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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
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(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:** *A47C 1/022 (2006.01)*
A47C 1/024 (2006.01)
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A47C 1/032 (2006.01)

(21) **Søknadsnr:** 20211134
 (22) **Inndag:** 2021.09.22
 (41) **Allm.tilgj:** 2023.03.23
 (24) **Løpedag:** 2021.09.22

(71) **Søker:**
 H2 NORWAY AS, Breivika industriveg 63, 6018
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(74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge

(72) **Oppfinner:**
 Rune Jonsen, Ytterland 21, 6050 VALDERØYA
 Havtor Hofset Skeide, Hovsetsvingane 46, 6065
 ULSTEINVIK
 Lars Inge Solnørudal Jakobsen, Klokkarberget 2, 6240
 ØRSKOG

(54) **Benevnelse:**
 Furniture glide bushing

(51) **Klasse:** *B08B 7/02 (2006.01)*
G01N 21/85 (2006.01)
G01N 21/15 (2006.01)

(21) **Søknadsnr:** 20211146
 (22) **Inndag:** 2021.09.24
 (41) **Allm.tilgj:** 2023.03.27
 (24) **Løpedag:** 2021.09.24

(71) **Søker:**
 ProAnalysis AS, Bredalsmarken 17, 5006 BERGEN

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

(72) **Oppfinner:**
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 Hallvard Tangen, Mulesvingen 14, 5034 BERGEN
 Stian Magnussen, Storevarden 7, 5114 TERTNES
 Alexander Nikolaisen, Rosenbergsgaten 20, 5015
 BERGEN

(54) **Benevnelse:**
 CLEANING SYSTEM FOR PROBE UNIT

(51) **Klasse:** *B62J 1/16 (2006.01)*

(21) **Søknadsnr:** 20221004
 (22) **Inndag:** 2022.09.22
 (41) **Allm.tilgj:** 2023.03.24
 (30) **Prioritet:** 2021.09.23, BR, 102021018953-3
 (24) **Løpedag:** 2022.09.22

(71) **Søker:**
 Cesar Augusto De Mello RIPPEL, Av. Iguacu, n° 3525 -
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(74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge

(72) **Oppfinner:**
 Cesar Augusto De Mello RIPPEL, Av. Iguacu, n° 3525 -
 Ap. 704 - Torre 3Bairro Água Verde, Curitiba PR 80240-
 031, Brasil (BR)

(54) **Benevnelse:**
 ADDITIONAL SEAT STRUCTURE FOR ELECTRIC
 BICYCLES

(51) **Klasse:** *C08G 18/16 (2006.01)*
C08G 18/22 (2006.01)
C08G 18/24 (2006.01)
C08G 18/30 (2006.01)
C08G 18/38 (2006.01)
C08G 18/40 (2006.01)
C08G 18/42 (2006.01)
C08G 18/48 (2006.01)
C08G 18/66 (2006.01)
C08G 18/76 (2006.01)
C08G 77/46 (2006.01)
C08J 9/08 (2006.01)
C08J 9/12 (2006.01)
C08J 9/14 (2006.01)
C08K 5/00 (2006.01)
C08K 5/54 (2006.01)
C08G 101/00 (2006.01)

(21) **Søknadsnr:** 20221073
 (22) **Inndag:** 2022.10.07
 (41) **Allm.tilgj:** 2022.10.07

(30) **Prioritet:** 2019.03.11, US, 62/816,467
 (86) **Int.inndag:** 2020.03.11

(86) **Int.søknadsnr:** PCT/US2020/022007

(24) **Løpedag:** 2020.03.11

(71) **Søker:**
 DDP SPECIALTY ELECTRONIC MATERIALS US, INC.,
 400 Arcola Road, PA19426 COLLEGEVILLE, USA (US)

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

(72) **Oppfinner:**
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 MIDLAND, USA (US)

Kyoung Moo KOH, 6116 Londonberrie Ct, MI48640
 MIDLAND, USA (US)

Mark Alan RICKARD, 2781 N. Cedaridge Dr., MI48642
 MIDLAND, USA (US)

(54) **Benevnelse:**
 A TWO-COMPONENT POLYURETHANE OR
 POLYISOCYANURATE LOW PRESSURE SPRAY FOAM
 COMPOSITION CONTAINING A GASEOUS BLOWING
 AGENT COMPRISING PRESSURIZED CARBON
 DIOXIDE

- (51) **Klasse:** *C09K 8/035 (2006.01)*
C09K 8/524 (2006.01)
E21B 43/16 (2006.01)
- (21) **Søknadsnr:** 20230270
(22) **Inndag:** 2023.03.13
(41) **Allm.tilgj:** 2023.03.13
(30) **Prioritet:** 2020.10.16, US, 63/092,657
2021.10.11, US, 17/498,299
- (86) **Int.inndag:** 2021.10.14
(86) **Int.søknadsnr:** PCT/US2021/054931
(24) **Løpedag:** 2021.10.14
(71) **Søker:**
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**
Ping Chen, (DTV) Plot 18&21, King Abdullah Science Park, 31261 DHAHRAN, Saudi Arabia (SA)
Tawfik Hamoud Al-Ghamdi, (DTV) Plot 18&21, King Abdullah Science Park, 31261 DHAHRAN, Saudi Arabia (SA)
Zhiwei Yue, 5500 N. Sam Houston Pkwy W., Suite 800, TX77086 HOUSTON, USA (US)
Thomas Hagen, Al-Qutayat Street, DXB DUBAI, De forente arabiske emiratene (AE)
Mohamed Hassan Hamam, (DTV) Plot 18&21, King Abdullah Science Park, 31261 DHAHRAN, Saudi Arabia (SA)
Hicham El Hajj, (SAI) Jubile Highway, Aduhadria Est, 31952 DAMMAM, Saudi Arabia (SA)
- (54) **Benevnelse:**
ENHANCED SCALE INHIBITOR SQUEEZE TREATMENT USING A CHEMICAL ADDITIVE

- (51) **Klasse:** *C22B 47/00 (2006.01)*
C25C 1/10 (2006.01)
C22B 3/08 (2006.01)
- (21) **Søknadsnr:** 20211136
(22) **Inndag:** 2021.09.22
(41) **Allm.tilgj:** 2023.03.23
(24) **Løpedag:** 2021.09.22
(71) **Søker:**
ERAMET, 10, Boulevard de Grenelle CS 63205, 75015 PARIS, Frankrike (FR)
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**
Thomas Hitier, 70 rue du Mas Mathieu, 69250 MONTANAY, Frankrike (FR)
Benjamin Ravary, Falsens gate 4, 7052 TRONDHEIM
- (54) **Benevnelse:**
Metallic manganese production from ore without CO2 emission

- (51) **Klasse:** *E21B 17/02 (2006.01)*
H01B 7/00 (2006.01)
H01B 7/29 (2006.01)
E21B 40/00 (2006.01)
- (21) **Søknadsnr:** 20230208
(22) **Inndag:** 2023.03.01
(41) **Allm.tilgj:** 2023.03.01
(30) **Prioritet:** 2020.11.05, US, 17/090,184
(86) **Int.inndag:** 2020.11.05
(86) **Int.søknadsnr:** PCT/US2020/059105
(24) **Løpedag:** 2020.11.05
(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:**
Louis Francis Lafleur, 25306 Doyle Sands Ct, TX77389 SPRING, USA (US)
- (54) **Benevnelse:**
DOWNHOLE ELECTRICAL CONDUCTOR MOVEMENT ARRESTOR

Krav på norsk er innkommet 2022.12.06.

- (51) **Klasse:** *E21B 17/08 (2006.01)*
E21B 17/01 (2006.01)
- (21) **Søknadsnr:** 20230073
(22) **Inndag:** 2023.01.26
(41) **Allm.tilgj:** 2023.01.26
(30) **Prioritet:** 2020.07.27, US, 16/939,940
(86) **Int.inndag:** 2021.07.26
(86) **Int.søknadsnr:** PCT/US2021/043162
(24) **Løpedag:** 2021.07.26
(71) **Søker:**
Schlumberger Technology B.V., Parkstraat 83, 2514JG HAAG, Nederland (NL)
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**
Ryan Kim, 4601 Westway Park Blvd., TX77041 HOUSTON, USA (US)
Harold Tenorio, 4601 Westway Park Blvd., TX77041 HOUSTON, USA (US)
Michael Unterkircher, 4601 Westway Park Blvd., TX77041 HOUSTON, USA (US)
Jorge Pau, 4601 Westway Park Blvd., TX77041 HOUSTON, USA (US)
Ernesto Guevara, 9911 Loudon Dr., TX77375 TOMBALL, USA (US)
- (54) **Benevnelse:**
BREECH LOCK CONNECTION FOR DRILLING RISER AUXILIARY LINE

- (51) **Klasse:** *E21B 17/14 (2006.01)*
E21B 17/04 (2006.01)
E21B 23/00 (2006.01)
E21B 34/06 (2006.01)
E21B 34/14 (2006.01)
- (21) **Søknadsnr:** 20230092
- (22) **Inndag:** 2023.01.31
- (41) **Allm.tilgj:** 2023.01.31
- (30) **Prioritet:** 2020.07.20, US, 63/054,097
 2020.12.07, US, 63/122,079
 2021.07.19, US, 17/379,474
 2021.07.19, US, 17/379,497
- (86) **Int.inndag:** 2021.07.20
- (86) **Int.søknadsnr:** PCT/US2021/042434
- (24) **Løpedag:** 2021.07.20
- (71) **Søker:**
 BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**
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 HOUSTON, USA (US)
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 HOUSTON, USA (US)
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 HOUSTON, USA (US)
 Christopher HERN, 17021 Aldine Westfield, TX77073
 HOUSTON, USA (US)
 Kirby SCHRADER, 17021 Aldine Westfield, TX77073
 HOUSTON, USA (US)
 Robert ROLAND, 17021 Aldine Westfield, TX77073
 HOUSTON, USA (US)
- (54) **Benevnelse:**
 PASS-THROUGH TAPERED NOSE TOOL

Krav på norsk er innkommet 2023.01.31.

