, US, 201862649197 P
(73) **Innehaver:**
General Cable Technologies Corporation, 4 Tesseneer Drive Highland Heights KY 41076, US-USA
- (72) **Oppfinner:**
SZYLAKOWSKI, Gregg Raymond, c/o Legal Dept., GENERAL CABLE TECHNOLOGIES CORPORATION 4 Tesseneer Drive Highland Heights, KY 41076, US-USA
BROWN, Scott M., c/o Legal Dept., GENERAL CABLE TECHNOLOGIES CORPORATION 4 Tesseneer Drive Highland Heights, KY 41076, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
FIRE RESISTANT DATA COMMUNICATION CABLE

- (51) **Klasse :** *H01B 7/295 (2006.01)*
H01B 3/02 (2006.01)
H01B 3/48 (2006.01)
H01B 13/22 (2006.01)
- (87) **EP Publ.nr:** EP3754671
(86) **EP søkn.nr:** 20180902.7
(86) **EP innl.dag:** 2020.06.18
(87) **EP publ.dag:** 2020.12.23
(80) **EP meddelt :** 2022.04.06
(30) **Prioritet:** 2019.06.20, FR, 1906666
(73) **Innehaver:**
Nexans, 4, Allée de l'Arche 92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**
GYPPAZ, Franck, 9, rue Montbrillant 69003 LYON, FR-Frankrike
AUVRAY, Thierry, 18, rue Barrême 69006 LYON, FR-Frankrike
ESTREBOU, Nicolas, 8 avenue Jean Jaurès 69600 OULLINS, FR-Frankrike
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
METHOD FOR MANUFACTURING A FIRE RESISTANT AND/OR RETARDANT CABLE

- (51) **Klasse :** *H01P 1/203 (2006.01)*
H01P 5/12 (2006.01)
H01Q 1/24 (2006.01)
H01Q 21/00 (2006.01)
- (87) **EP Publ.nr:** EP3439110
(86) **EP søkn.nr:** 16912520.0
(86) **EP innl.dag:** 2016.11.11
(87) **EP publ.dag:** 2019.02.06
(80) **EP meddelt :** 2022.02.16
(30) **Prioritet:** 2016.08.09, WO, PCT/CN16/094132
(86) **Int.inndag :** 2016.11.11
(86) **Int.søknadsnr :** PCT/CN2016/105460
(73) **Innehaver:**
Tongyu Communication Inc., No.3 Jintong Street State Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
- (72) **Oppfinner:**
ZHAO, Wei, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
GAO, Zhuofeng, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
YAO, Xiangxi, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
WANG, Wenlan, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
LIU, Mulin, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
DOUDOU, Samb, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
CHU, Qingchen, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
WANG, Bin, No. 3 Jintong St.State-Level Torch Hi-Tech Industrial Development Zone Zhongshan, Guangdong 528437, CN-Kina
- (74) **Fullmektig:**
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**
FILTER FEED NETWORK AND BASE-STATION ANTENNA

- (51) **Klasse :** *H04L 27/26 (2006.01)*
- (87) **EP Publ.nr:** EP3155780
(86) **EP søkn.nr:** 15790246.1
(86) **EP innl.dag:** 2015.06.10
(87) **EP publ.dag:** 2017.04.19
(80) **EP meddelt :** 2022.04.13
(30) **Prioritet:** 2014.06.10, WO, PCT/IB14/002103
(86) **Int.inndag :** 2015.06.10
(86) **Int.søknadsnr :** PCT/IB2015/001479
(73) **Innehaver:**
Eutelsat SA, 32 Boulevard Gallieni 92130 Issy Les Moulinaux, FR-Frankrike
- (72) **Oppfinner:**
DUTRONC, Jacques, 70 Rue Balard 75015 Paris, FR-Frankrike
SAITTO, Antonio, 70 Rue Balard 75015 Paris, FR-Frankrike
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
OFDM BASED ORBITAL ANGULAR MOMENTUM SYSTEM AND METHOD

