

Norsk

patent tidende

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Innholdsfortegnelse og inid-koder:

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INID-koder

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

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

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

Allment tilgjengelige patentsøknader (a)

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

(51) **Klasse:** A01K 61/60 (2017.01)
A01K 63/10 (2017.01)
B08B 3/00 (2006.01)
B62D 55/00 (2006.01)
G05D 1/02 (2006.01)

(21) **Søknadsnr:** 20211163

(22) **Inndag:** 2021.09.29

(41) **Allm.tilgj:** 2023.03.30

(24) **Løpedag:** 2021.09.29

(71) **Søker:**
WATBOTS AS, Postboks 32, 8501 NARVIK

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

(72) **Oppfinner:**
Håvard Lillebo, Emmenesveien 15, 8520 ANKENES
Hans Einar Jakobsen, Forshaugen 27, 8800
SANDNESSJØEN

(54) **Benevnelse:**
Subsea assembly for adhering to and navigating across a submerged net

(51) **Klasse:** B60N 2/28 (2006.01)

(21) **Søknadsnr:** 20211176

(22) **Inndag:** 2021.10.01

(41) **Allm.tilgj:** 2023.04.03

(24) **Løpedag:** 2021.10.01

(71) **Søker:**
HTS Hans Torgersen & Sønn AS, 3535 KRØDEREN

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

(72) **Oppfinner:**
Okke van Mourik, Hopakker 23, 3514BS UTRECHT, Nederland (NL)
Hans Gutter, Paulus Potterlaan 27, 3741PH BAARN, Nederland (NL)
Christian van Essen, Kinderdijkstraat 84-3 hoog, 1079GP AMSTERDAM, Nederland (NL)
Hans Gutter, Paulus Potterlaan 27, 3741 PH BAARN, Nederland (NL)
Hugo Westra, Robijnstraat 8, 3051VM ROTTERDAM, Nederland (NL)

(54) **Benevnelse:**
Child safety seat with seat belt tensioner device

(51) **Klasse:** B63B 29/00 (2006.01)
B63J 2/12 (2006.01)

(21) **Søknadsnr:** 20211151

(22) **Inndag:** 2021.09.27

(41) **Allm.tilgj:** 2023.03.28

(24) **Løpedag:** 2021.09.27

(71) **Søker:**
INFRACOMFORT AS, Tinggata 3, 6783 STRYN

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

(72) **Oppfinner:**
Øyvind Flo-Thorsdal, Flovegen 913, 6783 STRYN

(54) **Benevnelse:**
Anvendelse av en eller flere varmematter i maritim takhimling på et skip

(51) **Klasse:** B65G 1/04 (2006.01)
B65G 21/08 (2006.01)
B65G 1/137 (2006.01)

(21) **Søknadsnr:** 20211162

(22) **Inndag:** 2021.09.29

(41) **Allm.tilgj:** 2023.03.30

(24) **Løpedag:** 2021.09.29

(71) **Søker:**
Autostore Technology AS, Stokkastrandvegen 85, 5578 NEDRE VATS

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

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

(54) **Benevnelse:**
HATCH ASSEMBLY FOR A PORT OF A STORAGE AND RETRIEVAL SYSTEM

(51) **Klasse:** E02F 3/88 (2006.01)
E02F 3/92 (2006.01)
E02F 5/10 (2006.01)
E02F 5/28 (2006.01)
H02G 1/10 (2006.01)

(21) **Søknadsnr:** 20211179

(22) **Inndag:** 2021.10.01

(41) **Allm.tilgj:** 2023.04.03

(24) **Løpedag:** 2021.10.01

(71) **Søker:**
JARALA AS, Oscar Wistings vei 54, 7020 TRONDHEIM

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

(72) **Oppfinner:**
Tom Jacobsen, Oscar Wistings vei 54, 7020 TRONDHEIM

(54) **Benevnelse:**
Undervanns blåseranordning

(51) **Klasse:** E03F 7/00 (2006.01)
G01F 1/00 (2006.01)
G01F 23/00 (2006.01)

(21) **Søknadsnr:** 20211153

(22) **Inndag:** 2021.09.27

(41) **Allm.tilgj:** 2023.03.28

(24) **Løpedag:** 2021.09.27

(71) **Søker:**
LEAK DETECTOR AS, Koppholen 25, 4313 SANDNES

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

(72) **Oppfinner:**
Morten Talgø, Snekkerveien 8, 4321 SANDNES

(54) **Benevnelse:**
FLEXIBLE ELONGATE MEMBERS IN SEWAGE PIPELINES OR CHANNELS

(51) **Klasse:** *E21B 17/10 (2006.01)*
E21B 23/14 (2006.01)
(21) **Søknadsnr:** 20230167
(22) **Inndag:** 2023.02.20
(41) **Allm.tilgj:** 2023.02.20
(30) **Prioritet:** 2020.08.06, NZ, 766888
2020.11.06, US, 17/091,839
(86) **Int.inndag:** 2021.08.05
(86) **Int.søknadsnr:** PCT/NZ2021/050123
(24) **Løpedag:** 2021.08.05
(71) **Søker:**
Petromac IP Limited, Level 1, 18 St Marks Road, 1051
EPSOM, AUCKLAND, New Zealand (NZ)
(74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
(72) **Oppfinner:**
Stephen Peter McCormick, 21 Hawke Crescent, 2018
BEACHLANDS, AUCKLAND, New Zealand (NZ)
Benno Frank Smit, 31C Woodfern Crescent, 0604
TITIRANGI, AUCKLAND, New Zealand (NZ)
(54) **Benevnelse:**
A DEVICE FOR CENTERING A SENSOR ASSEMBLY IN
A BORE

(51) **Klasse:** *E21B 33/12 (2006.01)*
E21B 34/06 (2006.01)
(21) **Søknadsnr:** 20211191
(22) **Inndag:** 2021.10.05
(41) **Allm.tilgj:** 2023.03.30
(30) **Prioritet:** 2021.09.29, US, 17/480,805
(24) **Løpedag:** 2021.10.05
(71) **Søker:**
TCO AS, Storanaset 20, 5260 INDRE ARNA
(72) **Oppfinner:**
Tommy Eriksen, Bordalsvegen 11, 5700 VOSS
Bård Angell, Myklabergbakken 42, H0402, 4052
RØYNEBERG
(54) **Benevnelse:**
Downhole tool assembly and method of assembling

(51) **Klasse:** *E21B 33/13 (2006.01)*
(21) **Søknadsnr:** 20230202
(22) **Inndag:** 2023.03.01
(41) **Allm.tilgj:** 2023.03.01
(30) **Prioritet:** 2020.08.21, GB, 2013067.0
2020.09.07, GB, 2014019.0
(86) **Int.inndag:** 2021.08.23
(86) **Int.søknadsnr:** PCT/GB2021/052193
(24) **Løpedag:** 2021.08.23
(71) **Søker:**
PANDA-SEAL INTERNATIONAL LTD, c/o Frontier
International Business Services Ltd., New Horizon
Building, Ground Floor, 3 1/2 miles Philip SW Goldson
Highway BELIZE CITY, Belgia (BE)
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(72) **Oppfinner:**
Philip Head, 2 Broomfield Close, SL50JU
SUNNINGDALE, BERKSHIRE, Storbritannia (GB)
(54) **Benevnelse:**
BISMUTH AND CEMENT METHOD OF ABANDONING A
WELL AND MEANS OF REAL TIME VERIFICATION OF
THE BISMUTH AND CEMENT PLACEMENT PROCESS

(51) **Klasse:** *E21B 34/06 (2006.01)*
E21B 33/12 (2006.01)
E21B 34/10 (2006.01)
(21) **Søknadsnr:** 20211190
(22) **Inndag:** 2021.10.05
(41) **Allm.tilgj:** 2023.03.30
(30) **Prioritet:** 2021.09.29, US, 17/480,805
(24) **Løpedag:** 2021.10.05
(71) **Søker:**
TCO AS, Storanaset 20, 5260 INDRE ARNA
(72) **Oppfinner:**
Tommy Eriksen, Bordalsvegen 11, 5700 VOSS
Bård Angell, Myklabergbakken 42, H0402, 4052
RØYNEBERG
(54) **Benevnelse:**
Downhole tool system

(51) **Klasse:** *E21B 34/08 (2006.01)*
(21) **Søknadsnr:** 20230255
(22) **Inndag:** 2023.03.10
(41) **Allm.tilgj:** 2023.03.10
(30) **Prioritet:** 2020.08.17, US, 16/995,603
(86) **Int.inndag:** 2021.08.16
(86) **Int.søknadsnr:** PCT/US2021/046125
(24) **Løpedag:** 2021.08.16
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
Aldine Westfield Road, TX77073 HOUSTON, USA (US)
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(72) **Oppfinner:**
David ALEXANDER, 17021 Aldine Westfield, TX77073
HOUSTON, USA (US)
Daniel R. HART, 17021 Aldine Westfield, TX77073
HOUSTON, USA (US)
Andrew D. PONDER, 17021 Aldine Westfield, TX77073
HOUSTON, USA (US)
Irvin TURCIOS, 17021 Aldine Westfield, TX77073
HOUSTON, USA (US)
(54) **Benevnelse:**
EXTRUDABLE BALL FOR MULTIPLE ACTIVATIONS

Krav på norsk er innkommet 2023.03.10.

(51) **Klasse:** *E21B 43/04 (2006.01)*
(21) **Søknadsnr:** 20230222
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.08.21, US, 16/999,194
(86) **Int.inndag:** 2021.08.16
(86) **Int.søknadsnr:** PCT/US2021/071194
(24) **Løpedag:** 2021.08.16
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
Aldine Westfield Road, TX77073 HOUSTON, USA (US)
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(72) **Oppfinner:**
Wilfred Provost, 17021 Aldine Westfield, TX77073
HOUSTON, USA (US)
(54) **Benevnelse:**
RECIRCULATING GRAVEL PACK SYSTEM

Krav på norsk er innkommet 2023.03.03.