- (51) **Klasse:** *E21B 19/15 (2006.01)*
- (21) **Søknadsnr:** 20230209
- (22) **Inndag:** 2023.03.02
- (41) **Allm.tilgj:** 2023.03.02
- (30) **Prioritet:** 2020.09.01, US, 63/073,341
- (86) **Int.inndag:** 2021.08.20
- (86) **Int.søknadsnr:** PCT/EP2021/073131
- (24) **Løpedag:** 2021.08.20
- (71) **Søker:**
 Canrig Robotic Technologies AS, Næringsveien 3, 4323
 SANDNES
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**
 Kjetil Næsgaard, Hellearmen 7, 4052 RØYNEBERG
 Kenneth MIKALSEN, Alexander Kiellands-gate 16 A, 4319
 SANDNES
- (54) **Benevnelse:**
 TUBULAR HANDLING SYSTEM

- (51) **Klasse:** *E21B 19/15 (2006.01)*
- (21) **Søknadsnr:** 20230219
- (22) **Inndag:** 2023.03.03
- (41) **Allm.tilgj:** 2023.03.03
- (30) **Prioritet:** 2020.09.01, US, 63/073,341
- (86) **Int.inndag:** 2021.08.20
- (86) **Int.søknadsnr:** PCT/EP2021/073137
- (24) **Løpedag:** 2021.08.20
- (71) **Søker:**
 Canrig Robotic Technologies AS, Næringsveien 3, 4323
 SANDNES
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**
 Kjetil Næsgaard, Hellearmen 7, 4052 RØYNEBERG
 Kenneth MIKALSEN, Alexander Kiellands-gate 16 A, 4319
 SANDNES
- (54) **Benevnelse:**
 TUBULAR HANDLING SYSTEM

- (51) **Klasse:** *E21B 19/16 (2006.01)*
E21B 19/20 (2006.01)
E21B 19/24 (2006.01)
B23K 37/053 (2006.01)
- (21) **Søknadsnr:** 20230166
- (22) **Inndag:** 2023.02.20
- (41) **Allm.tilgj:** 2023.02.20
- (30) **Prioritet:** 2020.08.31, US, 63/072,707
- (86) **Int.inndag:** 2021.08.19
- (86) **Int.søknadsnr:** PCT/EP2021/073073
- (24) **Løpedag:** 2021.08.19
- (71) **Søker:**
 Canrig Robotic Technologies AS, Næringsveien 3, 4323
 SANDNES
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**
 Svein Søyland, Sletteigvegen 10, 4355 KVERNALAND
 Kenneth MIKALSEN, Alexander Kiellands-gate 16 A, 4319
 SANDNES
- (54) **Benevnelse:**
 STABBING GUIDE FOR A ROBOTIC ROUGHNECK

- (51) **Klasse:** *E21B 19/20 (2006.01)*
E21B 19/22 (2006.01)
- (21) **Søknadsnr:** 20211178
- (22) **Inndag:** 2021.10.01
- (41) **Allm.tilgj:** 2023.04.03
- (24) **Løpedag:** 2021.10.01
- (71) **Søker:**
 AKOFS Offshore Operations AS, Postboks 244, 0213
 OSLO
- (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**
 Steingrim Thommesen, Thorleifs Allè 3 A, 0489 OSLO
 Andreas Hallingstad, Johnsrudgata 42, 1350
 LOMMEDALEN
 Alf Kristensen, Konventveien 16 C, 0377 OSLO
- (54) **Benevnelse:**
 Wireline tool exchange assembly

Krav på norsk er innkommet 2022.11.28.

(51) **Klasse:** *E21B 21/08 (2006.01)*
E21B 33/124 (2006.01)
E21B 33/127 (2006.01)
E21B 33/16 (2006.01)
E21B 34/14 (2006.01)
E21B 34/06 (2006.01)
E21B 43/12 (2006.01)
E21B 37/00 (2006.01)

(21) **Søknadsnr:** 20230266
(22) **Inndag:** 2023.03.13
(41) **Allm.tilgj:** 2023.03.13
(30) **Prioritet:** 2020.12.16, US, 17/124,212
(86) **Int.inndag:** 2020.12.21
(86) **Int.søknadsnr:** PCT/US2020/066417
(24) **Løpedag:** 2020.12.21
(71) **Søker:**
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Philippe Quero, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)
Harley Jones, c/o Halliburton Energy Services, Inc., 2600 South 2nd Street, OK73536 DUNCAN, USA (US)

(54) **Benevnelse:**
SINGLE TRIP WELLBORE CLEANING AND SEALING SYSTEM AND METHOD

(51) **Klasse:** *E21B 27/00 (2006.01)*
E21B 37/08 (2006.01)
E21B 43/38 (2006.01)
B01D 35/02 (2006.01)

(21) **Søknadsnr:** 20230207
(22) **Inndag:** 2023.03.01
(41) **Allm.tilgj:** 2023.03.01
(30) **Prioritet:** 2020.11.10, US, 17/093,878
(86) **Int.inndag:** 2020.11.10
(86) **Int.søknadsnr:** PCT/US2020/059799
(24) **Løpedag:** 2020.11.10
(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:**
PETER REID MAHER, 700 W PONT DES MOUTON ROAD, LA70507 LAFAYETTE, USA (US)
NICHOLAS ALBERT KUO, 2601 E. BELT LINE ROAD, TX75006 CARROLLTON, USA (US)
AUSTIN LEE WRIGHT, 2601 E. BELT LINE ROAD, TX75006 CARROLLTON, USA (US)

(54) **Benevnelse:**
DEBRIS REMOVAL APPARATUS WITH SELF CLEANING FILTER ASSEMBLY

(51) **Klasse:** *E21B 29/00 (2006.01)*
E21B 29/08 (2006.01)
E21B 23/01 (2006.01)
E21B 31/16 (2006.01)
E21B 31/20 (2006.01)
E21B 33/129 (2006.01)

(21) **Søknadsnr:** 20230168
(22) **Inndag:** 2023.02.20
(41) **Allm.tilgj:** 2023.02.20
(30) **Prioritet:** 2020.07.31, US, 16/944,741
(86) **Int.inndag:** 2021.07.29
(86) **Int.søknadsnr:** PCT/US2021/043706
(24) **Løpedag:** 2021.07.29
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**
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Inge Knut DAHLBERG, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Waqas MUNIR, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Mohsen ALI, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Dan WELLS, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Andrew PONDER, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Per DAYKIN, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Eivind HAGEN, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**
DOWNHOLE PULLING TOOL WITH SELECTIVE ANCHOR ACTUATION

Krav på norsk er innkommet 2023.02.20.

(51) **Klasse:** *E21B 33/043 (2006.01)*
E21B 33/06 (2006.01)
E21B 23/03 (2006.01)
E21B 19/22 (2006.01)
E21B 29/00 (2006.01)

(21) **Søknadsnr:** 20230145
(22) **Inndag:** 2023.02.13
(41) **Allm.tilgj:** 2023.02.13
(30) **Prioritet:** 2020.07.31, GB, 2011951.7
2021.07.30, US, 17/390,017
(86) **Int.inndag:** 2021.08.02
(86) **Int.søknadsnr:** PCT/EP2021/025291
(24) **Løpedag:** 2021.08.02
(71) **Søker:**
Baker Hughes Energy Technology UK Limited, 2 High Street Nailsea, BS481BS BRISTOL, Storbritannia (GB)

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

(72) **Oppfinner:**
Stanley HOSIE, c/o Baker Hughes Energy Technology UK Limited, Stoneywood Park North, AB217EA DYCE, ABERDEEN, Storbritannia (GB)
Brian CRAIG, c/o Baker Hughes Energy Technology UK Limited, Stoneywood Park North, AB217EA DYCE, ABERDEEN, Storbritannia (GB)

(54) **Benevnelse:**
SYSTEM AND METHOD FOR FULL BORE TUBING HEAD SPOOL

Krav på norsk er innkommet 2023.02.13.

(51) **Klasse:** *E21B 33/08 (2006.01)*
E21B 33/06 (2006.01)
F15B 15/14 (2006.01)
E21B 4/00 (2006.01)

(21) **Søknadsnr:** 20221208
(22) **Inndag:** 2022.11.11
(41) **Allm.tilgj:** 2022.11.11
(30) **Prioritet:** 2020.05.11, US, 16/871,891
(86) **Int.inndag:** 2021.05.10
(86) **Int.søknadsnr:** PCT/US2021/031481
(24) **Løpedag:** 2021.05.10
(71) **Søker:**
Schlumberger Technology B.V., Parkstraat 83-89, 2514JG HAAG, Nederland (NL)

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

(72) **Oppfinner:**
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Harold Tenorio, Schlumberger, 4601 Westway Park Blvd., TX77041 HOUSTON, USA (US)
Jon Tyler, 4010 Hawick Dr., TX77084 HOUSTON, USA (US)

(54) **Benevnelse:**
ROTATING CONTROL DEVICE SYSTEM

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

(21) **Søknadsnr:** 20211192
(22) **Inndag:** 2021.10.05
(41) **Allm.tilgj:** 2023.03.22
(30) **Prioritet:** 2021.09.21, US, 17/480,751
(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:**
Plug Assembly, Plug System and Method of Assembling a Plug System

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

(21) **Søknadsnr:** 20230118
(22) **Inndag:** 2023.02.06
(41) **Allm.tilgj:** 2023.02.06
(30) **Prioritet:** 2020.10.27, US, 17/081,002
(86) **Int.inndag:** 2020.10.30
(86) **Int.søknadsnr:** PCT/US2020/058355
(24) **Løpedag:** 2020.10.30
(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:**
Timothy Edward Harms, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**
WELL SEALING TOOL WITH CONTROLLED-VOLUME GLAND OPENING

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

(21) **Søknadsnr:** 20230237
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.12.04, US, 17/111,719
(86) **Int.inndag:** 2020.12.04
(86) **Int.søknadsnr:** PCT/US2020/063210
(24) **Løpedag:** 2020.12.04
(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:**
Shobeir Pirayeh Gar, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Xiaoguang Zhong, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**
RADIALLY EXPANDABLE ANTI-EXTRUSION BACKUP RING

(51) **Klasse:** *E21B 33/12 (2006.01)*
E21B 33/128 (2006.01)
E21B 23/06 (2006.01)

(21) **Søknadsnr:** 20230267
(22) **Inndag:** 2023.03.13
(41) **Allm.tilgj:** 2023.03.13
(30) **Prioritet:** 2020.10.23, US, 17/079,192
(86) **Int.inndag:** 2020.10.29
(86) **Int.søknadsnr:** PCT/US2020/058023
(24) **Løpedag:** 2020.10.29
(71) **Søker:**
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Brett Wayne Guillory, 6904 Norman Rockwell Lane, TX75071 MCKINNEY, USA (US)
Muhammad Arra'uf Bin Abdul Shukor, 10-301 Pearl Compound, 31952 PRINCE SULTAN BIN FAHAD, Saudi Arabia (SA)

(54) **Benevnelse:**
SPIRAL BACKUP RING CONTAINMENT FOR PACKER ASSEMBLIES

- (51) **Klasse:** *E21B 33/124 (2006.01)*
E21B 33/12 (2006.01)
E21B 33/16 (2006.01)
E21B 23/06 (2006.01)
E21B 17/10 (2006.01)
- (21) **Søknadsnr:** 20230154
(22) **Inndag:** 2023.02.15
(41) **Allm.tilgj:** 2023.02.15
(30) **Prioritet:** 2020.12.08, US, 17/114,697
(86) **Int.inndag:** 2020.12.08
(86) **Int.søknadsnr:** PCT/US2020/063723
(24) **Løpedag:** 2020.12.08
(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:**
Michael Linley Fripp, 3826 Cemetery Hill Road, TX75007 CARROLLTON, USA (US)
Craig Kenneth Kaser, 3 Verdin Place, TX77389 THE WOODLANDS, USA (US)
- (54) **Benevnelse:**
EXPANDING METAL FOR PLUG AND ABANDONMENT

- (51) **Klasse:** *E21B 33/128 (2006.01)*
E21B 33/129 (2006.01)
E21B 33/1295 (2006.01)
E21B 23/04 (2006.01)
E21B 43/26 (2006.01)
- (21) **Søknadsnr:** 20221308
(22) **Inndag:** 2022.12.06
(41) **Allm.tilgj:** 2022.12.06
(30) **Prioritet:** 2020.05.19, US, 16/878,286
(86) **Int.inndag:** 2021.05.13
(86) **Int.søknadsnr:** PCT/US2021/032201
(24) **Løpedag:** 2021.05.13
(71) **Søker:**
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**
Yingqing Xu, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Juan Carlos Flores Perez, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Gregory HERN, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**
FRAC PLUG SYSTEM WITH INTEGRATED SETTING TOOL

Krav på norsk er innkommet 2022.12.06.