(51) **Klasse :** *H04L 27/26 (2006.01)*
(87) **EP Publ.nr:** EP3155781
(86) **EP søkn.nr:** 15790247.9
(86) **EP innl.dag:** 2015.06.10
(87) **EP publ.dag:** 2017.04.19
(80) **EP meddelt :** 2022.04.13
(30) **Prioritet:** 2014.06.10, WO, PCT/IB14/002103
(86) **Int.inndag :** 2015.06.10
(86) **Int.søknadsnr :** PCT/IB2015/001480
(73) **Innehaver:**
Eutelsat SA, 32 Boulevard Gallieni92130 Issy Les
Moulineaux, FR-Frankrike
(72) **Oppfinner:**
DUTRONC, Jacques, 70 Rue Balard75009 Paris, FR-
Frankrike
SAITTO, Antonio, 70 Rue Balard75015 Paris, FR-Frankrike
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(54) **Benevnelse:**
OFDM BASED ORBITAL ANGULAR MOMENTUM
SYSTEM AND METHOD

(51) **Klasse :** *H04N 19/105 (2014.01)*
H04N 19/117 (2014.01)
H04N 19/174 (2014.01)
H04N 19/436 (2014.01)
H04N 19/46 (2014.01)
H04N 19/61 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)
(87) **EP Publ.nr:** EP3445051
(86) **EP søkn.nr:** 18197423.9
(86) **EP innl.dag:** 2011.12.28
(87) **EP publ.dag:** 2019.02.20
(80) **EP meddelt :** 2022.03.16
(30) **Prioritet:** 2010.12.28, US, 201061427569 P
2011.12.23, US, 201113336475
(73) **Innehaver:**
Dolby International AB, Mr. Treublaan 71097 DP
Amsterdam, NL-Nederland
(72) **Oppfinner:**
HOROWITZ, Michael, 4310 Avenue FAustin, TX 78751,
US-USA
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(54) **Benevnelse:**
METHOD AND SYSTEM FOR SELECTIVELY BREAKING
PREDICTION IN VIDEO CODING

Endrede europeiske patenter (b2) med virkning i Norge

- (51) **Klasse :** *E01F 15/08 (2006.01)*
- (87) **EP Publ.nr.:** EP2712962
- (86) **EP søkn.nr.:** 13177998.5
- (86) **EP innl.dag:** 2013.07.25
- (87) **EP publ.dag:** 2014.04.02
- (80) **EP meddelt :** 2018.04.11
- (30) **Prioritet:** 2012.10.01, DE, 202012009387 U
- (73) **Innehaver:**
METON GmbH, Flugplatzstraße Gebäude 980555768
Hoppstädten-Weiersbach, DE-Tyskland
- (72) **Oppfinner:**
LUTHER, Horst, Sponheinmerweg 555765 Birkenfeld, DE-
Tyskland
- (74) **Fullmektig:**
METON GmbH, Flugplatzstrasse Gebäude 9805, 55768
HOPPSTÄDTEN-WEIERSBACH, Tyskland
- (54) **Benevnelse:**
Device for connecting two mobile protection wall elements
-

Avgjørelser i innsigelser jf. Patentloven § 25

- (51) **Klasse:** *F16K 11/087 (2006.01)*
F16K 11/08 (2006.01)
F16K 27/06 (2006.01)
A01K 63/04 (2006.01)
- (11) **Patentnr:** **344973**
- (45) **Meddelt:** 2020.08.03
- (73) **Innehaver:**
ASTORPLAST AS, Mjølstadnesvegen 20, 6092
FOSNAVÅG, Norge
CFLOW FISH HANDLING AS, Holsneset 25, 6030
LANGEVÅG, Norge
Innehavers fullmektig:
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN,
Norge
Innsiger:
SCALE AQUACULTURE AS, c/o Aqualine AS, Postboks
2200 Sentrum, 7412, TRONDHEIM, NO
Innsigers fullmektig:
PROTECTOR IP AS, Pilestredet 33, 0166, OSLO, NO
Innsigelse dato: 2018.11.06
Avgjørelse:
Patent nr. 344973 oppheves.
-

Avgjørelse fra Klagenemnda

Klagenemndas avgjørelse etter klage på avslått patentsøknad.