(51) **Klasse:** *E21B 43/112 (2006.01)*
E21B 43/11 (2006.01)
E21B 29/00 (2006.01)
E21B 7/04 (2006.01)
(21) **Søknadsnr:** 20211208
(22) **Inndag:** 2021.10.07
(41) **Allm.tilgj:** 2023.04.10
(24) **Løpedag:** 2021.10.07
(71) **Søker:**
Altus Intervention (Technology) AS, Moseidveien 35, 4033 STAVANGER
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(72) **Oppfinner:**
Erlend Søyland, c/o Altus Intervention, Moseidveien 35, 4033 STAVANGER
(54) **Benevnelse:**
Radial Drilling Unit

Krav på norsk er innkommet 2022.10.13.

(51) **Klasse:** *E21B 44/00 (2006.01)*
G06N 20/00 (2019.01)
G06F 18/214 (2023.01)
(21) **Søknadsnr:** 20230234
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.12.28, US, 17/134,738
(86) **Int.inndag:** 2020.12.29
(86) **Int.søknadsnr:** PCT/US2020/067251
(24) **Løpedag:** 2020.12.29
(71) **Søker:**
Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
(74) **Fullmektig:**
AA Thornton IP LLP, Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia
(72) **Oppfinner:**
Srivastav Shreshth, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Lloyd Maddock, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Misael Luis Santana, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Ashish Kishore Fatnani, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Shashwat Verma, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Sridharan Vallabhaneni, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
(54) **Benevnelse:**
DRILLING DATA CORRECTION WITH MACHINE LEARNING AND RULES-BASED PREDICTIONS

(51) **Klasse:** *E21B 47/00 (2012.01)*
(21) **Søknadsnr:** 20221022
(22) **Inndag:** 2022.09.26
(41) **Allm.tilgj:** 2023.03.30
(30) **Prioritet:** 2021.09.29, GB, 2113918.3
(24) **Løpedag:** 2022.09.26
(71) **Søker:**
Expro North Sea Limited, Lion House, Dyce Avenue, AB210LQ DYCE, ABERDEEN, Storbritannia (GB)
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(72) **Oppfinner:**
John Henry McKay, 1 Amy Row, Cowie., AB392RG STONEHAVEN, ABERDEENSHIRE, Storbritannia (GB)
David Sirda Shanks, Rose Croft, Corseduck Road, Newmachar, AB210OG ABERDEEN, ABERDEENSHIRE, Storbritannia (GB)
(54) **Benevnelse:**
METHOD AND APPARATUS FOR MONITORING LONG LENGTH TUBULAR STRUCTURES

(51) **Klasse:** *E21B 47/007 (2012.01)*
E21B 47/022 (2012.01)
(21) **Søknadsnr:** 20230236
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.12.14, US, 17/120,304
(86) **Int.inndag:** 2020.12.15
(86) **Int.søknadsnr:** PCT/US2020/065172
(24) **Løpedag:** 2020.12.15
(71) **Søker:**
Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
(74) **Fullmektig:**
AA Thornton IP LLP, Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia
(72) **Oppfinner:**
Robello Samuel, c/o Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
(54) **Benevnelse:**
DETECTING WELLPATH TORTUOSITY VARIABILITY AND CONTROLLING WELLBORE OPERATIONS

(51) **Klasse:** *E21B 47/107 (2012.01)*
G01V 1/50 (2006.01)
(21) **Søknadsnr:** 20230233
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.11.03, US, 17/088,386
(86) **Int.inndag:** 2020.11.04
(86) **Int.søknadsnr:** PCT/US2020/058902
(24) **Løpedag:** 2020.11.04
(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:**
Yadong Wang, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Yao Ge, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Xiang Wu, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
(54) **Benevnelse:**
ACOUSTIC BEAMFORMING TECHNIQUES WITH SIMULTANEOUS ACOUSTIC VELOCITY ESTIMATION

(51) **Klasse:** *E21B 47/16 (2006.01)*
H02N 2/00 (2006.01)
H04R 17/00 (2006.01)
(21) **Søknadsnr:** 20230246
(22) **Inndag:** 2023.03.08
(41) **Allm.tilgj:** 2023.03.08
(30) **Prioritet:** 2020.11.20, US, 16/953,472
(86) **Int.inndag:** 2021.09.16
(86) **Int.søknadsnr:** PCT/US2021/071480
(24) **Løpedag:** 2021.09.16
(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:**
Joachim Alexander Pihl, c/o Halliburton Energy Services,
Inc., 3000 N. Sam Houston Parkway E, TX77032
HOUSTON, USA (US)
(54) **Benevnelse:**
SINGLE CRYSTAL ULTRASONIC TRANSDUCER WITH
CHARGE MODE RECEIVER

(51) **Klasse:** *E21B 49/08 (2006.01)*
(21) **Søknadsnr:** 20211526
(22) **Inndag:** 2021.12.15
(41) **Allm.tilgj:** 2023.03.29
(30) **Prioritet:** 2021.09.28, US, 17/487,244
(24) **Løpedag:** 2021.12.15
(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:**
MATTHEW DENNIS ROWE, 3000 N. SAM HOUSTON
PARKWAY E., TX77032-3219 HOUSTON, USA (US)
(54) **Benevnelse:**
RECYCLED ISOTOPE CORRECTION

(51) **Klasse:** *E21B 49/08 (2006.01)*
E21B 41/00 (2006.01)
(21) **Søknadsnr:** 20230172
(22) **Inndag:** 2023.02.21
(41) **Allm.tilgj:** 2023.02.21
(30) **Prioritet:** 2020.09.02, US, 63/073,788
(86) **Int.inndag:** 2021.09.02
(86) **Int.søknadsnr:** PCT/US2021/071354
(24) **Løpedag:** 2021.09.02
(71) **Søker:**
Schlumberger Technology B.V., Parkstraat 83, 2514JG
HAAG, Nederland (NL)
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
(72) **Oppfinner:**
Denise E Freed, 15 Rogers Street, MA02461 NEWTON
HIGHLANDS, USA (US)
Melanie Jensen, c/o Schlumberger-Doll Research, One
Hampshire Street, MA02139 CAMBRIDGE, USA (US)
Lalitha Venkataramanan, c/o Schlumberger-Doll
Research, One Hampshire Street, MA02139
CAMBRIDGE, USA (US)
Sandip Bose, c/o Schlumberger-Doll Research, One
Hampshire Street, MA02139 CAMBRIDGE, USA (US)
Peter Tilke, c/o Schlumberger-Doll Research, One
Hampshire Street, MA02139 CAMBRIDGE, USA (US)
Oliver C. Mullins, 5599 San Felipe Street, TX77056
HOUSTON, USA (US)
Li Chen, c/o Schlumberger Technologies (Beijing) Ltd.,
9th Floor, Innovation Plaza A, Tsinghua Science Park,
100084 BEIJING, Kina (CN)
(54) **Benevnelse:**
PROCESSES AND SYSTEMS FOR DETERMINING IF
DOWNHOLE FLUIDS ARE IN EQUILIBRIUM OR NON-
EQUILIBRIUM

(51) **Klasse:** *F03D 13/25 (2016.01)*
E02D 27/42 (2006.01)
F03D 13/20 (2016.01)
B63B 43/14 (2006.01)
B63B 35/44 (2006.01)
E02B 17/00 (2006.01)
(21) **Søknadsnr:** 20211211
(22) **Inndag:** 2021.10.08
(41) **Allm.tilgj:** 2023.04.10
(24) **Løpedag:** 2021.10.08
(71) **Søker:**
Niels Christian OLSEN, Glimmervegen 11, 4347 LYE
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(72) **Oppfinner:**
Niels Christian OLSEN, Glimmervegen 11, 4347 LYE
(54) **Benevnelse:**
Floating foundation for wind turbine generators and a
method for instalment

Krav på norsk er innkommet 2023.02.13.

- (51) **Klasse:** G01V 1/38 (2006.01)
G01V 1/48 (2006.01)
G06T 3/40 (2006.01)
- (21) **Søknadsnr:** 20221017
- (22) **Inndag:** 2022.09.26
- (41) **Allm.tilgj:** 2023.03.30
- (30) **Prioritet:** 2021.09.29, US, 63/249,719
- (24) **Løpedag:** 2022.09.26
- (71) **Søker:**
CGG Services SAS, 27 avenue Carnot, 91300 MASSY,
Frankrike (FR)
- (74) **Fullmektig:**
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,
Norge
- (72) **Oppfinner:**
Gordon Poole, C/o CGGVeritas Sevices SA, 27 avenue
Carnot, 91300 MASSY, Frankrike (FR)
- (54) **Benevnelse:**
SEISMIC DATA RECORDING AND PROCESSING WITH
DIFFERENT UNCONTAMINATED RECORDING TIME
LENGTHS
-

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 61/60 (2017.01)*
A01K 61/13 (2017.01)
A01K 63/04 (2006.01)
A01K 63/10 (2017.01)
(11) **Patentnr:** 347024
(21) **Søknadsnr:** 20211093
(22) **Inng.dag:** 2021.09.10
(30) **Prioritet:** 2020.09.10, NO, 20200993
(24) **Løpedag:** 2021.09.10
(41) **Allm.tilg.dag:** 2022.03.11
(45) **Meddelt:** 2023.04.17
(73) **Innehaver:**
SEAFARMING SYSTEMS AS, Camilla Colletts gate 6,
4020 STAVANGER
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
(72) **Oppfinner:**
Alf Reidar Sandstad, Camilla Colletts gate 6, 4020
STAVANGER
(54) **Benevnelse:**
A fish farming facility comprising a water outlet cleaning
device