- (51) **Klasse:** *E21B 34/06 (2006.01)*
F16K 31/02 (2006.01)
- (21) **Søknadsnr:** 20230067
(22) **Inndag:** 2023.01.24
(41) **Allm.tilgj:** 2023.01.24
(30) **Prioritet:** 2020.06.30, BR, BR 10 2020 013476-0
(86) **Int.inndag:** 2021.06.29
(86) **Int.søknadsnr:** PCT/BR2021/050286
(24) **Løpedag:** 2021.06.29
(71) **Søker:**
Ouro Negro Tecnologias em Equipamentos Industrias S/A, Rua Gal. Argolo, 61, São Cristovão, 20921-392 RIO DE JANEIRO, Brasil (BR)
- (74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (72) **Oppfinner:**
Felipe Gherren NOEL, Rua Filipe Blatt, 1644, Bairro Centenário, 25665-370 PETRÓPOLIS, Brasil (BR)
Leonardo Gonçalves Candido Gomes, Rua Santa Luiza, 187, Apto. 102 - Maracanã, 20550-155 RIO DE JANEIRO, Brasil (BR)
Giancarlo Vilela De Faria, Rua Moraes e Silva, 51, apto. 102, Bloco 2, Maracanã, 20271-030 RIO DE JANEIRO, Brasil (BR)
Ricardo Naoyuki Alves De Moraes Sawaguchi, Estrada do Tindiba, 1477, Casa 2, Pechincha, 22740-361 RIO DE JANEIRO, Brasil (BR)
- (54) **Benevnelse:**
ELECTROMAGNETIC-MECHANICAL LOCKING APPLIED TO SUBSURFACE SAFETY VALVE

- (51) **Klasse:** *E21B 34/06 (2006.01)*
E21B 34/14 (2006.01)
- (21) **Søknadsnr:** 20230098
(22) **Inndag:** 2023.02.01
(41) **Allm.tilgj:** 2023.02.01
(30) **Prioritet:** 2020.10.23, US, 16/994,256
(86) **Int.inndag:** 2021.06.10
(86) **Int.søknadsnr:** PCT/US2021/036771
(24) **Løpedag:** 2021.06.10
(71) **Søker:**
Halliburton Energy Services, Inc, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**
AA Thornton IP LLP, Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia
- (72) **Oppfinner:**
Rajesh Parameshwaraiah, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
Min Mark Yuan, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
Saul Emmanuel Vazquez Niebla, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
Lonnie Carl Helms, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (54) **Benevnelse:**
DIFFERENTIAL FILL VALVE WITH COLLET SLEEVE

(51) **Klasse:** *E21B 34/08 (2006.01)*
E21B 34/14 (2006.01)
E21B 43/12 (2006.01)
E21B 41/00 (2006.01)

(21) **Søknadsnr:** 20230152
(22) **Inndag:** 2023.02.14
(41) **Allm.tilgj:** 2023.02.14
(30) **Prioritet:** 2020.12.22, US, 17/130,578
(86) **Int.inndag:** 2020.12.22
(86) **Int.søknadsnr:** PCT/US2020/066598
(24) **Løpedag:** 2020.12.22
(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:**
Ibrahim El Mallawany, c/o Halliburton, IBN Rushd St., King Fahd University of petroleum and minerals, 34464 DHAHRAN, Saudi Arabia (SA)
Stephen Michael Greci, 2601 E. Beltline Road, TX75006 CARROLLTON, USA (US)

(54) **Benevnelse:**
DENSITY CONSTANT FLOW DEVICE WITH FLEXIBLE TUBE

(51) **Klasse:** *E21B 34/08 (2006.01)*
E21B 33/12 (2006.01)
E21B 33/127 (2006.01)
E21B 33/16 (2006.01)
E21B 43/26 (2006.01)
E21B 21/10 (2006.01)

(21) **Søknadsnr:** 20230268
(22) **Inndag:** 2023.03.13
(41) **Allm.tilgj:** 2023.03.13
(30) **Prioritet:** 2020.12.17, US, 17/124,666
(86) **Int.inndag:** 2020.12.28
(86) **Int.søknadsnr:** PCT/US2020/067125
(24) **Løpedag:** 2020.12.28
(71) **Søker:**
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Daniel Craig Newton, 28 Hua Guan Ave, 58912 SINGAPORE, Singapore (SG)

(54) **Benevnelse:**
FLUID ACTIVATED METAL ALLOY SHUT OFF DEVICE

(51) **Klasse:** *E21B 34/10 (2006.01)*
E21B 33/12 (2006.01)
E21B 33/127 (2006.01)
E21B 33/124 (2006.01)

(21) **Søknadsnr:** 20230134
(22) **Inndag:** 2023.02.09
(41) **Allm.tilgj:** 2023.02.09
(30) **Prioritet:** 2020.12.30, US, 17/137,683
(86) **Int.inndag:** 2020.12.30
(86) **Int.søknadsnr:** PCT/US2020/067429
(24) **Løpedag:** 2020.12.30
(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:**
Michael Linley Fripp, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
David Joe Steele, c/o Halliburton Energy Services Inc , 3000 N. Sam Houston Parkway E, TX77032 HOUSTON, USA (US)
Pranay Asthana, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Christian Alexander Jelly, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**
INTERVAL CONTROL VALVE INCLUDING AN EXPANDING METAL SEALED AND ANCHORED JOINTS

(51) **Klasse:** *E21B 34/10 (2006.01)*
E21B 34/12 (2006.01)
F16K 1/20 (2006.01)
F16K 39/02 (2006.01)

(21) **Søknadsnr:** 20230175
(22) **Inndag:** 2023.02.22
(41) **Allm.tilgj:** 2023.02.22
(30) **Prioritet:** 2020.08.03, US, 16/983,029
(86) **Int.inndag:** 2021.07.29
(86) **Int.søknadsnr:** PCT/US2021/071046
(24) **Løpedag:** 2021.07.29
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Jeffrey Johnson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**
EQUALIZING CARTRIDGE FOR A FLAPPER VALVE

Krav på norsk er innkommet 2023.02.23.

- (51) **Klasse:** *E21B 41/00 (2006.01)*
G06F 11/34 (2006.01)
G06F 16/28 (2019.01)
G06F 18/214 (2023.01)
G06F 30/27 (2020.01)
G06N 20/00 (2019.01)
G01V 99/00 (2009.01)
G06F 111/10 (2020.01)
G06F 113/08 (2020.01)
G06F 30/28 (2020.01)
G06F 9/455 (2006.01)
G06Q 10/04 (2012.01)
- (21) **Søknadsnr:** 20230235
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.12.29, US, 17/137,203
(86) **Int.inndag:** 2020.12.30
(86) **Int.søknadsnr:** PCT/US2020/067550
(24) **Løpedag:** 2020.12.30
(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:**
Qinghua Wang, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Naga Balaji Govindaraju, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Hui Dong, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Hanife Meftun Erdogan, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Dong Li, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
- (54) **Benevnelse:**
SMART DATA WAREHOUSE FOR CLOUD-BASED RESERVOIR SIMULATION

- (51) **Klasse:** *E21B 41/00 (2006.01)*
G06N 20/00 (2019.01)
G06T 17/05 (2011.01)
- (21) **Søknadsnr:** 20230238
(22) **Inndag:** 2023.03.03
(41) **Allm.tilgj:** 2023.03.03
(30) **Prioritet:** 2020.10.16, US, 17/073,008
(86) **Int.inndag:** 2020.10.19
(86) **Int.søknadsnr:** PCT/US2020/056287
(24) **Løpedag:** 2020.10.19
(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:**
Hsu-Hsiang Wu, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Michael S Bittar, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
Weixin Dong, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)
- (54) **Benevnelse:**
MACHINE-LEARNING INTEGRATION FOR 3D RESERVOIR VISUALIZATION BASED ON INFORMATION FROM MULTIPLE WELLS

- (51) **Klasse:** *E21B 41/00 (2006.01)*
E21B 7/06 (2006.01)
- (21) **Søknadsnr:** 20230242
(22) **Inndag:** 2023.03.07
(41) **Allm.tilgj:** 2023.03.07
(30) **Prioritet:** 2020.12.01, US, 63/120,058
2021.06.14, US, 17/346,909
- (86) **Int.inndag:** 2021.06.23
(86) **Int.søknadsnr:** PCT/US2021/038701
(24) **Løpedag:** 2021.06.23
(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:**
Shu Yi Dione Seet, c/o Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E, TX77032 HOUSTON, USA (US)
- (54) **Benevnelse:**
COLLAPSIBLE BULLNOSE ASSEMBLY FOR MULTILATERAL WELL

- (51) **Klasse:** *E21B 43/12 (2006.01)*
F16K 15/06 (2006.01)
E21B 34/06 (2006.01)
- (21) **Søknadsnr:** 20230164
(22) **Inndag:** 2023.02.17
(41) **Allm.tilgj:** 2023.02.17
(30) **Prioritet:** 2020.08.18, US, 62/706,449
(86) **Int.inndag:** 2021.08.18
(86) **Int.søknadsnr:** PCT/US2021/046409
(24) **Løpedag:** 2021.08.18
(71) **Søker:**
Schlumberger Technology B.V., Parkstraat 83, 2514JG HAAG, Nederland (NL)
- (74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (72) **Oppfinner:**
Shao Chong Oh, 7 Benoi Crescent, 629971 SINGAPORE, Singapore (SG)
Pierre Gely, 7 Benoi Crescent, 629971 SINGAPORE, Singapore (SG)
- (54) **Benevnelse:**
SCALE RESISTANT BACKCHECK VALVE

- (51) **Klasse:** *E21B 43/12 (2006.01)*
E21B 34/08 (2006.01)
E21B 43/08 (2006.01)
- (21) **Søknadsnr:** 20230205
(22) **Inndag:** 2023.02.28
(41) **Allm.tilgj:** 2023.02.28
(30) **Prioritet:** 2020.12.22, US, 17/130,958
(86) **Int.inndag:** 2020.12.22
(86) **Int.søknadsnr:** PCT/US2020/066669
(24) **Løpedag:** 2020.12.22
(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:**
Ibrahim El Mallawany, c/o Halliburton, IBN Rushd St., King Fahd University of petroleum and minerals, 34464 DHAHRAN, Saudi Arabia (SA)
Stephen Michael Greci, 2601 E. Beltline Road, TX75006 CARROLLTON, USA (US)
- (54) **Benevnelse:**
DENSITY CONSTANT FLOW DEVICE USING A CHANGING OVERLAP DISTANCE