- (210) **Søknadsnr.:** 20150507
- (51) **Klasse:** *E21D 9/14 (2006.01)*
G01C 15/00 (2006.01)
G01C 7/06 (2006.01)
- (54) **Benevnelse:**
Projection Device
- (731) **Søker:**
ACCIONA Infraestructuras S.A., Avda, de Europa n° 18,
Parque Empresarial, 28108, LA MORALEJA, MADRID,
ES
- (750) **Fullmektig:**
ONSAGERS AS, Postboks 1813, Vika, 0123, OSLO,
NO
- Søknad inngitt:**
2015.05.04
- Patentstyrets avgjørelse av søknaden (2021.10.28):**
The application is refused.
- Klage på Patentstyrets avgjørelse innkommet:**
2021.12.28
- Klagenemndas avgjørelse av 2022.03.21:**
Klagen forkastes.
-

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/EP3028990
(21) **Søknadsnr:** EP3028990
(73) **Innehaver:** Ammonigy GmbH, Wörthstrasse 37, 70563 STUTTGART, Tyskland
(74) **Fullmektig:** ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
Melding innkommet patentstyret: 2022.06.22

(11) **Patent nr.:** NO/EP2641875
(21) **Søknadsnr:** EP2641875
(73) **Innehaver:** Techcross Inc., 528 Samseong-ro, Gangnam-gu, SEOUL, Sør-Korea
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2022.06.20

(21) **Søknadsnr:** 20171255
(71) **Søker:** Equinor Energy AS, Forusbeen 50, 4035 STAVANGER, Norge
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
Melding innkommet patentstyret: 2022.06.22

(11) **Patent nr.:** NO/EP3026130
(21) **Søknadsnr:** EP3026130
(73) **Innehaver:** Lifezone Ltd, Commerce House 1 Bowring Road, IM82LQ RAMSEY, Isle of Man
(74) **Fullmektig:** Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
Melding innkommet patentstyret: 2022.06.17

(11) **Patent nr.:** NO/EP2226402
(21) **Søknadsnr:** EP2226402
(73) **Innehaver:** Sakai aluminium Corporation, 224, 6-cho, Kaisan-cho, Sakai-ku, Sakai-shi, OSAKA, Japan
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
Melding innkommet patentstyret: 2022.06.16

(11) **Patent nr.:** NO/EP2961978
(21) **Søknadsnr:** EP2961978
(73) **Innehaver:** LOCLAIN SRL IN LIQUIDATION, Via Aspromonte 16, 40026 IMOLA (BOLOGNA), Italia
(74) **Fullmektig:** APACE IP AS, Parkveien 55, 0256 OSLO, Norge
Melding innkommet patentstyret: 2022.06.20

(11) **Patent nr.:** NO/EP2882013
(21) **Søknadsnr:** EP2882013
(73) **Innehaver:** LG Chem, Ltd., 128, Yeoui-daero, Yeongdeungpo-gu, 07336 SEOUL, Sør-Korea
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
Melding innkommet patentstyret: 2022.06.10

(21) **Søknadsnr:** 20200233
(71) **Søker:** EFFERA AS, Tordenskjolds gate 9, 4612 KRISTIANSAND S, Norge
(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
Melding innkommet patentstyret: 2022.06.21

Pant i patent

(51) **Klasse:** *A01K 61/80 (2017.01)*
(11) **Patentnr:** 343035
(21) **Søknadsnr:** 20170205
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
Pantsetter/innehaver:
Akva Group ASA, Postboks 8057, 4068 STAVANGER
Panthaver:
DNB Bank ASA, Postboks 1600 Sentrum, 0021 OSLO
Avtale om pant inngått: 2022.05.19
Melding innkommet
patentstyret: 2022.06.15

Patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse

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

- (11) **Patentnr:** 346380
- (21) **Søknadsnr:** 20191431
- (51) **Klasse:** G01V 11/00 (2006.01)
G01V 3/30 (2006.01)
G01V 1/50 (2006.01)
E21B 49/08 (2006.01)
- (73) **Innehaver:**
UNIVERSITETET I OSLO, Postboks 1072 Blindern, 0316,
OSLO, NO
MANZAR FAWAD, c/o Leil. 331, Oppsalveien 24 B, 0686,
OSLO, NO
MD NAZMUL HAQUE MONDOL, TOPPÅSVEIEN 17 D,
1262, OSLO, NO
- (72) **Oppfinner:**
MANZAR FAWAD, c/o Leil. 331, Oppsalveien 24 B, 0686,
OSLO, NO
MD NAZMUL HAQUE MONDOL, TOPPÅSVEIEN 17 D,
1262, OSLO, NO
- (54) **Benevnelse:**
Fluid identification and saturation estimation using CSEM
and seismic data
-

Trukne, avslåtte og henlagte søknader som er allment tilgjengelige

- (21) **Søknadsnr:** 20121170
- (21) **Søknadsnr:** 20181156
- (21) **Søknadsnr:** 20181572
- (21) **Søknadsnr:** 20200648
- (21) **Søknadsnr:** 20200691
- (21) **Søknadsnr:** 20201272

Nye søknader om supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 80 (nye søknader).

(21)	Søknadsnr:	2022025
(22)	Inng.dag:	2022.06.13
(22)	Inng.dag basispatent:	2011.12.14
(11)	Basispatent nr:	2011026
(24)	Løpedag:	1999.06.16
(73)	Innehaver:	Eisai R & D Management Co Ltd
(74)	Fullmektig:	BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(95)	Produkt:	Eribulin eller et farmasøytisk akseptabelt salt derav - forlenget SPC
(94)	Gyldig t.om:	01/01/0001
(92)	NO markedsførings- tillatelse nr:	EU/1/11/678
(92)	Dato for samme:	2022.06.03
(93)	Første markedsføringstillatelse innen EØS-området:	EU/1/11/678
(93)	Dato for samme:	2022.06.03
(54)	Benevnelse:	Eribulin eller et farmasøytisk akseptabelt salt derav

Endring i fullmaktsforhold

(21) **Søknadsnr:** 20160244
(71) **Søker:**
ResMan AS, Postboks 8650 Ranheim, 7452 TRONDHEIM, Norge
(74) **Fullmektig:**
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
Melding innkommet patentstyret:
2022.06.20

(21) **Søknadsnr:** 20160449
(71) **Søker:**
ResMan AS, Strindfjordvegen 1, 7053 RANHEIM, Norge
(74) **Fullmektig:**
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
Melding innkommet patentstyret:
2022.06.20

(21) **Søknadsnr:** 20191042
(71) **Søker:**
RESMAN AS, Postboks 8650 Ranheim, 7452 TRONDHEIM, Norge
(74) **Fullmektig:**
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
Melding innkommet patentstyret:
2022.06.20

(21) **Søknadsnr:** EP3864476
(74) **Fullmektig:**
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300 KØBENHAVN S, Danmark
Melding innkommet patentstyret:
2022.06.20

(11) **Patentnr:** 316798
(21) **Søknadsnr:** 20023078
(73) **Innehaver:**
Statoil ASA, 4035 STAVANGER, Norge
Melding innkommet patentstyret:
2022.06.22

(11) **Patentnr:** 344393
(21) **Søknadsnr:** 20171409
(73) **Innehaver:**
NIGHTRIDER AS, Vibes gate 1, 0356 OSLO, Norge
(74) **Fullmektig:**
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
Melding innkommet patentstyret:
2022.04.28