(51) **Klasse:** *A01K 79/00 (2006.01)*
A01K 75/00 (2006.01)
B63B 35/14 (2006.01)
A01K 63/02 (2006.01)
F16L 11/00 (2006.01)
F16L 11/20 (2006.01)
B65G 53/04 (2006.01)
B65G 53/30 (2006.01)
B63B 27/24 (2006.01)
B63B 27/30 (2006.01)
(11) **Patentnr:** 347025
(21) **Søknadsnr:** 20210620
(22) **Inng.dag:** 2021.05.19
(24) **Løpedag:** 2021.05.19
(41) **Allm.tilg.dag:** 2022.11.21
(45) **Meddelt:** 2023.04.17
(73) **Innehaver:**
SKIPSKOMPETANSE AS, Postboks 266, 6701 MÅLØY
(74) **Fullmektig:**
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
(72) **Oppfinner:**
Per Jørgen Silden, Nordvågsøyvegen 624, 6710
RAUDEBERG
(54) **Benevnelse:**
Fish transfer vacuum hose assembly

(51) **Klasse:** *B01D 47/02 (2006.01)*
B01D 53/14 (2006.01)
B01J 19/24 (2006.01)
(11) **Patentnr:** 347023
(21) **Søknadsnr:** 20210332
(22) **Inng.dag:** 2021.03.16
(24) **Løpedag:** 2021.03.16
(41) **Allm.tilg.dag:** 2022.09.19
(45) **Meddelt:** 2023.04.17
(73) **Innehaver:**
Minox Technology AS, Tinnegrendveien 93, 3683
NOTODDEN
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(72) **Oppfinner:**
Tor Olav Seltveit, Tinnesgata 37, 3675 NOTODDEN
(54) **Benevnelse:**
Device with variable volume for treatment of gases and
liquids

(51) **Klasse:** *B65G 1/04 (2006.01)*
B65G 1/06 (2006.01)
(11) **Patentnr:** 347021
(21) **Søknadsnr:** 20211117
(22) **Inng.dag:** 2021.09.17
(24) **Løpedag:** 2021.09.17
(41) **Allm.tilg.dag:** 2023.03.20
(45) **Meddelt:** 2023.04.17
(73) **Innehaver:**
Autostore Technology AS, Stokkastrandvegen 85, 5578
NEDRE VATS
(74) **Fullmektig:**
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,
Norge
(72) **Oppfinner:**
Jørgen Djuve Heggebø, Dreganesveien 59, 5580 ØLEN
(54) **Benevnelse:**
STORAGE SYSTEM

(51) **Klasse:** *E21B 43/112 (2006.01)*
E21B 43/11 (2006.01)
E21B 29/00 (2006.01)
E21B 7/04 (2006.01)
(11) **Patentnr:** 347022
(21) **Søknadsnr:** 20211208
(22) **Inng.dag:** 2021.10.07
(24) **Løpedag:** 2021.10.07
(41) **Allm.tilg.dag:** 2023.04.10
(45) **Meddelt:** 2023.04.17
(73) **Innehaver:**
Altus Intervention (Technology) AS, Moseidveien 35, 4033
STAVANGER
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(72) **Oppfinner:**
Erlend Søyland, c/o Altus Intervention, Moseidveien 35,
4033 STAVANGER
(54) **Benevnelse:**
Radial Drilling Unit

Europeiske patenter (b1) med virkning i Norge

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

- (51) **Klasse :** **A61B 5/00 (2006.01)**
A61B 5/145 (2006.01)
- (87) **EP Publ.nr:** EP3578097
- (86) **EP søkn.nr:** 19172498.8
- (86) **EP innl.dag:** 2014.10.27
- (87) **EP publ.dag:** 2019.12.11
- (80) **EP meddelt :** 2022.11.30
- (30) **Prioritet:** 2013.10.28, US, 201361896597 P
- (73) **Innehaver:**
DexCom, Inc., 6340 Sequence DriveSan Diego, CA 92121, US-USA
- (72) **Oppfinner:**
Reihman, Eli, 9019 MeadowrunSan Diego, CA 92129, US-USA
Blackwell, Jennifer, 10168 Royal Ann AvenueSan Diego, CA 92126, US-USA
Bowman, Leif N., 11456 Nantucket Park PlaceSan Diego, CA 92130, US-USA
Hall, Thomas, 10819 Bonjon LaneSan Diego, CA 92131, US-USA
Koehler, Katherine Yerre, 1351 Sun Valley RoadSolana Beach, CA 92075, US-USA
McDaniel, Zebediah L., 4655 Castelar StreetSan Diego, CA 92107, US-USA
Wightlin, Matthew D., 8407 Reagan GlennSan Diego, CA 92127, US-USA
- (74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (54) **Benevnelse:**
DEVICES USED IN CONNECTION WITH CONTINUOUS ANALYTE MONITORING THAT PROVIDE THE USER WITH ONE OR MORE NOTIFICATIONS

- (51) **Klasse :** **A61K 9/00 (2006.01)**
A61K 9/28 (2006.01)
A61K 9/50 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
- (87) **EP Publ.nr:** EP3236943
- (86) **EP søkn.nr:** 15834774.0
- (86) **EP innl.dag:** 2015.12.23
- (87) **EP publ.dag:** 2017.11.01
- (80) **EP meddelt :** 2023.01.25
- (30) **Prioritet:** 2014.12.24, US, 201462096812 P
- (86) **Int.inndag :** 2015.12.23
- (86) **Int.søknadsnr :** PCT/US2015/000515
- (73) **Innehaver:**
Principia Biopharma Inc., 220 E. Grand Ave.S. San Francisco, CA 94080, US-USA
- (72) **Oppfinner:**
NUNN, Philip, A., 242 Mountain View AvenueMountain View CA 94041, US-USA
BERNER, Bret, 424 Lee AveHalf Moon Bay CA 94019, US-USA
MASJEDIZADEH, Mohammad, Reza, 5341 Elrose AvenueSan Jose CA 95124, US-USA
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
COMPOSITIONS FOR ILEO-JEJUNAL DRUG DELIVERY

- (51) **Klasse :** **A61K 9/00 (2006.01)**
A61K 31/485 (2006.01)
A61K 47/22 (2006.01)
A61K 47/34 (2006.01)
- (87) **EP Publ.nr:** EP3360538
- (86) **EP søkn.nr:** 17205986.7
- (86) **EP innl.dag:** 2011.06.06
- (87) **EP publ.dag:** 2018.08.15
- (80) **EP meddelt :** 2023.02.15
- (30) **Prioritet:** 2010.06.08, GB, 201009549
- (73) **Innehaver:**
Indivior UK Limited, The Chapleo Building Henry Boot WayPriory Park Hull HU4 7DY, GB-Storbritannia
- (72) **Oppfinner:**
NORTON, Richard, L., c/o Indivior Inc. 2579 Midpoint Drive,Fort Collins, Colorado 80525, US-USA
WATKINS, Andrew, c/o Indivior Inc. 2579 Midpoint Drive,Fort Collins, Colorado 80525, US-USA
ZHOU, Mingxing, c/o Indivior Inc. 2579 Midpoint Drive,Fort Collins, Colorado 80525, US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
INJECTABLE FLOWABLE COMPOSITION COMPRISING BUPRENORPHINE

- (51) **Klasse :** **A61K 33/24 (2019.01)**
A23L 33/16 (2016.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 9/48 (2006.01)
A61P 15/08 (2006.01)
C01G 41/00 (2006.01)
- (87) **EP Publ.nr:** EP3173382
- (86) **EP søkn.nr:** 14898173.1
- (86) **EP innl.dag:** 2014.07.21
- (87) **EP publ.dag:** 2017.05.31
- (80) **EP meddelt :** 2023.01.04
- (86) **Int.inndag :** 2014.07.21
- (86) **Int.søknadsnr :** PCT/ES2014/070586
- (73) **Innehaver:**
OXOLIFE, S.L., C/ Nou 5308192 Sant Quirze del Vallès (Barcelona), ES-Spania
- (72) **Oppfinner:**
CANALS ALMAZÁN, Ignacio, c/ Nou 53 Sant Quirze del Vallès08192 Barcelona, ES-Spania
ARBAT BUGIÉ, Agnès, c/ Nou 53 Sant Quirze del Vallès08192 Barcelona, ES-Spania
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
TUNGSTEN (VI) SALTS FOR STIMULATING FERTILITY AND REPRODUCTION AND FOR IMPROVING THE EFFECTIVENESS OF ASSISTED REPRODUCTION TECHNIQUES

(51) **Klasse :** **A61M 5/315 (2006.01)**
A61M 5/24 (2006.01)
A61M 5/31 (2006.01)
(87) **EP Publ.nr:** EP3639872
(86) **EP søkn.nr:** 19213439.3
(86) **EP innl.dag:** 2013.08.29
(87) **EP publ.dag:** 2020.04.22
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2012.08.31, EP, 12182564
2012.09.04, US, 201261696496 P
(73) **Innehaver:**
Sanofi-Aventis Deutschland GmbH, Brüningstraße
5065929 Frankfurt am Main, DE-Tyskland
(72) **Oppfinner:**
PLUMPTRE, David Aubrey, 36 Shire WayDroitwich Spa,
Worcestershire WR 9 7RQ, GB-Storbritannia
OSMAN, Thomas Frederick, c/o DCS Design International
19 Church StreetWarwick CV34 4AB, GB-Storbritannia
(74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
CHALFONT ST PETER, Storbritannia
(54) **Benevnelse:**
DRUG DELIVERY DEVICE

(51) **Klasse :** **B01D 17/06 (2006.01)**
C10G 33/02 (2006.01)
(87) **EP Publ.nr:** EP3906105
(86) **EP søkn.nr:** 20703105.5
(86) **EP innl.dag:** 2020.01.03
(87) **EP publ.dag:** 2021.11.10
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2019.01.04, US, 201962788601 P
(86) **Int.inndag :** 2020.01.03
(86) **Int.søknadsnr :** PCT/US2020/012180
(73) **Innehaver:**
FMC Technologies, Inc., 11740 Katy FreewayHouston, TX
77079, US-USA
(72) **Oppfinner:**
LOBATO, Arturo Ernesto Menchaca, 11740 Katy
FreewayHouston, TX 77079, US-USA
(74) **Fullmektig:**
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
(54) **Benevnelse:**
ELECTRO-COALESCE CELL WITH TURBULANCE-
INDUCING SHAPE FOR MAXIMIZED PERFORMANCE