(51) **Klasse:** *E21B 43/34 (2006.01)*
E21B 43/20 (2006.01)
E21B 43/40 (2006.01)
E21B 43/12 (2006.01)
E21B 43/24 (2006.01)
E21B 43/14 (2006.01)

(21) **Søknadsnr:** 20230089
(22) **Inndag:** 2023.01.31
(41) **Allm.tilgj:** 2023.01.31
(30) **Prioritet:** 2020.08.03, US, 63/060,500
2020.09.01, US, 63/073,263

(86) **Int.inndag:** 2021.08.03
(86) **Int.søknadsnr:** PCT/US2021/044269
(24) **Løpedag:** 2021.08.03
(71) **Søker:**
Schlumberger Technology B.V., Parkstraat 83, 2514JG
HAAG, Nederland (NL)

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

(72) **Oppfinner:**
Dean Willberg, 110 Schlumberger Dr., MD-3, TX77478
SUGAR LAND, USA (US)

(54) **Benevnelse:**
SYSTEMS AND METHODS FOR PROCESSING
PRODUCED OILFIELD BRINE

(51) **Klasse:** *E21B 47/024 (2006.01)*
E21B 47/02 (2006.01)

(21) **Søknadsnr:** 20221032
(22) **Inndag:** 2022.09.28
(41) **Allm.tilgj:** 2023.03.31
(30) **Prioritet:** 2021.09.30, US, 63/261,932
(24) **Løpedag:** 2022.09.28
(71) **Søker:**
Nabors Drilling Technologies USA, Inc., 515 West Greens
Rd., Suite 1200, TX77067 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Dmitry AVDEEV, 510 Wellington Square, #207, PA19341
EXTON, USA (US)

(54) **Benevnelse:**
GRAVITY TOOLFACE FOR WELLBORES

Krav på norsk er innkommet 2022.09.28.

(51) **Klasse:** *E21B 33/038 (2006.01)*
E21B 33/035 (2006.01)

(21) **Søknadsnr:** 20230288
(22) **Inndag:** 2023.03.16
(41) **Allm.tilgj:** 2023.03.31
(30) **Prioritet:** 2023.03.07, GB, 2303325.1
(24) **Løpedag:** 2023.03.16
(71) **Søker:**
EQUINOR ENERGY AS, Forusbeen 50, 4035
STAVANGER

(74) **Fullmektig:**
DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,
Norge

(72) **Oppfinner:**
Lorents Reinås, Solbjørgveien 5, 4011 STAVANGER
Stian SÆTRE, Erlands gate 17, 4010 STAVANGER

(54) **Benevnelse:**
CONNECTORS

(51) **Klasse:** *G01N 21/31 (2006.01)*
G01N 21/33 (2006.01)
G01N 21/3577 (2014.01)
G01N 21/359 (2014.01)
G01N 21/85 (2006.01)
G01V 8/20 (2006.01)
G02B 23/24 (2006.01)
G02B 27/00 (2006.01)

(21) **Søknadsnr:** 20221144
(22) **Inndag:** 2022.10.25
(41) **Allm.tilgj:** 2022.10.25
(30) **Prioritet:** 2020.04.27, US, 16/859,547
(86) **Int.inndag:** 2021.04.22
(86) **Int.søknadsnr:** PCT/US2021/028670
(24) **Løpedag:** 2021.04.22
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021
Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Rocco Difoggio, 17021 Aldine Westfield Road, TX77073
HOUSTON, USA (US)

(54) **Benevnelse:**
Optical system and method for cleaning optical windows

Krav på norsk er innkommet 2022.10.25.

(51) **Klasse:** *G01N 21/31 (2006.01)*
G01N 33/28 (2006.01)
G01N 21/77 (2006.01)
G01N 21/78 (2006.01)
E21B 21/06 (2006.01)
C09B 62/763 (2006.01)
C09B 67/44 (2006.01)
C09K 8/035 (2006.01)

(21) **Søknadsnr:** 20221170
(22) **Inndag:** 2022.10.31
(41) **Allm.tilgj:** 2022.10.31
(30) **Prioritet:** 2020.06.12, US, 16/900,442
(86) **Int.inndag:** 2020.06.18
(86) **Int.søknadsnr:** PCT/US2020/038439
(24) **Løpedag:** 2020.06.18
(71) **Søker:**
Halliburton Energy Services, Inc, 3000 N. Sam Houston
Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Preston Andrew May, c/o Halliburton Energy Services,
Inc., 3000 N Sam Houston Parkway E, TX77032-3219
HOUSTON, USA (US)
Jay Paul Deville, c/o Halliburton Energy Services, Inc.,
3000 N Sam Houston Parkway E, TX77032-3219
HOUSTON, USA (US)
Emily Cummings Hart, c/o Halliburton Energy Services,
Inc., 3000 N. Sam Houston Parkway E., TX77032-3219
HOUSTON, USA (US)

(54) **Benevnelse:**
Polymer-enhanced colorimetric detection of amine-based
additives

(51) **Klasse:** *G01N 29/12 (2006.01)*
G01N 29/14 (2006.01)
G01N 29/42 (2006.01)
G01N 29/44 (2006.01)
G01H 15/00 (2006.01)
E21B 49/08 (2006.01)
E21B 49/00 (2006.01)

(21) **Søknadsnr:** 20221139
(22) **Inndag:** 2022.10.24
(41) **Allm.tilgj:** 2022.10.24
(30) **Prioritet:** 2020.04.21, US, 63/013,068
(86) **Int.inndag:** 2021.04.21
(86) **Int.søknadsnr:** PCT/US2021/028378
(24) **Løpedag:** 2021.04.21
(71) **Søker:**
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**
Roger Steinsiek, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Sandip MAITY, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
Elan YOGESWAREN, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**
Contact or proximity pad mounted sensor system for imaging cavity defects and delamination defects between layers in multilayered cylindrical structures in subsurface wells

Krav på norsk er innkommet 2022.10.24.

(51) **Klasse:** *G02B 6/255 (2006.01)*

(21) **Søknadsnr:** 20220415
(22) **Inndag:** 2022.04.05
(41) **Allm.tilgj:** 2023.04.04
(24) **Løpedag:** 2022.04.05
(71) **Søker:**
Svein Nøstbakken, Harald Sæveruds Vei 86, 5237 RÅDAL

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

(72) **Oppfinner:**
Svein Nøstbakken, Harald Sæveruds Vei 86, 5237 RÅDAL

(54) **Benevnelse:**
Habitatkoffert

(51) **Klasse:** *G06T 7/11 (2017.01)*
G06T 7/00 (2006.01)

(21) **Søknadsnr:** 20211116
(22) **Inndag:** 2021.09.16
(41) **Allm.tilgj:** 2023.03.17
(24) **Løpedag:** 2021.09.16
(71) **Søker:**
DIGIFARM AS, c/o Klosser Innovasjon, Holsetgata 22, 2317 HAMAR

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

(72) **Oppfinner:**
Nils Solum Helset, ILSENGVEGEN 51, 2322 RIDABU
Alexei Melnitchouck, 72 Everglade Circle SW Calgary, ABT2Y4N4 CANADA, Canada (CA)
Yosef Akhtman, Ch de la Scierie 10, 1162 St-Prex SWITZERLAND, Sveits (CH)
Konstantin Varik, Calle Leo 4 Javea, 03730 ALICANTE, Spania (ES)

(54) **Benevnelse:**
Method and system for delineating agricultural fields in satellite images

(51) **Klasse:** *H04R 1/10 (2006.01)*
B81B 3/00 (2006.01)
H04R 5/033 (2006.01)
A61B 5/055 (2006.01)

(21) **Søknadsnr:** 20211478
(22) **Inndag:** 2021.12.08
(41) **Allm.tilgj:** 2023.04.11
(24) **Løpedag:** 2021.12.08
(71) **Søker:**
NORDICNEUROLAB AS, Møllendalsveien 1, 5009 BERGEN

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

(72) **Oppfinner:**
Olav Birkeland, Kvernslåttsvegen 53, 5237 RÅDAL
Nikolai Kalvenes, Strangehagesmauet 5, 5011 BERGEN

(54) **Benevnelse:**
Audio System for MRI

Krav på norsk er innkommet 2022.08.16.

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:** **B65G 1/04 (2006.01)**
B65G 1/06 (2006.01)
(11) **Patentnr:** **347020**
(21) **Søknadsnr:** 20210715
(22) **Inng.dag:** 2021.06.04
(30) **Prioritet:** 2021.03.01, NO, 20210275
2021.03.09, NO, 20210308
2021.05.27, NO, 20210675

(24) **Løpedag:** 2021.06.04
(41) **Allm.tilg.dag:** 2022.09.02
(45) **Meddelt:** 2023.04.11
(73) **Innehaver:**
Autostore Technology AS, Stokkastrandvegen 85, 5578
NEDRE VATS

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

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

(54) **Benevnelse:**
STORAGE SYSTEM

(51) **Klasse:** **E21B 33/08 (2006.01)**
E21B 33/068 (2006.01)

(11) **Patentnr:** **347017**
(21) **Søknadsnr:** 20211367
(22) **Inng.dag:** 2021.11.16
(30) **Prioritet:** 2020.11.21, NO, 20201277
(24) **Løpedag:** 2021.11.16
(41) **Allm.tilg.dag:** 2022.05.23
(45) **Meddelt:** 2023.04.11

(73) **Innehaver:**
ELECTRICAL SUBSEA & DRILLING AS, Postboks 419,
5343 STRAUME

(74) **Fullmektig:**
Rikard Mikalsen, Steendamswisch 24 C, 22459
HAMBURG, Tyskland

(72) **Oppfinner:**
Egil Eriksen, Strandalivegen 136, 3570 ÅL

(54) **Benevnelse:**
Pakningsarrangement for tettende gjennomføring av en
borestreng

(51) **Klasse:** **E21B 34/02 (2006.01)**
E21B 33/035 (2006.01)

(11) **Patentnr:** **347019**
(21) **Søknadsnr:** 20210834
(22) **Inng.dag:** 2021.06.29
(24) **Løpedag:** 2021.06.29
(41) **Allm.tilg.dag:** 2022.12.30
(45) **Meddelt:** 2023.04.11

(73) **Innehaver:**
FMC Kongsberg Subsea AS, Postboks 1012, 3601
KONGSBERG

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

(72) **Oppfinner:**
Øivind Rokne, Hvalådalen 14, 3681 NOTODDEN
Heyn H Magnus, Christine Strays vei 6, 3610
KONGSBERG