(11) **Patentnr:** NO/EP2440649
(21) **Søknadsnr:** EP2440649
(74) **Fullmektig:**
Budde Schou A/S, Dronningens Tværgade 30, 1302 KØBENHAVN K, Danmark
Melding innkommet patentstyret:
2022.06.21

(11) **Patentnr:** NO/EP2641875
(21) **Søknadsnr:** EP2641875
(73) **Innehaver:**
Techcross Inc., 528 Samseong-ro, Gangnam-gu, SEOUL, Sør-Korea
(74) **Fullmektig:**
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret:
2022.06.20

(11) **Patentnr:** NO/EP2907184
(21) **Søknadsnr:** EP2907184
(73) **Innehaver:**
OXENERGY LTD., P.O. Box 1290, 7111102 LOD, Israel
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret:
2022.06.22

(11) **Patentnr:** NO/EP2968071
(21) **Søknadsnr:** EP2968071
(74) **Fullmektig:**
PatIO AB, Nordenskiöldsgatan 11A, 21119 MALMÖ, Sverige
Melding innkommet patentstyret:
2022.06.13

(11) **Patentnr:** NO/EP3038565
(21) **Søknadsnr:** EP3038565
(73) **Innehaver:**
Adcura, Inc., 11010 Prairie Lakes Dr, Ste 375, MN55344 EDEN PRAIRIE, USA
(74) **Fullmektig:**
PatIO AB, Nordenskiöldsgatan 11A, 21119 MALMÖ, Sverige
Melding innkommet patentstyret:
2022.06.13

(11) **Patentnr:** NO/EP3259152
(21) **Søknadsnr:** EP3259152
(74) **Fullmektig:**
PatIO AB, Nordenskiöldsgatan 11A, 21119 MALMÖ, Sverige
Melding innkommet patentstyret:
2022.06.13

(11) **Patentnr:** NO/EP3297523
(21) **Søknadsnr:** EP3297523
(74) **Fullmektig:**
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret:
2022.06.17

- (11) **Patentnr:** NO/EP3653223
(21) **Søknadsnr:** EP3653223
(74) **Fullmektig:**
PatIO AB, Nordenskiöldsgatan 11A, 21119 MALMÖ,
Sverige
Melding innkommet patentstyret:
2022.06.13
-

Bortfalte, opphevede, ugyldige og utløpte europeiske patenter som har hatt virkning i Norge

EP publ.nr: 3572315

Korrigert patentskrift i europeisk patent med virkning i Norge (B9)

I følgende EP-sak er det laget korrigert patentskrift.

- (51) **Klasse :** *H01M 10/0563 (2010.01)*
H01M 4/38 (2006.01)
H01M 10/052 (2010.01)
H01M 10/0568 (2010.01)
H01M 4/505 (2010.01)
H01M 4/525 (2010.01)
H01M 4/58 (2010.01)
H01M 4/62 (2006.01)
H01M 4/74 (2006.01)
H01M 4/80 (2006.01)
H01M 10/054 (2010.01)
H01M 10/0567 (2010.01)
- (87) **EP Publ.nr:** EP3794666
(86) **EP søkn.nr:** 20746667.3
(86) **EP innl.dag:** 2020.07.30
(87) **EP publ.dag:** 2021.03.24
(80) **EP meddelt :** 2021.12.29
(30) **Prioritet:** 2019.07.31, EP, 19189435
(86) **Int.inndag :** 2020.07.30
(86) **Int.søknadsnr :** PCT/EP2020/071579
(73) **Innehaver:**
Innolith Technology AG, Hirzbodenweg 954052 Basel, CH-Sveits
- (72) **Oppfinner:**
ZINCK, Laurent, 28, Rue de la vallée67470 Mothern, FR-Frankrike
WOLLFARTH, Claudia, Tirolerstrasse 34a76227 Karlsruhe, DE-Tyskland
BIOLLAZ, Heide, Kirschbaumweg 9379761 Waldshut, DE-Tyskland
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
RECHARGEABLE BATTERY CELL
-