(51) **Klasse :** **B27N 3/28 (2006.01)**
B29C 48/16 (2019.01)
(87) **EP Publ.nr:** EP3515707
(86) **EP søkn.nr:** 17794097.0
(86) **EP innl.dag:** 2017.09.21
(87) **EP publ.dag:** 2019.07.31
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2016.09.23, NL, 1042071
(86) **Int.inndag :** 2017.09.21
(86) **Int.søknadsnr :** PCT/NL2017/050626
(73) **Innehaver:**
Handelsonderneming We-Ha, Stationsstraat 655751 HC
Deurne, NL-Nederland
(72) **Oppfinner:**
HOEBERGEN, Wilhelmus Maria, Deurne, NL-Nederland
(74) **Fullmektig:**
Nordic Patent Service A/S, Bredgade 30, 1260
KØBENHAVN K, Danmark
(54) **Benevnelse:**
METHOD FOR MANUFACTURING A WOOD
COMPOSITE

(51) **Klasse :** **B28C 7/02 (2006.01)**
B29C 35/02 (2006.01)
B29C 70/88 (2006.01)
C04B 28/02 (2006.01)
C04B 40/00 (2006.01)
(87) **EP Publ.nr:** EP2790884
(86) **EP søkn.nr:** 11877502.2
(86) **EP innl.dag:** 2011.12.12
(87) **EP publ.dag:** 2014.10.22
(80) **EP meddelt :** 2023.02.01
(86) **Int.inndag :** 2011.12.12
(86) **Int.søknadsnr :** PCT/US2011/064333
(73) **Innehaver:**
Verifi LLC, 9466 Meridian WayWest Chester, OH 45069,
US-USA
(72) **Oppfinner:**
KOEHLER, Eric, 45 Garden Street Apt 1Boston, MA 02114,
US-USA
ROBERTS, Mark, F., 31 Bridges LaneNorth Andover, MA
01845, US-USA
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(54) **Benevnelse:**
MULTIVARIATE MANAGEMENT OF ENTRAINED AIR
AND RHEOLOGY IN CEMENTITIOUS MIXES

(51) **Klasse :** **B65D 43/02 (2006.01)**
B65D 47/12 (2006.01)
B65D 51/24 (2006.01)
(87) **EP Publ.nr:** EP3472058
(86) **EP søkn.nr:** 17734605.3
(86) **EP innl.dag:** 2017.06.20
(87) **EP publ.dag:** 2019.04.24
(80) **EP meddelt :** 2023.03.01
(30) **Prioritet:** 2016.06.20, US, 201662352330 P
(86) **Int.inndag :** 2017.06.20
(86) **Int.søknadsnr :** PCT/US2017/038341
(73) **Innehaver:**
Yeti Coolers, LLC, 7601 Southwest ParkwayAustin, TX
78735, US-USA
(72) **Oppfinner:**
SEIDERS, Roy, c/o YETI Coolers, LLC 7601 Southwest
ParkwayAustin, TX 78735, US-USA
SULLIVAN, Derek, c/o YETI Coolers, LLC 7601 Southwest
ParkwayAustin, TX 78735, US-USA
BONDHUS, Andy, c/o YETI Coolers, LLC 7601 Southwest
ParkwayAustin, TX 78735, US-USA
GOLDBERG, Evan, c/o YETI Coolers, LLC 7601
Southwest ParkwayAustin, TX 78735, US-USA
(74) **Fullmektig:**
Nordic Patent Service A/S, Bredgade 30, 1260
KØBENHAVN K, Danmark
(54) **Benevnelse:**
LID FOR CONTAINER

- (51) **Klasse :** *B65H 3/66 (2006.01)*
B65H 1/02 (2006.01)
B65H 3/04 (2006.01)
B65H 3/12 (2006.01)
B65H 7/02 (2006.01)
- (87) **EP Publ.nr:** EP3986815
(86) **EP søkn.nr:** 20733290.9
(86) **EP innl.dag:** 2020.06.19
(87) **EP publ.dag:** 2022.04.27
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2019.06.20, FR, 1906687
(86) **Int.inndag :** 2020.06.19
(86) **Int.søknadsnr :** PCT/EP2020/067068
- (73) **Innehaver:**
Solystic, 152-160 avenue Aristide Briand 92220 Bagneux,
FR-Frankrike
- (72) **Oppfinner:**
BREYSSE, Steve, Quartier des Ramières 07800
BEAUCHASTEL, FR-Frankrike
REBOUL, Jean-Michel, Quartier des Labes 26260 SAINT
DONAT, FR-Frankrike
TELUOB, Jean-Marc, 32 bis Impasse La Mure 07130
CORNAS, FR-Frankrike
- (74) **Fullmektig:**
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,
Frankrike
- (54) **Benevnelse:**
SUPPLY DEVICE FOR SUPPLYING A POSTAL SORTING
CONVEYOR WITH POSTAL MAIL ITEMS

- (51) **Klasse :** *B66C 3/00 (2006.01)*
E02F 3/36 (2006.01)
- (87) **EP Publ.nr:** EP3851404
(86) **EP søkn.nr:** 20212992.0
(86) **EP innl.dag:** 2020.12.10
(87) **EP publ.dag:** 2021.07.21
(80) **EP meddelt :** 2023.02.08
(30) **Prioritet:** 2020.01.13, DE, 102020100519
- (73) **Innehaver:**
OilQuick Deutschland KG, Bürgermeister-Schauer-Straße
182297 Steindorf, DE-Tyskland
- (72) **Oppfinner:**
STÖSSL, Martin, Figurstraße 4085132 Rupertsbuch
Schernfeld, DE-Tyskland
KOLLMANN, Michael, Badstraße 1286492 Egling an der
Paar, DE-Tyskland
- (74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
- (54) **Benevnelse:**
LOADING CRANE CHANGER

- (51) **Klasse :** *C01B 32/30 (2017.01)*
C01B 32/05 (2017.01)
C08H 7/00 (2006.01)
C08H 8/00 (2010.01)
C08K 3/04 (2006.01)
C09C 1/48 (2006.01)
- (87) **EP Publ.nr:** EP3230204
(86) **EP søkn.nr:** 15868340.9
(86) **EP innl.dag:** 2015.12.11
(87) **EP publ.dag:** 2017.10.18
(80) **EP meddelt :** 2023.02.08
(30) **Prioritet:** 2014.12.11, US, 201462090538 P
(86) **Int.inndag :** 2015.12.11
(86) **Int.søknadsnr :** PCT/IB2015/059531
- (73) **Innehaver:**
Stora Enso Oyj, P.O. Box 30900101 Helsinki, FI-Finland
- (72) **Oppfinner:**
WALTER, Stephan, Kemnader Str. 294A44797 Bochum,
DE-Tyskland
GAROFF, Niklas, Personnevägen 4112935 Hägersten, SE-
Sverige
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
A NOVEL METHOD FOR CARBONIZING
LIGNOCELLULOSIC MATERIAL AS A POWDER

- (51) **Klasse :** *C01B 33/107 (2006.01)*
- (87) **EP Publ.nr:** EP3966164
(86) **EP søkn.nr:** 20707040.0
(86) **EP innl.dag:** 2020.02.20
(87) **EP publ.dag:** 2022.03.16
(80) **EP meddelt :** 2023.01.25
(86) **Int.inndag :** 2020.02.20
(86) **Int.søknadsnr :** PCT/EP2020/054490
- (73) **Innehaver:**
Wacker Chemie AG, Hanns-Seidel-Platz 481737 München,
DE-Tyskland
- (72) **Oppfinner:**
KNOTH, Jens Felix, Raiffeisenstraße 384533 Marktl, DE-
Tyskland
PÄTZOLD, Uwe, Trebnitzer Straße 1284489 Burghausen,
DE-Tyskland
STRASSER, Monika, Brucknerstraße 484489 Burghausen,
DE-Tyskland
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
PROCESS FOR THE PRODUCTION OF
HEXACHLORDISILANE BY REACTION OF AT LEAST
ONE PARTIALLY HYDROGENATED CHLORORDISILANE
ON A SOLID, UNFUNCTIONALIZED ADSORBER

(51) **Klasse :** C07C 27/00 (2006.01)
B01J 6/00 (2006.01)
B01J 8/24 (2006.01)
B01J 8/26 (2006.01)
B01J 19/02 (2006.01)
C07C 29/14 (2006.01)
C07C 45/60 (2006.01)

(87) **EP Publ.nr:** EP3823949

(86) **EP søkn.nr:** 19742172.0

(86) **EP innl.dag:** 2019.07.16

(87) **EP publ.dag:** 2021.05.26

(80) **EP meddelt :** 2023.01.18

(30) **Prioritet:** 2018.07.16, DK, PA201800393

(86) **Int.inndag :** 2019.07.16

(86) **Int.søknadsnr :** PCT/EP2019/069073

(73) **Innehaver:**
Topsoe A/S, Haldor Topsøes Allé 12800 Kgs. Lyngby, DK-Danmark

(72) **Oppfinner:**
PEDERSEN, Lars Storm, Rosenvænget 83520 Farum, DK-Danmark
LARSEN, Morten Boberg, Gammeldamsgård 72765 Smørum, DK-Danmark
MORTENSEN, Peter Mølgaard, Tofteengen 274000 Roskilde, DK-Danmark

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

(54) **Benevnelse:**
THERMOLYTIC FRAGMENTATION OF SUGARS USING RESISTANCE HEATING

(51) **Klasse :** C07D 403/12 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)

(87) **EP Publ.nr:** EP3870574

(86) **EP søkn.nr:** 19789997.4

(86) **EP innl.dag:** 2019.10.23

(87) **EP publ.dag:** 2021.09.01

(80) **EP meddelt :** 2023.01.04

(30) **Prioritet:** 2018.10.23, EP, 18202136
2018.12.21, WO, PCT/EP18/086617
2019.03.22, WO, PCT/EP19/057320

(86) **Int.inndag :** 2019.10.23

(86) **Int.søknadsnr :** PCT/EP2019/078848

(73) **Innehaver:**
Step Pharma S.A.S., 101 rue de Sevres75272 Paris, Cedex 06, FR-Frankrike