(54) **Benevnelse:**
Valve operating devices, an associated subsea valve tree
and a method of overriding a malfunctioning valve
operating device

(51) **Klasse:** **E21B 37/00 (2006.01)**
E21B 27/00 (2006.01)
E21B 31/06 (2006.01)
E21B 31/08 (2006.01)

(11) **Patentnr:** **347018**
(21) **Søknadsnr:** 20190545
(22) **Inng.dag:** 2019.04.25
(30) **Prioritet:** 2007.07.06, US, US 60/958,507
(86) **Int.inng.dag:** 2008.07.06
(86) **Int.Søknadsnr:** PCT/US2008/069276
(62) **Avdelt fra:** 20100186, med inndato 2010.02.05
(62) **Utskilt fra:** 20100186, med inndato 2010.02.05
(24) **Løpedag:** 2008.07.06
(41) **Allm.tilg.dag:** 2010.02.05
(45) **Meddelt:** 2023.04.11

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

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

(72) **Oppfinner:**
Benton Knobloch, 201 Sharpsburg Drive, LA70508
LAFAYETTE, USA (US)
Todd Roy, 105 Countryview Drive, LA70592
YOUNGSVILLE, USA (US)

(54) **Benevnelse:**
Flerbruks brønnserviceanordning

- (51) **Klasse:** *H04R 1/10 (2006.01)*
B81B 3/00 (2006.01)
H04R 5/033 (2006.01)
A61B 5/055 (2006.01)
- (11) **Patentnr:** **347016**
- (21) **Søknadsnr:** 20211478
- (22) **Inng.dag:** 2021.12.08
- (24) **Løpedag:** 2021.12.08
- (41) **Allm.tilg.dag:** 2023.04.11
- (45) **Meddelt:** 2023.04.11
- (73) **Innehaver:**
NORDICNEUROLAB AS, Møllendalsveien 1, 5009
BERGEN
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**
Olav Birkeland, Kvernslåttsvegen 53, 5237 RÅDAL
Nikolai Kalvenes, Strangehagesmauet 5, 5011 BERGEN
- (54) **Benevnelse:**
Audio System for MRI
-

Europeiske patenter (b1) med virkning i Norge

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

(51) **Klasse :** **A01N 25/30 (2006.01)**
A01P 7/00 (2006.01)

(87) **EP Publ.nr:** EP3206486
(86) **EP søkn.nr:** 15849897.2
(86) **EP innl.dag:** 2015.10.14
(87) **EP publ.dag:** 2017.08.23
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2014.10.14, US, 201462063504 P
(86) **Int.inndag :** 2015.10.14
(86) **Int.søknadsnr :** PCT/US2015/055578
(73) **Innehaver:**
ICB Pharma, ul. Mozdierzowcow 6a43-602 Jaworzno, PL-Polen

(72) **Oppfinner:**
SWIETOSLAWSKI, Janusz, ul. Stroma 17PL-43-600 Jaworzno, PL-Polen
WIECZOREK, Wojciech, ul. Agrestowa 6aPL-43-502 Czechowice-Dziedzice, PL-Polen
LISZKA, Dawid, ul. Brodzinskiego 23/10PL-43-600 Jaworzno, PL-Polen

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

(54) **Benevnelse:**
PESTICIDE FORMULATIONS HAVING PHYSICAL MODE OF ACTION

(51) **Klasse :** **A01N 43/40 (2006.01)**
A01N 43/54 (2006.01)
C07D 401/04 (2006.01)

(87) **EP Publ.nr:** EP3621439
(86) **EP søkn.nr:** 18798826.6
(86) **EP innl.dag:** 2018.05.04
(87) **EP publ.dag:** 2020.03.18
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2017.05.10, US, 201762504148 P
(86) **Int.inndag :** 2018.05.04
(86) **Int.søknadsnr :** PCT/US2018/031004
(73) **Innehaver:**
Corteva Agriscience LLC, 9330 Zionsville RoadIndianapolis, IN 46268, US-USA

(72) **Oppfinner:**
KISTER, Jeremy, 9330 Zionsville RoadIndianapolis, IN 46268, US-USA
SATCHIVI, Norbert, M., 9330 Zionsville RoadIndianapolis, IN 46268, US-USA
EPP, Jeffrey, B., 9330 Zionsville RoadIndianapolis, IN 46268, US-USA
ROTH, Joshua, 9330 Zionsville RoadIndianapolis, IN 46268, US-USA

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

(54) **Benevnelse:**
4-AMINO-6-(HETEROCYCLIC)PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC)PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES

(51) **Klasse :** **A47J 31/44 (2006.01)**
B65D 85/804 (2006.01)

(87) **EP Publ.nr:** EP3657996
(86) **EP søkn.nr:** 18749501.5
(86) **EP innl.dag:** 2018.06.22
(87) **EP publ.dag:** 2020.06.03
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2017.07.24, IT, 201700084356
(86) **Int.inndag :** 2018.06.22
(86) **Int.søknadsnr :** PCT/IB2018/054628
(73) **Innehaver:**
Caffitaly System S.P.A., Via Panigali 3840041 Gaggio Montano (BO), IT-Italia

(72) **Oppfinner:**
ACCURSI, Giovanni, Via Zagnoli 4640046 Alto Reno Terme (Bologna), IT-Italia
DIAMANTI, Maurizio, Via Speranza 1640030 Castel Di Casio Bologna, IT-Italia

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

(54) **Benevnelse:**
CAPSULE, METHOD FOR RECOGNISING THE CAPSULE AND METHOD FOR MAKING A BEVERAGE WITH THE CAPSULE

(51) **Klasse :** **A47K 1/04 (2006.01)**
E03C 1/14 (2006.01)
E03C 1/18 (2006.01)
E03C 1/182 (2006.01)

(87) **EP Publ.nr:** EP3773099
(86) **EP søkn.nr:** 19713481.0
(86) **EP innl.dag:** 2019.03.28
(87) **EP publ.dag:** 2021.02.17
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2018.03.29, EP, 18164990
2018.07.09, EP, 18182527

(86) **Int.inndag :** 2019.03.28
(86) **Int.søknadsnr :** PCT/EP2019/057887
(73) **Innehaver:**
Geberit International AG, Schachenstrasse 778645 Jona, CH-Sveits

(72) **Oppfinner:**
DANIELSSON SPOGARDH, Stefan, Troskvagen 15374 53 Asarum, SE-Sverige
OBERHOLZER, Marco, Rütistrasse 318733 Eschenbach, CH-Sveits

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

(54) **Benevnelse:**
WASHING TABLE

(51) **Klasse :** **A61B 5/00 (2006.01)**
A61B 5/03 (2006.01)
A61B 5/1455 (2006.01)
G01N 21/31 (2006.01)

(87) **EP Publ.nr:** EP2999402
(86) **EP søkn.nr:** 14725192.0
(86) **EP innl.dag:** 2014.05.21
(87) **EP publ.dag:** 2016.03.30
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2013.05.22, CH, 9972013
(86) **Int.inndag :** 2014.05.21
(86) **Int.søknadsnr :** PCT/EP2014/060414
(73) **Innehaver:**
Luciole Medical AG, Baslerstrasse 308048 Zürich, CH-Sveits

(72) **Oppfinner:**
MUSER, Markus Hugo, Luftstrasse 40CH-8820 Wädenswil, CH-Sveits
FRÖHLICH, Jürg Hans, Sonneggstrasse 60CH-8006 Zürich, CH-Sveits
BAUMANN, Dirk, Paulstrasse 6CH-8008 Zürich, CH-Sveits

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

(54) **Benevnelse:**
MEASUREMENT SYSTEM AND METHOD FOR MEASURING PARAMETERS IN A BODY TISSUE

(51) **Klasse :** **A61C 3/00 (2006.01)**
A61C 1/14 (2006.01)
A61C 19/04 (2006.01)

(87) **EP Publ.nr:** EP3582714
(86) **EP søkn.nr:** 18754650.2
(86) **EP innl.dag:** 2018.02.20
(87) **EP publ.dag:** 2019.12.25
(80) **EP meddelt :** 2023.02.01
(30) **Prioritet:** 2017.02.17, US, 201762460367 P
(86) **Int.inndag :** 2018.02.20
(86) **Int.søknadsnr :** PCT/US2018/018668
(73) **Innehaver:**
American Eagle Instruments, LLC, 6575 Butler Creek RoadMissoula, Montana 59808, US-USA

(72) **Oppfinner:**
RUBINO, Samuel, c/o American Eagle Instruments, LLC 6575 Butler Creek RoadMissoula Montana 59808, US-USA
SCHWAB, Patrick, c/o American Eagle Instruments, LLC 6575 Butler Creek RoadMissoula Montana 59808, US-USA
LEIRITZ, Philippe, c/o American Eagle Instruments, LLC 6575 Butler Creek RoadMissoula Montana 59808, US-USA
HOROWITZ, Bobby, c/o American Eagle Instruments, LLC 6575 Butler Creek RoadMissoula Montana 59808, US-USA

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

(54) **Benevnelse:**
DENTAL INSTRUMENT WITH REMOVABLE DENTAL TIP

(51) **Klasse :** **A61F 2/01 (2006.01)**

(87) **EP Publ.nr:** EP3531967
(86) **EP søkn.nr:** 17781388.8
(86) **EP innl.dag:** 2017.09.18
(87) **EP publ.dag:** 2019.09.04
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2016.10.28, DE, 102016012869
(86) **Int.inndag :** 2017.09.18
(86) **Int.søknadsnr :** PCT/EP2017/001097
(73) **Innehaver:**
Protembis GmbH, Pauwelsstrasse 1752074 Aachen, DE-Tyskland

(72) **Oppfinner:**
SCHUMACHER, Oliver, Karl-Marx-Allee 19952066 Aachen, DE-Tyskland
PFENNIG, Michael, Wiesenweg 5552072 Aachen, DE-Tyskland
JIMENEZ DIAZ, Victor Alfonso, Calle Rua do Amieiro 5 Apt. 4D36207 Vigo Pontevedra, ES-Spania
RASMUS, Conrad, Fehrbelliner Str. 47F10119 Berlin, DE-Tyskland
VON MANGOLDT, Karl, Lütticher Str. 569 a52074 Aachen, DE-Tyskland

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

(54) **Benevnelse:**
EMBOLISM PROTECTOR DEVICE, METHOD FOR BENDING SAME, AND SHAPING DEVICE

(51) **Klasse :** **A61F 11/00 (2022.01)**
A61F 7/12 (2006.01)
A61M 3/02 (2006.01)

(87) **EP Publ.nr:** EP3799565
(86) **EP søkn.nr:** 19746444.9
(86) **EP innl.dag:** 2019.07.12
(87) **EP publ.dag:** 2021.04.07
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2018.07.13, EP, 18183461
(86) **Int.inndag :** 2019.07.12
(86) **Int.søknadsnr :** PCT/EP2019/068922
(73) **Innehaver:**
EARBREEZE GMBH, Wipplingerstraße 1/DG 11010 Wien, AT-Østerrike

(72) **Oppfinner:**
KURSCHEL, Martin, Wipplingerstraße 1/1.DG1010 Wien, AT-Østerrike

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

(54) **Benevnelse:**
SPRAY HEAD FOR A DEVICE FOR PRODUCING A STREAM OF AIR IN THE OUTER EAR

- (51) **Klasse :** **A61K 9/00 (2006.01)**
A61K 9/19 (2006.01)
A61K 31/454 (2006.01)
A61K 39/395 (2006.01)
A61K 47/12 (2006.01)
A61K 47/20 (2006.01)
A61K 47/40 (2006.01)
A61K 47/69 (2017.01)
A61P 35/02 (2006.01)
C08B 37/16 (2006.01)
C08L 5/16 (2006.01)
- (87) **EP Publ.nr:** EP3644999
(86) **EP søkn.nr:** 18823719.2
(86) **EP innl.dag:** 2018.06.29
(87) **EP publ.dag:** 2020.05.06
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2017.06.30, US, 201762527744 P
2018.04.05, US, 201862653436 P
2018.05.17, US, 201862673064 P
2018.06.29
- (86) **Int.inndag :**
(86) **Int.søknadsnr :** PCT/US2018/040286
- (73) **Innehaver:**
Celgene Corporation, 86 Morris Avenue Summit, NJ 07901, US-USA
- (72) **Oppfinner:**
BUCHHOLZ, Tonia, J., 594 Kelmor Street Moss Beach CA 94038, US-USA
CARMICHAEL, James, 11 Cherry Tree Lane Edwalton NG12 4AL, GB-Storbritannia
CARRANCIO, Soraya, 5205 Fiore Terrace, Apt. B419 San Diego CA 92122, US-USA
FAN, Jinhong, 1740 Eisenhower Street San Mateo CA 94403, US-USA
GUPTA, Rajan, 9 Ten Broek Court Bridgewater NJ 08807, US-USA
LU, Gang, 6681 Dondero Trail San Diego CA 92130, US-USA
MACBETH, Kyle, 1356 Stevenson Street San Francisco CA 94103, US-USA
PACE, Emily, 18 Loma Vista Drive Orinda CA 94563, US-USA
PIERCE, Daniel, 3406 Lodge Drive Belmont CA 94002, US-USA
POURDEHNAD, Michael, 4365 23rd Street San Francisco CA 94114, US-USA
PU, Yu, 17 Brentwood Drive East Hanover NJ 07936, US-USA
WANG, Peng, 1113 Irving Avenue Westfield NJ 07090, US-USA
WU, Najun, 109 York Drive Princeton NJ 08540, US-USA
YAO, Sheena, 1320 12th Avenue San Francisco CA 94122, US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
COMPOSITIONS AND METHODS OF USE OF 2-(4-CHLOROPHENYL)-N-((2-(2,6-DIOXOPIPERIDIN-3-YL)-1-OXOISINDOLIN-5-YL) METHYL)-2,2-DIFLUOROACETAMIDE

- (51) **Klasse :** **A61K 9/20 (2006.01)**
A61K 31/216 (2006.01)
A61K 31/41 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
A61P 13/12 (2006.01)
A61P 43/00 (2006.01)
- (87) **EP Publ.nr:** EP3067043
(86) **EP søkn.nr:** 16157767.1
(86) **EP innl.dag:** 2008.11.04
(87) **EP publ.dag:** 2016.09.14
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2007.11.06, US, 985668 P
- (73) **Innehaver:**
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits
- (72) **Oppfinner:**
Al-Fayoumi, Suliman, 31 Knollwood Drive Morristown, New Jersey 07960, US-USA
Hu, Jiahui, 92 Bradley Lane Bridgewater, New Jersey 08807, US-USA
Kumaraperumal, Natrajan, 40-B Byrne Court Wayne, 07470, US-USA
Royce, Alan Edward, RR4 Box. 9LE Saylorburg, PA 18353, US-USA
Ruegger, Colleen, 89 Poplar Drive Morris Plains, NJ 07950, US-USA
Zannou, Erika Aina, 12 Mary Ellen Drive Edison, New Jersey 08820, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PHARMACEUTICAL COMPOSITIONS BASED ON SUPERSTRUCTURES OF ANGIOTENSIN RECEPTOR ANTAGONIST/BLOCKER (ARB) AND NEUTRAL ENDOPEPTIDASE (NEP) INHIBITOR

- (51) **Klasse :** **A61K 9/30 (2006.01)**
A61J 3/00 (2006.01)
A61K 9/24 (2006.01)
- (87) **EP Publ.nr:** EP3130334
(86) **EP søkn.nr:** 15776295.6
(86) **EP innl.dag:** 2015.04.08
(87) **EP publ.dag:** 2017.02.15
(80) **EP meddelt :** 2023.02.15
(30) **Prioritet:** 2014.04.08, CN, 201410139563
- (86) **Int.inndag :** 2015.04.08
(86) **Int.søknadsnr :** PCT/CN2015/076028
- (73) **Innehaver:**
Overseas Pharmaceuticals, Ltd., Room 201, Building C1, No. 11 Kaiyuan Avenue Huangpu District, Guangzhou, Guangdong Province China 510530, CN-Kina
- (72) **Oppfinner:**
Wen, Xiaoguang, Room 1210 Building D National New Drug Innovation Base No.1 Yaocheng Ave. Taizhou, Jiangsu 225300, CN-Kina
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
CONTROLLED-RELEASE SOLID PREPARATION WITH PARTIAL COATING

- (51) **Klasse :** **A61K 31/137 (2006.01)**
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3122426
(86) **EP søkn.nr:** 15769394.6
(86) **EP innl.dag:** 2015.03.28
(87) **EP publ.dag:** 2017.02.01
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2014.03.28, US, 201461971627 P
2014.10.10, US, 201414512061
2015.03.06, US, 201562129379 P
- (86) **Int.inndag :** 2015.03.28
(86) **Int.søknadsnr :** PCT/US2015/023216
(73) **Innehaver:**
Duke University, 2812 Erwin Road, Suite 306Durham, NC
27705, US-USA
- (72) **Oppfinner:**
WARDELL, Suzanne, E., 28 Arrowwood CourtDurham, NC
27712, US-USA
NELSON, Erik, R., 2111 Mullikin DriveChampaign, IL
61822, US-USA
MCDONNELL, Donald, P., 1002 Gloucester CourtChapel
Hill, NC 27516, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
TREATING BREAST CANCER USING SELECTIVE
ESTROGEN RECEPTOR MODULATORS

- (51) **Klasse :** **A61K 31/4184 (2006.01)**
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/5386 (2006.01)
A61K 31/69 (2006.01)
A61K 38/05 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
- (87) **EP Publ.nr:** EP3337477
(86) **EP søkn.nr:** 16756763.5
(86) **EP innl.dag:** 2016.08.19
(87) **EP publ.dag:** 2018.06.27
(80) **EP meddelt :** 2023.02.01
(30) **Prioritet:** 2015.08.19, GB, 201514760
(86) **Int.inndag :** 2016.08.19
(86) **Int.søknadsnr :** PCT/GB2016/052575
(73) **Innehaver:**
CONVALIFE (SHANGHAI) CO. LIMITED, Building 26, 1000
Zhangheng Road Pudong New DistrictShanghai 201203,
CN-Kina
- (72) **Oppfinner:**
SHUTTLEWORTH, Stephen Joseph, KARUS
THERAPEUTICS LTD Genesis Building Library Avenue
Harwell CampusOxfordshire OX11 0SG, GB-Storbritannia
WHALE, Andrew David, KARUS THERAPEUTICS LTD
Genesis Building Library Avenue Harwell
CampusOxfordshire OX11 0SG, GB-Storbritannia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
COMPOSITIONS COMPRISING PHOSPHOINOSITIDE 3-
KINASE INHIBITORS AND A SECOND
ANTIPROLIFERATIVE AGENT

- (51) **Klasse :** **A61K 31/497 (2006.01)**
A61K 9/20 (2006.01)
A61K 47/10 (2006.01)
A61K 47/26 (2006.01)
A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3318259
(86) **EP søkn.nr:** 16821324.7
(86) **EP innl.dag:** 2016.07.01
(87) **EP publ.dag:** 2018.05.09
(80) **EP meddelt :** 2023.01.11
(30) **Prioritet:** 2015.07.03, JP, 2015134817
(86) **Int.inndag :** 2016.07.01
(86) **Int.søknadsnr :** PCT/JP2016/069615
(73) **Innehaver:**
Astellas Pharma Inc., 5-1, Nihonbashi-Honcho 2-
chomeChuo-ku Tokyo 103-8411, JP-Japan
- (72) **Oppfinner:**
MIYAZAKI, Masakazu, c/o Astellas Pharma Inc. 5-1
Nihonbashi-Honcho 2-chome Chuo-kuTokyo 103-8411, JP-
Japan
ISHIBA, Ryohei, c/o Astellas Pharma Inc. 5-1 Nihonbashi-
Honcho 2-chome Chuo-kuTokyo 103-8411, JP-Japan
TAKAISHI, Yuki, c/o Astellas Pharma Inc. 5-1 Nihonbashi-
Honcho 2-chome Chuo-kuTokyo 103-8411, JP-Japan
UEJO, Fumiaki, c/o Astellas Pharma Inc. 5-1 Nihonbashi-
Honcho 2-chome Chuo-kuTokyo 103-8411, JP-Japan
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
STABLE PHARMACEUTICAL COMPOSITION FOR ORAL
ADMINISTRATION

- (51) **Klasse :** **A61K 31/7068 (2006.01)**
A61K 9/00 (2006.01)
A61K 45/06 (2006.01)
A61M 31/00 (2006.01)
A61P 13/02 (2006.01)
A61P 13/10 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
- (87) **EP Publ.nr:** EP3452053
(86) **EP søkn.nr:** 17793523.6
(86) **EP innl.dag:** 2017.05.05
(87) **EP publ.dag:** 2019.03.13
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2016.05.06, US, 201662333151 P
2017.01.06, US, 201762443614 P
(86) **Int.inndag :** 2017.05.05
(86) **Int.søknadsnr :** PCT/US2017/031445
(73) **Innehaver:**
TARIS Biomedical LLC, 113 Hartwell AvenueLexington,
Massachusetts 02421, US-USA
- (72) **Oppfinner:**
GIESING, Dennis, 4421 SW Gull Point DriveLee's Summit
MO 64082, US-USA
CUTIE, Christopher, 116 Shade StreetLexington MA
02421, US-USA
SARMA, Purnanand, 100 Carriage WayCarlisle MA 01741,
US-USA
LARRIVÉE-ELKINS, Cheryl, 300 Central
StreetFramingham MA 01701, US-USA
SEARCY, Christopher, 250 First Ave. Apt. 805Charlestown
MA 02129, US-USA
AGARWAL, Vikas, C/o Taris Biomedical LLC 113 Hartwell
AvenueLexington MA 02421, US-USA
- (74) **Fullmektig:**
AWA NORWAY AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**
METHOD OF TREATING LOWER TRACT UROTHELIAL
CANCER