(72) **Oppfinner:**
QUDDUS, Abdul, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
NOVAK, Andrew, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
COUSIN, David, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
BLACKHAM, Emma, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
JONES, Geraint, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
WRIGGLESWORTH, Joseph, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
DUFFY, Lorna, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
BIRCH, Louise, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia
GEORGE, Pascal, c/o Step Pharma S.A.S. 101 rue de Sevres75272 Paris, Cedex 06, FR-Frankrike
AHMED, Saleh, c/o Sygnature Discovery Ltd BioCity Pennyfoot StreetNottingham Nottinghamshire NG1 1GR, GB-Storbritannia

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

(54) **Benevnelse:**
AMINOPYRIMIDINE/PYRAZINE DERIVATIVES AS CTPS1 INHIBITORS

(51) **Klasse :** C07D 413/14 (2006.01)
A61K 31/423 (2006.01)
A61P 37/00 (2006.01)

(87) **EP Publ.nr:** EP3774791
(86) **EP søkn.nr:** 19722310.0
(86) **EP innl.dag:** 2019.03.29
(87) **EP publ.dag:** 2021.02.17
(80) **EP meddelt :** 2022.12.21
(30) **Prioritet:** 2018.03.30, US, 201862650821 P
2018.06.21, US, 201862687964 P

(86) **Int.inndag :** 2019.03.29
(86) **Int.søknadsnr :** PCT/US2019/025036
(73) **Innehaver:**
Incyte Corporation, 1801 Augustine Cut-OffWilmington, DE
19803, US-USA

(72) **Oppfinner:**
WU, Liangxing, 1801 Augustine Cut-OffWilmington,
Delaware 19803, US-USA
LI, Jingwei, 1801 Augustine Cut-OffWilmington, Delaware
19803, US-USA
YAO, Wenqing, 1801 Augustine Cut-OffWilmington,
Delaware 19803, US-USA

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

(54) **Benevnelse:**
HETEROCYCLIC COMPOUNDS AS
IMMUNOMODULATORS

(51) **Klasse :** C09D 5/22 (2006.01)
C08K 3/22 (2006.01)
C09D 5/14 (2006.01)
C09D 7/61 (2018.01)
C09K 11/02 (2006.01)
C09K 11/77 (2006.01)

(87) **EP Publ.nr:** EP3929254
(86) **EP søkn.nr:** 21179184.3
(86) **EP innl.dag:** 2021.06.14
(87) **EP publ.dag:** 2021.12.29
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2020.06.26, EP, 20182405

(73) **Innehaver:**
Evonik Operations GmbH, Rellinghauser Straße 1-1145128
Essen, DE-Tyskland

(72) **Oppfinner:**
Schulte, Simone, 45133 Essen, DE-Tyskland
Hallack, Markus, 46514 Schermbeck, DE-Tyskland
Krusenbaum, Sabine, 45134 Essen, DE-Tyskland
Janke, Christina, 45327 Essen, DE-Tyskland

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

(54) **Benevnelse:**
COMPOSITION FOR PRODUCING COATINGS WITH
ANTIMICROBIAL PROPERTIES

(51) **Klasse :** C09J 123/14 (2006.01)
C08L 91/06 (2006.01)
C09J 123/20 (2006.01)

(87) **EP Publ.nr:** EP3847221
(86) **EP søkn.nr:** 19783668.7
(86) **EP innl.dag:** 2019.09.03
(87) **EP publ.dag:** 2021.07.14
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2018.09.03, ZA, 201805888

(86) **Int.inndag :** 2019.09.03
(86) **Int.søknadsnr :** PCT/IB2019/057410
(73) **Innehaver:**
Sasol South Africa Limited, Sasol Place 50 Katherine
Street Sandton2196 Johannesburg, ZA-Sør-Afrika

(72) **Oppfinner:**
DE JONGE, Johan, Gerrit, Jan, Lippe-Biesterfeldstraat
167315JM Apeldoorn, NL-Nederland
RICHARDS, Philip, 7 Jonkershoek Street1947 Vaalpark,
ZA-Sør-Afrika
VERMEULEN, Johannes, Petrus, 12 Lethabo Street,
Vaalpark1947 Sasolburg, ZA-Sør-Afrika

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

(54) **Benevnelse:**
HOT MELT ADHESIVE COMPOSITIONS

(51) **Klasse :** C10G 2/00 (2006.01)
C10L 1/02 (2006.01)

(87) **EP Publ.nr:** EP3649098
(86) **EP søkn.nr:** 18719596.1
(86) **EP innl.dag:** 2018.05.02
(87) **EP publ.dag:** 2020.05.13
(80) **EP meddelt :** 2023.03.08
(30) **Prioritet:** 2017.07.06, EP, 17180085

(86) **Int.inndag :** 2018.05.02
(86) **Int.søknadsnr :** PCT/EP2018/061121
(73) **Innehaver:**
Rheinisch-Westfälische Technische Hochschule (RWTH)
Aachen, Templergraben 5552056 Aachen, DE-Tyskland

(72) **Oppfinner:**
LEITNER, Walter, Brüsselerring 3752074 Aachen, DE-
Tyskland
HEUSER, Benedikt, Friedhofsweg 13B4730 Hauset, BE-
Belgia
PISCHINGER, Stefan, Martelenbergerweg 20B52066
Aachen, DE-Tyskland

(74) **Fullmektig:**
KIPA AB, Drottninggatan 11, 5tr, 25221 HELSINGBORG,
Sverige

(54) **Benevnelse:**
METHOD FOR MAKING A FUEL FOR COMBUSTION
ENGINES

- (51) **Klasse :** C12N 15/10 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
C12N 5/10 (2006.01)
C12Q 1/6809 (2018.01)
- (87) **EP Publ.nr:** EP3688155
(86) **EP søkn.nr:** 18803487.0
(86) **EP innl.dag:** 2018.09.28
(87) **EP publ.dag:** 2020.08.05
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2017.09.28, US, 201762564454 P
2018.03.28, US, 201862649429 P
- (86) **Int.inndag :** 2018.09.28
(86) **Int.søknadsnr :** PCT/US2018/053583
(73) **Innehaver:**
Immact-Bio Ltd., 2 Ilan Ramon Street P.O. Box
40447403635 Ness-Ziona, IL-Israel
Gavish-Galilee Bio Applications Ltd, P.O. Box 8311101602
Kiryat Shmona, IL-Israel
- (72) **Oppfinner:**
GROSS, Gideon, III-1-5 Address M.P. Korazim1292200
Moshav Almagor, IL-Israel
GIBSON, Will, c/o ImmPACT-Bio Ltd. 2 Ilan Ramon St.
P.O. Box 40447403635 Ness Ziona, IL-Israel
DAHARY, Dvir, c/o ImmPACT-Bio Ltd. 2 Ilan Ramon St.
P.O. Box 40447403635 Ness Ziona, IL-Israel
BEIMAN, Merav, c/o ImmPACT-Bio Ltd. 2 Ilan Ramon St.
P.O. Box 40447403635 Ness Ziona, IL-Israel
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
A UNIVERSAL PLATFORM FOR PREPARING AN
INHIBITORY CHIMERIC ANTIGEN RECEPTOR (ICAR)

- (51) **Klasse :** C22B 3/26 (2006.01)
C22B 3/40 (2006.01)
C22B 59/00 (2006.01)
- (87) **EP Publ.nr:** EP3833789
(86) **EP søkn.nr:** 19795256.7
(86) **EP innl.dag:** 2019.09.24
(87) **EP publ.dag:** 2021.06.16
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2018.09.26, FR, 1858788
(86) **Int.inndag :** 2019.09.24
(86) **Int.søknadsnr :** PCT/FR2019/052238
(73) **Innehaver:**
Commissariat à l'énergie atomique et aux énergies
alternatives, Bâtiment "Le Ponant D" 25 rue Leblanc75015
Paris, FR-Frankrike
OCP S.A., 2-4, rue Al Abtal Hay Erraha, route d'El
JadidaCasablanca, 20200, MA-Marokko
- (72) **Oppfinner:**
ANDREIADIS, Eugen, 14 rue Persil84000 AVIGNON, FR-
Frankrike
DUCHESNE, Marie-Thérèse, 177 chemin des
Grottes84500 BOLLENE, FR-Frankrike
OUAATTOU, Abba, c/o OCP S.A 2-4, rue Al Abtal, Hay
Erraha route d'El Jadida20200, Casablanca, MA-Marokko
MAZOUZ, Hamid, c/o OCP S.A 2-4, rue Al Abtal, Hay
Erraha route d'El Jadida20200, Casablanca, MA-Marokko
DHIBA, Driss, c/o OCP S.A 2-4, rue Al Abtal, Hay Erraha
route d'El Jadida20200, Casablanca, MA-Marokko
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
USE OF A SYNERGISTIC MIXTURE OF EXTRACTANTS
FOR EXTRACTING RARE EARTH ELEMENTS FROM AN
AQUEOUS MEDIUM COMPRISING PHOSPHORIC ACID

- (51) **Klasse :** C22C 9/04 (2006.01)
C22F 1/08 (2006.01)
- (87) **EP Publ.nr:** EP3872199
(86) **EP søkn.nr:** 19935596.7
(86) **EP innl.dag:** 2019.12.11
(87) **EP publ.dag:** 2021.09.01
(80) **EP meddelt :** 2023.02.22
(30) **Prioritet:** 2019.06.25, JP, 2019116914
2019.07.12, JP, 2019130143
2019.07.31, JP, 2019141096
2019.09.09, JP, 2019163773
- (86) **Int.inndag :** 2019.12.11
(86) **Int.søknadsnr :** PCT/JP2019/048455
(73) **Innehaver:**
Mitsubishi Materials Corporation, 2-3, Marunouchi 3-
chome, Chiyoda-kuTokyo 100-8117, JP-Japan
- (72) **Oppfinner:**
OISHI Keiichiro, c/o Sambo Plant, Mitsubishi Shindoh Co.,
Ltd., 8- 374, Sambo-cho, Sakai-kuSakai-shi, Osaka 590-
0906, JP-Japan
SUZAKI Kouichi, c/o Sambo Plant, Mitsubishi Shindoh Co.,
Ltd., 8- 374, Sambo-cho, Sakai-kuSakai-shi, Osaka 590-
0906, JP-Japan
GOTO Hiroki, c/o Sambo Plant, Mitsubishi Shindoh Co.,
Ltd., 8- 374, Sambo-cho, Sakai-kuSakai-shi, Osaka 590-
0906, JP-Japan
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
FREE-CUTTING COPPER ALLOY AND METHOD FOR
PRODUCING FREE-CUTTING COPPER ALLOY