- (51) **Klasse :** **A61K 31/74 (2006.01)**
A61P 1/00 (2006.01)
- (87) **EP Publ.nr:** EP3431094
(86) **EP søkn.nr:** 18188764.7
(86) **EP innl.dag:** 2009.08.22
(87) **EP publ.dag:** 2019.01.23
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2008.08.22, US, 9109708 P
2008.08.22, US, 91110 P
2008.08.22, US, 9112508 P
2009.04.01, US, 165894 P
2009.04.01, US, 16589909 P
2009.04.02, US, 165905 P
- (73) **Innehaver:**
Vifor (International) Ltd., Rechenstraße 379014 St. Gallen, CH-Sveits
- (72) **Oppfinner:**
CHANG, Han-Ting, 2020 Garnet DriveLivermore, CA 94550, US-USA
CHARMOT, Dominique, 1150 Steinway AvenueCampbell, CA 95008, US-USA
LIU, Mingjun, 1654 Settlers DriveSewickley, PA 15143, US-USA
STRUEVER, Werner, Hans-Sachs-Straße 451375 Leverkusen, DE-Tyskland
MANSKY, Paul, 1174 Dolores StreetSan Francisco, CA 94110, US-USA
ALBRECHT, Detlef, 12553 Parker Ranch CourtSaratoga, CA 95070, US-USA
BURDICK, Michael, 285 Vernal CourtLos Altos, CA 94022, US-USA
CONNOR, Eric, 308 Willow Hill CourtLos Gatos, CA 94560, US-USA
HALFON, Sherin, 3308 Middlefield RoadPalo Alto, CA 94306, US-USA
HUANG, I-Zu, 932 Marilyn DriveMountain View, CA 94040, US-USA
CHIDAMBARAM, Ramakrishnan, 2902 Liberty DrivePleasanton, CA 94566, US-USA
MILLS, Jonathan, 6997 Silver Fox DriveSan Jose, CA 95120, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
CROSSLINKED CATION EXCHANGE POLYMERS, COMPOSITIONS AND USE IN TREATING HYPERKALEMIA

- (51) **Klasse :** **A61K 45/06 (2006.01)**
A61K 31/192 (2006.01)
A61K 31/198 (2006.01)
A61K 31/216 (2006.01)
A61K 31/4418 (2006.01)
A61P 37/00 (2006.01)
C07C 57/03 (2006.01)
C07C 57/30 (2006.01)
C07C 57/50 (2006.01)
- (87) **EP Publ.nr:** EP3426302
(86) **EP søkn.nr:** 16893789.4
(86) **EP innl.dag:** 2016.10.31
(87) **EP publ.dag:** 2019.01.16
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2016.03.10, US, 201662306479 P
(86) **Int.inndag :** 2016.10.31
(86) **Int.søknadsnr :** PCT/US2016/059772
- (73) **Innehaver:**
IO Therapeutics, Inc., 9450 Pinecroft Dr., Unit 9497Spring, TX 77387, US-USA
- (72) **Oppfinner:**
CHANDRARATNA, Roshantha, A., 26242 Via CorrizoSan Juan Capistrano, CA 92675, US-USA
SANDERS, Martin, E., 26242 Via CorrizoSan Juan Capistrano, CA 92675, US-USA
- (74) **Fullmektig:**
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**
TREATMENT OF AUTOIMMUNE DISEASES WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES

- (51) **Klasse :** **A61K 51/00 (2006.01)**
C07B 59/00 (2006.01)
G21G 1/00 (2006.01)
G21G 4/00 (2006.01)
G21G 4/08 (2006.01)
- (87) **EP Publ.nr:** EP3863684
(86) **EP søkn.nr:** 19818240.4
(86) **EP innl.dag:** 2019.11.08
(87) **EP publ.dag:** 2021.08.18
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2018.11.15, FR, 1860562
(86) **Int.inndag :** 2019.11.08
(86) **Int.søknadsnr :** PCT/FR2019/052676
- (73) **Innehaver:**
Orano Med, 125 Avenue de Paris92320 Chatillon, FR-Frankrike
- (72) **Oppfinner:**
TORQUE, Julien, 8 Granite Place Unit 265Gaithersburg, MD 20878, US-USA
DUREAU, Rémy, 16 rue Maryse Bastié87510 SAINT-GENCE, FR-Frankrike
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PROCESS FOR THE TRANSFER OF A RADIOISOTPE BETWEEN TWO STATIONARY PHASES CONTAINED IN TWO CHROMATOGRAPHIC COLUMNS

- (51) **Klasse :** **A61K 51/04 (2006.01)**
B01D 15/18 (2006.01)
C01F 15/00 (2006.01)
G21G 1/00 (2006.01)
G21G 4/08 (2006.01)
- (87) **EP Publ.nr:** EP3863685
(86) **EP søkn.nr:** 19818239.6
(86) **EP innl.dag:** 2019.11.08
(87) **EP publ.dag:** 2021.08.18
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2018.11.15, FR, 1860561
(86) **Int.inndag :** 2019.11.08
(86) **Int.søknadsnr :** PCT/FR2019/052675
(73) **Innehaver:**
Orano Med, 125 Avenue de Paris 92320 Chatillon, FR-Frankrike
- (72) **Oppfinner:**
TORGUE, Julien, 8 Granite Place Unit 265 Gaithersburg, MD 20878, US-USA
DUREAU, Rémy, 16 rue Maryse Bastié 87510 SAINT-GENCE, FR-Frankrike
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PROCESS FOR THE PRODUCTION OF A HIGH CONTENT RADIUM-228-GENERATOR

- (51) **Klasse :** **B01D 15/18 (2006.01)**
A23D 9/04 (2006.01)
C11B 3/10 (2006.01)
C11B 7/00 (2006.01)
C11C 1/08 (2006.01)
- (87) **EP Publ.nr:** EP3501617
(86) **EP søkn.nr:** 19154557.3
(86) **EP innl.dag:** 2014.01.09
(87) **EP publ.dag:** 2019.06.26
(80) **EP meddelt :** 2023.02.01
(30) **Prioritet:** 2013.01.09, GB, 201300354
2013.01.09, US, 201361750389 P
- (73) **Innehaver:**
BASF Pharma (Callanish) Limited, 4th and 5th Floors 2 Stockport Exchange Railway Road Stockport SK1 3GG, GB-Storbritannia
- (72) **Oppfinner:**
KELLIHER, Adam, c/o BASF Pharma (Callanish) Limited P.O. Box 4 Earl Road Cheadle Hulme Cheadle, Cheshire SK8 6QG, GB-Storbritannia
MORRISON, Angus, c/o BASF Pharma (Callanish) Limited P.O. Box 4 Earl Road Cheadle Hulme Cheadle, Cheshire SK8 6QG, GB-Storbritannia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
MULTI-STEP SEPARATION PROCESS

- (51) **Klasse :** **B01D 53/85 (2006.01)**
- (87) **EP Publ.nr:** EP3204146
(86) **EP søkn.nr:** 15787359.7
(86) **EP innl.dag:** 2015.10.09
(87) **EP publ.dag:** 2017.08.16
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2014.10.09, US, 201462061977 P
(86) **Int.inndag :** 2015.10.09
(86) **Int.søknadsnr :** PCT/US2015/054938
(73) **Innehaver:**
SAIPEM S.p.A., Via Luigi Russolo 520138 Milano, IT-Italia
- (72) **Oppfinner:**
ZAKS, Aleksey, c/o CO2 SOLUTIONS INC. 2300 rue Jean-Perrin, Québec, Québec G2C 1T9, CA-Canada
REARDON, John, c/o CO2 SOLUTIONS INC. 2300 rue Jean-Perrin, Québec, Québec G2C 1T9, CA-Canada
BUCHOLZ, Tracy, c/o CO2 SOLUTIONS INC. 2300 rue Jean-Perrin, Québec, Québec G2C 1T9, CA-Canada
HULVEY, Matthew, c/o CO2 SOLUTIONS INC. 2300 rue Jean-Perrin, Québec, Québec G2C 1T9, CA-Canada
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PROCESSES FOR CARBON DIOXIDE CAPTURE WITH BIOCATALYST RECOVERY SYSTEM

- (51) **Klasse :** **B01J 20/20 (2006.01)**
B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
B01J 20/04 (2006.01)
B01J 20/28 (2006.01)
B01J 20/32 (2006.01)
B01J 20/34 (2006.01)
- (87) **EP Publ.nr:** EP3706898
(86) **EP søkn.nr:** 18796475.4
(86) **EP innl.dag:** 2018.11.08
(87) **EP publ.dag:** 2020.09.16
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2017.11.10, EP, 17201080
2018.02.19, EP, 18157300
- (86) **Int.inndag :** 2018.11.08
(86) **Int.søknadsnr :** PCT/EP2018/080655
(73) **Innehaver:**
Climeworks AG, Birchstrasse 1558050 Zürich, CH-Sveits
- (72) **Oppfinner:**
VARGAS, Angelo, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
KÜLÜR, Aylin Türkan, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
WURZBACHER, Jan André, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
GEBALD, Christoph, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
BAUMANN, Mathis, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
SPITERI, Alexander, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
NIEBEL, Tobias, c/o Climeworks AG Birchstrasse 1558050 Zürich, CH-Sveits
- (74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**
MATERIALS FOR THE DIRECT CAPTURE OF CARBON DIOXIDE FROM ATMOSPHERIC AIR

- (51) **Klasse :** **B01L 3/00 (2006.01)**
B01D 15/22 (2006.01)
G01N 30/02 (2006.01)
G01N 30/60 (2006.01)
- (87) **EP Publ.nr:** EP2934749
(86) **EP søkn.nr:** 13815477.8
(86) **EP innl.dag:** 2013.12.19
(87) **EP publ.dag:** 2015.10.28
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2012.12.19, EP, 12198144
(86) **Int.inndag :** 2013.12.19
(86) **Int.søknadsnr :** PCT/EP2013/077297
(73) **Innehaver:**
Max-Planck-Gesellschaft zur Förderung der
Wissenschaften e.V., Hofgartenstraße 880539 München,
DE-Tyskland
- (72) **Oppfinner:**
KULAK, Nils A., Friedenheimer Str. 13780686 München,
DE-Tyskland
MANN, Matthias, Am Klopferspitz 14a82152 Planegg, DE-
Tyskland
AZIMIFAR, Seyed Babak, Waldklausenweg 381377
München, DE-Tyskland
NAGARAJ, Nagarjuna, Engadiner Str. 281475 München,
DE-Tyskland
- (74) **Fullmektig:**
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**
REACTION VESSEL FOR SAMPLE PREPARATION