- (51) **Klasse :** E02B 17/00 (2006.01)
B63B 21/27 (2006.01)
E02D 27/52 (2006.01)
E02D 31/00 (2006.01)
F03D 13/25 (2016.01)
- (87) **EP Publ.nr:** EP3228754
(86) **EP søkn.nr:** 17165137.5
(86) **EP innl.dag:** 2017.04.05
(87) **EP publ.dag:** 2017.10.11
(80) **EP meddelt :** 2023.01.11
(30) **Prioritet:** 2016.04.05, NL, 2016555
(73) **Innehaver:**
SPT Equipment BV, Pelmolenaan 1A3447 GW Woerden,
NL-Nederland
- (72) **Oppfinner:**
Dijkstra, Oene Jeljer, p/a Pelmolenaan 1A3447 GW
Woerden, NL-Nederland
Buykx, Stefan, p/a Pelmolenaan 1A3447 GW Woerden,
NL-Nederland
- (74) **Fullmektig:**
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,
Frankrike
- (54) **Benevnelse:**
SCOUR PROTECTION FOR SUCTION PILE, E.G. PILE
LOWERING OPERATED

(51) **Klasse :** *E02F 3/36 (2006.01)*
 (87) **EP Publ.nr:** EP3502355
 (86) **EP søkn.nr:** 18209112.4
 (86) **EP innl.dag:** 2018.11.29
 (87) **EP publ.dag:** 2019.06.26
 (80) **EP meddelt :** 2023.02.08
 (30) **Prioritet:** 2017.12.19, DE, 102017130436
 (73) **Innehaver:**
 OilQuick Deutschland KG, Bürgermeister-Schauer-Straße
 182297 Steindorf, DE-Tyskland
 (72) **Oppfinner:**
 Ramp, Christian, Hauptstraße 14a82297 Steindorf, DE-
 Tyskland
 (74) **Fullmektig:**
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
 STAVANGER, Norge
 (54) **Benevnelse:**
 ADAPTER, QUICK COUPLING AND QUICK COUPLING
 SYSTEM

(51) **Klasse :** *E04F 11/18 (2006.01)*
F16J 15/14 (2006.01)
 (87) **EP Publ.nr:** EP3591137
 (86) **EP søkn.nr:** 19168768.0
 (86) **EP innl.dag:** 2019.04.11
 (87) **EP publ.dag:** 2020.01.08
 (80) **EP meddelt :** 2022.12.28
 (30) **Prioritet:** 2018.07.04, GB, 201810955
 (73) **Innehaver:**
 Pure Vista Ltd, Pendewey, Stony LaneBamin, Cornwall
 PL31 2QX, GB-Storbritannia
 (72) **Oppfinner:**
 NOBLE, Angus, Noble Design Ltd 4 Gidleys Meadow
 DarlingtonTotnes, Devon TQ9 6JZ, GB-Storbritannia
 (74) **Fullmektig:**
 Valet Patent Services Limited, Landsberger Str. 302, 80687
 MÜNCHEN, Tyskland
 (54) **Benevnelse:**
 SEALING DEVICE, SYSTEM AND METHOD

(51) **Klasse :** *E21B 17/08 (2006.01)*
E21B 19/00 (2006.01)
 (87) **EP Publ.nr:** EP3853434
 (86) **EP søkn.nr:** 19790704.1
 (86) **EP innl.dag:** 2019.09.18
 (87) **EP publ.dag:** 2021.07.28
 (80) **EP meddelt :** 2022.12.21
 (30) **Prioritet:** 2018.09.18, GB, 201815150
 (86) **Int.inndag :** 2019.09.18
 (86) **Int.søknadsnr :** PCT/GB2019/052630
 (73) **Innehaver:**
 Oil States Industries (UK) Limited, Site E6, Moss Road
 Gateway Business ParkNigg, Aberdeen, Scotland AB12
 3GQ, GB-Storbritannia
 (72) **Oppfinner:**
 STEPHEN, Garry, 11 Nursery RoadMontrose Tayside
 DD10 9AW, GB-Storbritannia
 JOHNSTON, Richard, 12 Braehead ParkLinthgow Lothian
 EH49 6EJ, GB-Storbritannia
 SYMONDS, David, 71 South MiddletonUphall Lothian
 EH52 5GA, GB-Storbritannia
 WALLACE, Gordon, c/o Oil States Industries (UK) Limited
 Site E6 Moss Road Gateway Business Park, NiggAberdeen
 Aberdeenshire AB12 3GQ, GB-Storbritannia
 (74) **Fullmektig:**
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,
 00100 HELSINGFORS, Finland
 (54) **Benevnelse:**
 CONNECTION SYSTEM FOR A MARINE DRILLING
 RISER

(51) **Klasse :** *E21B 23/01 (2006.01)*
E21B 17/14 (2006.01)
E21B 33/129 (2006.01)
E21B 33/14 (2006.01)
 (87) **EP Publ.nr:** EP3596304
 (86) **EP søkn.nr:** 18711756.9
 (86) **EP innl.dag:** 2018.03.01
 (87) **EP publ.dag:** 2020.01.22
 (80) **EP meddelt :** 2023.01.18
 (30) **Prioritet:** 2017.03.15, US, 201715459948
 (86) **Int.inndag :** 2018.03.01
 (86) **Int.søknadsnr :** PCT/US2018/020447
 (73) **Innehaver:**
 Frank's International, LLC, 10260 Westheimer, Suite
 700Houston, TX 77042, US-USA
 (72) **Oppfinner:**
 BERSCHIEDT, Kevin, 2868 E. Osage RoadMarlow, OK
 73055, US-USA
 SUTTON, Michael, 11440 Walden LaneHouston, TX
 77024, US-USA
 HOLLAND, Cleo, 407 W. ComancheMarlow, OK 73055,
 US-USA
 (74) **Fullmektig:**
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,
 00100 HELSINGFORS, Finland
 (54) **Benevnelse:**
 MODULAR INSERT FLOAT SYSTEM

(51) **Klasse :** *E21B 34/06 (2006.01)*
 (87) **EP Publ.nr:** EP3670827
 (86) **EP søkn.nr:** 20156464.8
 (86) **EP innl.dag:** 2014.11.20
 (87) **EP publ.dag:** 2020.06.24
 (80) **EP meddelt :** 2023.01.25
 (30) **Prioritet:** 2013.11.26, US, 201361908844 P
 (73) **Innehaver:**
 Weatherford Technology Holdings, LLC, 2000, St. James
 PlaceHouston, TX 77056, US-USA
 (72) **Oppfinner:**
 KING, Kyle Allen, 12807 Pheasant Lake CourtHouston, TX
 Texas 77041, US-USA
 NOSKE, Joe, 408 Peden StreetHouston, TX Texas 77006,
 US-USA
 MCDOWELL, Christopher L., 2519 Roman Forest
 Blvd.New Caney, TX Texas 77357, US-USA
 MICKENS, Brian A., 19215 Kelly Pines Ct.Humble, TX
 Texas 77346, US-USA
 (74) **Fullmektig:**
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
 STAVANGER, Norge
 (54) **Benevnelse:**
 DOWNHOLE ISOLATION VALVE WITH A DIFFERENTIAL
 PRESSURE INDICATOR

(51) **Klasse :** *E21B 34/08 (2006.01)*
E21B 34/00 (2006.01)
E21B 34/10 (2006.01)
(87) **EP Publ.nr:** EP3559400
(86) **EP søkn.nr:** 17822758.3
(86) **EP innl.dag:** 2017.12.21
(87) **EP publ.dag:** 2019.10.30
(80) **EP meddelt :** 2023.02.01
(30) **Prioritet:** 2016.12.23, GB, 201622213
(86) **Int.inndag :** 2017.12.21
(86) **Int.søknadsnr :** PCT/GB2017/053853
(73) **Innehaver:**
CORETRAX GLOBAL LIMITED, Controls Building,
Badentoy Road Badentoy Industrial Estate
Portlethen Aberdeen AB12 4YA, GB-Storbritannia
(72) **Oppfinner:**
CHURCHILL, Andrew Philip, 22 Lochinch Drive Cove
Aberdeen AB12 3RY, GB-Storbritannia
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
(54) **Benevnelse:**
DOWNHOLE APPARATUS AND METHODS

(51) **Klasse :** *E21B 47/01 (2006.01)*
E21B 47/12 (2006.01)
(87) **EP Publ.nr:** EP2976497
(86) **EP søkn.nr:** 13720810.4
(86) **EP innl.dag:** 2013.04.09
(87) **EP publ.dag:** 2016.01.27
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2013.03.19, GB, 201305017
(86) **Int.inndag :** 2013.04.09
(86) **Int.søknadsnr :** PCT/EP2013/057417
(73) **Innehaver:**
X-Holding GmbH, Planckstr. 1532052 Herford, DE-
Tyskland
(72) **Oppfinner:**
LEVIE, David E. Y., Kreuzmattwald 26047 Kastanienbaum,
CH-Sveits
BAYNHAM, Richard Ronald, Via Garibaldi 7848100 Marina
di Ravenna, IT-Italia
(74) **Fullmektig:**
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,
00100 HELSINGFORS, Finland
(54) **Benevnelse:**
MODIFIED TUBULAR

(51) **Klasse :** *E21B 47/107 (2012.01)*
E21B 43/12 (2006.01)
E21B 47/01 (2012.01)
G01H 3/12 (2006.01)
G01N 15/00 (2006.01)
G01N 29/04 (2006.01)
G01N 29/22 (2006.01)
G10K 11/00 (2006.01)
H04R 1/02 (2006.01)
H04R 1/10 (2006.01)
(87) **EP Publ.nr:** EP3699395
(86) **EP søkn.nr:** 20159085.8
(86) **EP innl.dag:** 2020.02.24
(87) **EP publ.dag:** 2020.08.26
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2019.02.22, US, 201962808965 P
(73) **Innehaver:**
OneSubsea IP UK Limited, 100 New Bridge Street London
EC4V 6JA, GB-Storbritannia
(72) **Oppfinner:**
RUSTAD, Rolf, Sandslikroken 140 Sandsli5862
HordalandNorge
NOEL, Jean Francois, Sandslikroken 140 Sandsli5862
HordalandNorge
LAGRAND, Emmanuel, Sandslikroken 140 Sandsli5862
HordalandNorge
BJOERN DAL, Erlend, Sandslikroken 140 Sandsli5862
HordalandNorge
LUPEAU, Alexandre, Sandslikroken 140 Sandsli5862
HordalandNorge
XIE, Cheng-Gang, 1 Benoi Crescent 629986 Singapore,
SG-Singapore
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
(54) **Benevnelse:**
OILFIELD PRODUCTION PARTICULATE MONITORING
ASSEMBLY

(51) **Klasse :** *F25B 29/00 (2006.01)*
F25B 6/04 (2006.01)
F25B 9/00 (2006.01)
F25B 25/00 (2006.01)
(87) **EP Publ.nr:** EP3256798
(86) **EP søkn.nr:** 15703081.8
(86) **EP innl.dag:** 2015.02.09
(87) **EP publ.dag:** 2017.12.20
(80) **EP meddelt :** 2022.12.14
(86) **Int.inndag :** 2015.02.09
(86) **Int.søknadsnr :** PCT/EP2015/052619
(73) **Innehaver:**
Carrier Corporation, 1 Carrier Place Farmington, CT 06034-
4015, US-USA
(72) **Oppfinner:**
DOUVEN, Christian, c/o Carrier Kaeltetechnik Deutschland
GmbH Sürther Hauptstr. 17350999 Cologne, DE-Tyskland
HAFKEMEYER, Markus, c/o Carrier Kaeltetechnik
Deutschland GmbH Sürther Hauptstr. 17350999 Cologne,
DE-Tyskland
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(54) **Benevnelse:**
REFRIGERATION AND HEATING SYSTEM

- (51) **Klasse :** *F41H 9/10 (2006.01)*
F42B 27/00 (2006.01)
F42B 39/20 (2006.01)
F42C 9/10 (2006.01)
- (87) **EP Publ.nr:** EP3864365
 (86) **EP søkn.nr:** 19786298.0
 (86) **EP innl.dag:** 2019.10.07
 (87) **EP publ.dag:** 2021.08.18
 (80) **EP meddelt :** 2022.11.30
 (30) **Prioritet:** 2018.10.08, DE, 102018124363
 (86) **Int.inndag :** 2019.10.07
 (86) **Int.søknadsnr :** PCT/EP2019/077102
 (73) **Innehaver:**
 Rheinmetall Waffe Munition GmbH, Heinrich-Ehrhardt-Straße 229345 Südheide, DE-Tyskland
- (72) **Oppfinner:**
 CEGIEL, Dirk, c/o Rheinmetall Waffe Munition GmbH Nico Trittau Bei der Feuerwerkerei 422946 Trittau, DE-Tyskland
 SCHULZ, Ernest, Schippelsweg 34 b22455 Hamburg, DE-Tyskland
 STRENGER, Julia, Quellenweg 1120535 Hamburg, DE-Tyskland
 HABEL, Frank, Ernst-Kissowski-Straße 6a21522 Hohnstorf, DE-Tyskland
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
 IGNITER WITH AN ADJUSTABLE DELAY TIME

- (51) **Klasse :** *G01S 13/88 (2006.01)*
G01C 21/20 (2006.01)
G01C 21/34 (2006.01)
G01V 3/10 (2006.01)
G01V 3/15 (2006.01)
G01V 3/165 (2006.01)
G01V 3/17 (2006.01)
G05D 1/00 (2006.01)
G05D 1/10 (2006.01)
H02G 9/06 (2006.01)
- (87) **EP Publ.nr:** EP3469394
 (86) **EP søkn.nr:** 17810991.4
 (86) **EP innl.dag:** 2017.06.08
 (87) **EP publ.dag:** 2019.04.17
 (80) **EP meddelt :** 2023.02.22
 (30) **Prioritet:** 2016.06.09, US, 201662347814 P
 2017.06.07, US, 201715616704
 (86) **Int.inndag :** 2017.06.08
 (86) **Int.søknadsnr :** PCT/US2017/036483
 (73) **Innehaver:**
 Optimal Ranging, Inc., 1793 Lafayette St., Suite 220 Santa Clara CA 95050, US-USA
- (72) **Oppfinner:**
 GUDMUNDSSON, Thorkell, 5301 Rafton Drive San Jose California 95124, US-USA
 WAITE, James W., 402 Bella Vista Avenue Los Gatos California 95032, US-USA
 GARGOV, Dimitar, 2674 Piedmont Drive Merced California 95340, US-USA
- (74) **Fullmektig:**
 PatIO AB, Nordenskiöldsgatan 11A, 21119 MALMÖ, Sverige
- (54) **Benevnelse:**
 METHOD AND APPARATUS FOR SIMULTANEOUS INDUCTIVE EXCITATION AND LOCATING OF UTILITIES

- (51) **Klasse :** *G06F 9/445 (2018.01)*
G06F 8/65 (2018.01)
G06F 21/30 (2013.01)
H04W 4/40 (2018.01)
- (87) **EP Publ.nr:** EP3690643
 (86) **EP søkn.nr:** 17929441.8
 (86) **EP innl.dag:** 2017.10.24
 (87) **EP publ.dag:** 2020.08.05
 (80) **EP meddelt :** 2023.01.25
 (86) **Int.inndag :** 2017.10.24
 (86) **Int.søknadsnr :** PCT/SG2017/050530
 (73) **Innehaver:**
 Huawei International Pte. Ltd., 51, Changi Business Park Central 2 No 07-08, The Signature Singapore 486066, SG-Singapore
- (72) **Oppfinner:**
 YANG, Yanjiang, Huawei Administration Building Bantian, Longgang District Shenzhen Guangdong 518129, CN-Kina
 WEI, Zhuo, Huawei Administration Building Bantian, Longgang District Shenzhen Guangdong 518129, CN-Kina
 LIN, Hsiao Ying, Huawei Administration Building Bantian, Longgang District Shenzhen Guangdong 518129, CN-Kina
 LI, Tieyan, Huawei Administration Building Bantian, Longgang District Shenzhen Guangdong 518129, CN-Kina
 SHEN, Junqiang, Huawei Administration Building Bantian, Longgang District Shenzhen Guangdong 518129, CN-Kina
- (74) **Fullmektig:**
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
 VEHICLE-MOUNTED DEVICE UPGRADING METHOD AND RELATED DEVICE

- (51) **Klasse :** *H01M 10/04 (2006.01)*
H01M 50/204 (2021.01)
H01M 50/209 (2021.01)
- (87) **EP Publ.nr:** EP3886226
 (86) **EP søkn.nr:** 19906933.7
 (86) **EP innl.dag:** 2019.03.26
 (87) **EP publ.dag:** 2021.09.29
 (80) **EP meddelt :** 2023.02.01
 (30) **Prioritet:** 2018.12.30, CN, 201822275458 U
 (86) **Int.inndag :** 2019.03.26
 (86) **Int.søknadsnr :** PCT/CN2019/079640
 (73) **Innehaver:**
 Contemporary Amperex Technology Co., Limited, No. 2, Xin'gang Road, Zhangwan Town Jiaocheng District Ningde City, Fujian 352100, CN-Kina
- (72) **Oppfinner:**
 JIN, Haizu, c/o Contemporary Amperex Technology co., Limited No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde City, Fujian 352100, CN-Kina
 YOU, Kaijie, c/o Contemporary Amperex Technology co., Limited No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde City, Fujian 352100, CN-Kina
 HOU, Yuepan, c/o Contemporary Amperex Technology co., Limited No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde City, Fujian 352100, CN-Kina
 HU, Fei, c/o Contemporary Amperex Technology co., Limited No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde City, Fujian 352100, CN-Kina
 WANG, Peng, c/o Contemporary Amperex Technology co., Limited No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde City, Fujian 352100, CN-Kina
 LI, Zhenhua, c/o Contemporary Amperex Technology co., Limited No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng District Ningde City, Fujian 352100, CN-Kina
- (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
 BATTERY PACK

- (51) **Klasse :** *H01M 10/6568 (2014.01)*
H01M 10/0525 (2010.01)
H01M 10/0585 (2010.01)
H01M 10/647 (2014.01)
H01M 10/6554 (2014.01)
- (87) **EP Publ.nr:** EP3259800
(86) **EP søkn.nr:** 16751859.6
(86) **EP innl.dag:** 2016.02.18
(87) **EP publ.dag:** 2017.12.27
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2015.02.18, US, 201562117686 P
(86) **Int.inndag :** 2016.02.18
(86) **Int.søknadsnr :** PCT/CA2016/050149
(73) **Innehaver:**
Shift Clean Solutions Ltd., Airport Square 1200 W 73rd Ave
Suite 606 Vancouver, BC V6P 6G5, CA-Canada
- (72) **Oppfinner:**
KRUGER, Johannes Christian, 1939 144th Street Surrey,
British Columbia V4A 7M6, CA-Canada
PERRY, Brent Anthony, 1939 144th Street Surrey, British
Columbia V4A 7M6, CA-Canada
- (74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (54) **Benevnelse:**
LITHIUM ION BATTERY MODULE WITH COOLING
SYSTEM
-

- (51) **Klasse :** *H02G 3/04 (2006.01)*
H02G 3/12 (2006.01)
- (87) **EP Publ.nr:** EP3460930
(86) **EP søkn.nr:** 18195917.2
(86) **EP innl.dag:** 2018.09.21
(87) **EP publ.dag:** 2019.03.27
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2017.09.21, DE, 202017105736 U
(73) **Innehaver:**
f-tronic GmbH, Zum Gerlen 2566131 Saarbrücken, DE-
Tyskland
- (72) **Oppfinner:**
Fohs, Peter, Steinbruchstr. 2066399 Mandelbachtal, DE-
Tyskland
- (74) **Fullmektig:**
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104
OSLO, Norge
- (54) **Benevnelse:**
INSTALLATION BOX FOR ELECTRICAL INSTALLATION
-

Endrede europeiske patenter (b2) med virkning i Norge

- (51) **Klasse :** **A61K 9/20 (2006.01)**
A61K 31/4709 (2006.01)
C07D 401/12 (2006.01)
- (87) **EP Publ.nr.:** EP2498756
(86) **EP søkn.nr.:** 10779339.0
(86) **EP innl.dag:** 2010.11.02
(87) **EP publ.dag:** 2012.09.19
(80) **EP meddelt :** 2019.09.04
(30) **Prioritet:** 2009.11.09, US, 259403 P
(86) **Int.inndag :** 2010.11.02
(86) **Int.søknadsnr :** PCT/IB2010/054964
(73) **Innehaver:**
Wyeth LLC, 235 East 42nd Street New York, NY 10017,
US-USA
- (72) **Oppfinner:**
ASHRAF, Muhammad, 67 Boulevard Elmwood Park, New
Jersey 07407, US-USA
MAHMUD, Mainuddin, 12 Meredith Court Oak Ridge, New
Jersey 07438, US-USA
NAGI, Arwinder Singh, 12366 Nelson Road Moorpark,
California 93021, US-USA
GHOSH, Krishnendu, Pfizer Inc. 401 N. Middletown Road
Building 140-4th Fl. Pearl River, New York 10965, US-USA
GOOLCHARRAN, Chimanlall, Pfizer Global
Research & Development Eastern Point Road Groton,
Connecticut 06340, US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
TABLET FORMULATIONS OF NERATINIB MALEATE
-

- (51) **Klasse :** **D06N 7/00 (2006.01)**
A41B 11/00 (2006.01)
A41B 17/00 (2006.01)
- (87) **EP Publ.nr.:** EP2611316
(86) **EP søkn.nr.:** 11822521.8
(86) **EP innl.dag:** 2011.08.31
(87) **EP publ.dag:** 2013.07.10
(80) **EP meddelt :** 2019.12.04
(30) **Prioritet:** 2010.09.03, US, 379907 P
2011.08.29, US, 201113219713
(86) **Int.inndag :** 2011.08.31
(86) **Int.søknadsnr :** PCT/US2011/049809
(73) **Innehaver:**
Cherneski, James Paul, 709 Lelia Court Bel Air, MD 21014,
US-USA
- (72) **Oppfinner:**
Cherneski, James Paul, 709 Lelia Court Bel Air, MD 21014,
US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
GRIPPING SOCK AND METHOD FOR MAKING IT
-

Avgjørelse etter krav om administrativ overprøving av patent

- (51) **Klasse:** E02F 3/88 (2006.01)
E02F 3/90 (2006.01)
E02F 3/92 (2006.01)
E02F 5/10 (2006.01)
E02F 5/28 (2006.01)
- (11) **Patentnr:** 344516
- (21) **Søknadsnr:** 20092453
- (45) **Meddelt dato:** 2020.01.20
- Krav om adm. Overprøving innkommet:** 2020.10.22
- (54) **Benevnelse:**
Apparatur for undervannsekskavasjon og fremgangsmåte for undervannsekskavasjon
- (73) **Innehaver:**
James Fisher MFE Limited, Fisher House, P.O. Box 4,
LA141HR BARROW IN FURNESS, CUMBRIA,
Storbritannia
- (74) **Fullmektig:**
OSLO PATENTKONTOR AS, Hoffsseien 1A, 0275 OSLO,
Norge
- Overprøver:**
Jarala AS, Oscar Wistings vei 54, 7020 TRONDHEIM,
Norge
- Overprøvers fullmektig:**
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- Avgjørelse:**
Patent nr. 344516 B1 oppheves.
-

Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

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

(11) **Patent nr.:** NO/EP3227004
(21) **Søknadsnr:** EP3227004
(73) **Innehaver:** Helmholtz-Zentrum hereon GmbH, Max-Planck-Str. 1, 21502 GEESTHACHT, Tyskland
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
Melding innkommet patentstyret: 2023.04.04

(11) **Patent nr.:** NO/EP3393976
(21) **Søknadsnr:** EP3393976
(73) **Innehaver:** Resonac Corporation, 13-9, Shiba Daimon 1-chome Minato-ku, 105-8518 TOKYO, Japan
(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
Melding innkommet patentstyret: 2023.04.11

(11) **Patent nr.:** NO/EP3228637
(21) **Søknadsnr:** EP3228637
(73) **Innehaver:** Resonac Corporation, 13-9, Shiba Daimon 1-chome Minato-ku, 105-8518 TOKYO, Japan
(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
Melding innkommet patentstyret: 2023.04.11

(21) **Søknadsnr:** 20211136
(71) **Søker:** ERAMET, 10, boulevard de Grenelle, 75015 PARIS, Frankrike
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret: 2023.04.11

(11) **Patent nr.:** NO/EP3607361
(21) **Søknadsnr:** EP3607361
(73) **Innehaver:** Gap Explosive Ordnance Detection Pty. Ltd., Unit 1 22-24 Strathwyn Street, 4500 QUEENSLAND, Australia
Heinrich Hirdes GmbH, Am Festungsgraben 10, 21079 HAMBURG, Tyskland
(74) **Fullmektig:** Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
Melding innkommet patentstyret: 2023.03.27

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.

- (21) **Søknadsnr:** 20200556
 - (11) **Patentnr:** 346182
 - (51) **Klasse:** B65D 88/78 (2006.01)
 - (73) **Innehaver:**
FMC Kongsberg Subsea AS, Postboks 1012, 3601,
KONGSBERG, NO
 - (74) **Fullmektig:**
Santarelli, 49 avenue des Champs-Élysées, 75008, PARIS,
FR
 - (72) **Oppfinner:**
Brede Thorkildsen, Gamle Riksvei 120B, 3057,
SOLBERGELVA, NO
Renny Kunkel, Roskildevej 132 B, 3600,
FREDERIKSSUND, DK
Mattias Rudh, Øvre Båstad vei 28 B, 1387, ASKER, NO
Sylvain Routeau, 1 avenue Alfred Belmontet, 92210,
SAINT CLOUD, FR
 - (54) **Benevnelse:**
STORAGE TANK AND METHOD FOR OPERATING IT
-

Trukne, avslåtte og henlagte søknader som er allment tilgjengelige

(21) **Søknadsnr:** 20200273

(21) **Søknadsnr:** 20200326

(21) **Søknadsnr:** 20200484

Nye søknader om supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 80 (nye søknader).

(21)	Søknadsnr:	2023015
(22)	Inng.dag:	2023.04.11
(22)	Inng.dag basispatent:	2008.04.23
(11)	Basispatent nr:	NO/EP2193714
(24)	Løpedag:	2008.04.23
(73)	Innehaver:	Syngenta Participations AG
(74)	Fullmektig:	BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(95)	Produkt:	Benzovindiflupyr and Difenoconazole
(94)	Gyldig t.om:	01/01/0001
(92)	NO markedsførings- tillatelse nr:	2023.2
(92)	Dato for samme:	2022.10.12
(93)	Første markedsføringstillatelse innen EØS-området:	2180123
(93)	Dato for samme:	2018.06.12
(54)	Benevnelse:	Fungicide sammensetninger

Endring i fullmaktsforhold

(21) **Søknadsnr:** 20230186
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
Aldine Westfield Road, TX77073 HOUSTON, USA
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret:
2023.04.05

(21) **Søknadsnr:** 20230222
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
Aldine Westfield Road, TX77073 HOUSTON, USA
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret:
2023.04.05

(21) **Søknadsnr:** 20230255
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
Aldine Westfield Road, TX77073 HOUSTON, USA
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret:
2023.04.05

(11) **Patentnr:** 333221
(21) **Søknadsnr:** 20093409
(73) **Innehaver:**
Belcan AS, Postboks 1293, 5406 STORD, Norge
(74) **Fullmektig:**
Sipara Sweden AB, Nannavägen 22, 18773 TÄBY, Sverige
Melding innkommet patentstyret:
2023.04.04

(11) **Patentnr:** 336319
(21) **Søknadsnr:** 20130795
(73) **Innehaver:**
Belcan AS, Postboks 1293, 5406 STORD, Norge
(74) **Fullmektig:**
Sipara Sweden AB, Nannavägen 22, 18773 TÄBY, Sverige
Melding innkommet patentstyret:
2023.04.04

Oversettelse av krav i europeiske søknader (a1)

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

- (51) **Klasse :** *B42D 25/425 (2014.01)*
B42D 25/46 (2014.01)
- (87) **EP Publ.nr.:** EP4069522
- (86) **EP søkn.nr.r:** 20811302.7
- (86) **EP innl.dag:** 2020.11.20
- (87) **EP publ.dag:** 2022.10.12
- (30) **Prioritet:** 2019.12.03, DE, 102019132787
- (86) **Int.inndag :** 2020.11.20
- (86) **Int.søknadsnr :** PCT/EP2020/082896
- (71) **Søker:**
LEONHARD KURZ Stiftung & Co. KG, Schwabacher
Straße 48290763 Fürth, DE-Tyskland
- (72) **Oppfinner:**
LASCH, Roman, Hirschenstraße 35aFürth 90762, DE-
Tyskland
- (74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (54) **Benevnelse:**
DECORATIVE FOIL, METHOD FOR PRODUCING A
DECORATIVE FOIL AND METHOD FOR DECORATING A
TARGET SUBSTRATE
-