- (51) **Klasse :** **B05D 3/00 (2006.01)**
B05D 3/06 (2006.01)
B41F 19/00 (2006.01)
B42D 25/369 (2014.01)
B42D 25/41 (2014.01)
C09D 11/037 (2014.01)
C09D 11/101 (2014.01)
G03G 19/00 (2006.01)
- (87) **EP Publ.nr:** EP3740326
(86) **EP søkn.nr:** 18815246.6
(86) **EP innl.dag:** 2018.12.14
(87) **EP publ.dag:** 2020.11.25
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2018.01.17, EP, 18152081
2018.01.17, EP, 18152082
(86) **Int.inndag :** 2018.12.14
(86) **Int.søknadsnr :** PCT/EP2018/085031
(73) **Innehaver:**
SICPA HOLDING SA, Avenue de Florissant 411008 Prilly,
CH-Sveits
- (72) **Oppfinner:**
SCHMID, Mathieu, Rue de l'Académie 31005 Lausanne,
CH-Sveits
LOGINOV, Evgeny, Avenue du Château 111020 Renens,
CH-Sveits
DESPLAND, Claude-Alain, 1030 Bussigny, CH-Sveits
- (74) **Fullmektig:**
Fenix Legal KB, Östermalmstorg 1, 3 tr., 11442
STOCKHOLM, Sverige
- (54) **Benevnelse:**
PROCESSES FOR PRODUCING OPTICAL EFFECTS
LAYERS

- (51) **Klasse :** **B21H 3/02 (2006.01)**
F16B 25/00 (2006.01)
- (87) **EP Publ.nr:** EP3445513
(86) **EP søkn.nr:** 17711154.9
(86) **EP innl.dag:** 2017.03.16
(87) **EP publ.dag:** 2019.02.27
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2016.03.24, DE, 102016105622
(86) **Int.inndag :** 2017.03.16
(86) **Int.søknadsnr :** PCT/EP2017/056209
(73) **Innehaver:**
Ludwig Hettich Holding GmbH & Co. KG, Dr. Kurt-Steim-
Strasse 2878713 Schramberg-Sulgen, DE-Tyskland
- (72) **Oppfinner:**
HETTICH, Ulrich, Im Hagenwinkel 67/278713 Schramberg,
DE-Tyskland
HETTICH, Stefan, Haldenhof 1578713 Schramberg, DE-
Tyskland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
METHOD FOR PRODUCING A SCREW ANCHOR
COMPRISING A METRIC CONNECTION THREAD

- (51) **Klasse :** **B23B 27/10 (2006.01)**
B23B 27/16 (2006.01)
B23B 29/04 (2006.01)
- (87) **EP Publ.nr:** EP3693110
(86) **EP søkn.nr:** 20159135.1
(86) **EP innl.dag:** 2018.05.29
(87) **EP publ.dag:** 2020.08.12
(80) **EP meddelt :** 2022.12.21
(73) **Innehaver:**
CeramTec GmbH, CeramTec-Platz 1-973207 Plochingen,
DE-Tyskland
- (72) **Oppfinner:**
HENZLER, Uwe, Bismarckstr. 1473269 Hochdorf, DE-
Tyskland
NITSCHKE, Michael, Tannenstr. 2773061 Ebersbach, DE-
Tyskland
- (74) **Fullmektig:**
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,
Frankrike
- (54) **Benevnelse:**
TOOL SYSTEM

- (51) **Klasse :** *B32B 5/02 (2006.01)*
B32B 1/08 (2006.01)
B32B 5/12 (2006.01)
B32B 5/26 (2006.01)
B32B 7/022 (2019.01)
E21B 17/01 (2006.01)
F16L 11/08 (2006.01)
- (87) **EP Publ.nr:** EP3898223
(86) **EP søkn.nr:** 19835520.8
(86) **EP innl.dag:** 2019.12.18
(87) **EP publ.dag:** 2021.10.27
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2018.12.18, IT, 201800020056
(86) **Int.inndag :** 2019.12.18
(86) **Int.søknadsnr :** PCT/IB2019/061029
(73) **Innehaver:**
ENI S.p.A., Piazzale Enrico Mattei, 100144 Roma, IT-Italia
- (72) **Oppfinner:**
CARMINATI, Stefano, c/o ENI S.p.A., Via F. Maritano, 2620097 San Donato Milanese (MI), IT-Italia
ZAMPATO, Massimo, c/o Eniprogetti S.p.A., Via Pacinotti, 430175 Venezia, IT-Italia
LOMBARDI, Mariangela, Via Bene Vagienna, 3210136 Torino, IT-Italia
PAVESE, Matteo, Strada Bussolino, 109/310090 Gassino Torinese (TO), IT-Italia
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
COMPOSITE TUBULAR ELEMENT AND RELEVANT MANUFACTURING METHOD

- (51) **Klasse :** *B32B 27/08 (2006.01)*
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
B32B 27/34 (2006.01)
B32B 27/36 (2006.01)
B65D 65/00 (2006.01)
- (87) **EP Publ.nr:** EP3700748
(86) **EP søkn.nr:** 18778948.2
(86) **EP innl.dag:** 2018.10.04
(87) **EP publ.dag:** 2020.09.02
(80) **EP meddelt :** 2023.01.11
(30) **Prioritet:** 2017.10.24, EP, 17198034
(86) **Int.inndag :** 2018.10.04
(86) **Int.søknadsnr :** PCT/EP2018/077009
(73) **Innehaver:**
Renolit SE, Horchheimer Strasse 5067547 Worms, DE-Tyskland
- (72) **Oppfinner:**
BLOK, Jakob Robert, Blauäcker 198051 Zürich, CH-Sveits
VON KIRCHBACH, Hans Paul Henning, Westerweg 971815 DD Alkmaar, NL-Nederland
KARSTEN, Petrus Johannes Antonius, Prior 141613 DH Grootebroen, NL-Nederland
- (74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (54) **Benevnelse:**
LAMINATE STRUCTURE FOR BARRIER PACKAGING

- (51) **Klasse :** *B32B 27/08 (2006.01)*
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
B32B 27/34 (2006.01)
B32B 27/36 (2006.01)
B65D 65/00 (2006.01)
- (87) **EP Publ.nr:** EP3700749
(86) **EP søkn.nr:** 18778949.0
(86) **EP innl.dag:** 2018.10.04
(87) **EP publ.dag:** 2020.09.02
(80) **EP meddelt :** 2023.01.11
(30) **Prioritet:** 2017.10.24, EP, 17198039
(86) **Int.inndag :** 2018.10.04
(86) **Int.søknadsnr :** PCT/EP2018/077012
(73) **Innehaver:**
Renolit SE, Horchheimer Strasse 5067547 Worms, DE-Tyskland
- (72) **Oppfinner:**
BLOK, Jakob Robert, Blauäcker 198051 Zürich, CH-Sveits
VON KIRCHBACH, Hans Paul Henning, Westerweg 971815 DD Alkmaar, NL-Nederland
KARSTEN, Petrus Johannes Antonius, Prior 141613 DH Grootebroeten, NL-Nederland
- (74) **Fullmektig:**
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (54) **Benevnelse:**
LAMINATE STRUCTURE FOR BIOCOMPATIBLE BARRIER PACKAGING

- (51) **Klasse :** *B32B 27/08 (2006.01)*
B32B 27/16 (2006.01)
B32B 27/30 (2006.01)
C08J 5/18 (2006.01)
C08L 25/06 (2006.01)
- (87) **EP Publ.nr:** EP3702406
(86) **EP søkn.nr:** 18874741.4
(86) **EP innl.dag:** 2018.10.24
(87) **EP publ.dag:** 2020.09.02
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2017.10.27, ES, 201731261
(86) **Int.inndag :** 2018.10.24
(86) **Int.søknadsnr :** PCT/ES2018/070691
(73) **Innehaver:**
Viscofan, S.A., C/ Berroa nº 15 4ª pl. Polígono Industrial Berroa31192 Tajonar (Navarra), ES-Spania
- (72) **Oppfinner:**
GALLEGO CASTRO, Raúl, Emilio Alarcos 10 1A.47195 Arroyo De La Encomienda (Valladolid), ES-Spania
CORDERO CERRADA, Lluçia, C/ Rutlla 174-3º I17003 Girona, ES-Spania
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
ACTIVE POLYSTYRENE FILM

- (51) **Klasse :** **B60C 7/08 (2006.01)**
B60B 9/24 (2006.01)
B60B 9/26 (2006.01)
B60B 9/28 (2006.01)
B60C 7/14 (2006.01)
B60C 7/18 (2006.01)
B60C 7/26 (2006.01)
B60C 11/02 (2006.01)
- (87) **EP Publ.nr:** EP3823845
(86) **EP søkn.nr:** 19746335.9
(86) **EP innl.dag:** 2019.07.15
(87) **EP publ.dag:** 2021.05.26
(80) **EP meddelt :** 2022.12.21
(30) **Prioritet:** 2018.07.19, US, 201862764138 P
2018.12.31, US, 201816237478
2019.04.12, US, 201916383204
- (86) **Int.inndag :** 2019.07.15
(86) **Int.søknadsnr :** PCT/US2019/041774
(73) **Innehaver:**
GACW Incorporated, 3100 West Ray Road, Suite
201Chandler, AZ 85226, US-USA
- (72) **Oppfinner:**
KEMENY, Zoltan, 5661 West Park AvenueChandler,
Arizona 85226, US-USA
NEPPL, Tom, 1935 Payton CircleColorado Springs,
Colorado 80915, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
WHEEL ASSEMBLY INCLUDING INNER AND OUTER
RIM COUPLED RINGS DEFINING A MECHANICAL STOP
AND RELATED METHODS

- (51) **Klasse :** **B60L 53/60 (2019.01)**
- (87) **EP Publ.nr:** EP3959100
(86) **EP søkn.nr:** 20803896.8
(86) **EP innl.dag:** 2020.11.03
(87) **EP publ.dag:** 2022.03.02
(80) **EP meddelt :** 2022.12.28
(30) **Prioritet:** 2019.11.04, FI, 20195944
(86) **Int.inndag :** 2020.11.03
(86) **Int.søknadsnr :** PCT/FI2020/050718
(73) **Innehaver:**
LIIKENNEVIRTA OY / VIRTA LTD, Energiakuja 300180
Helsinki, FI-Finland
- (72) **Oppfinner:**
AHTIKARI, Jussi, Nukarintie 5 J 1800730 Helsinki, FI-
Finland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
ELECTRIC VEHICLE CHARGING STATION RELIABILITY
ASSESSMENT METHOD AND DEVICE

- (51) **Klasse :** **B65D 17/28 (2006.01)**
B29B 7/88 (2006.01)
B29C 45/14 (2006.01)
B29K 105/00 (2006.01)
- (87) **EP Publ.nr:** EP3741701
(86) **EP søkn.nr:** 20185471.8
(86) **EP innl.dag:** 2018.06.19
(87) **EP publ.dag:** 2020.11.25
(80) **EP meddelt :** 2022.12.14
(73) **Innehaver:**
Top Cap Holding GmbH, Untere Sparchen 506330
Kufstein, AT-Østerrike
- (72) **Oppfinner:**
Piech, Gregor Anton, Föhrenwald 17a6352 Ellmau, AT-
Østerrike
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
METHOD OF MANUFACTURING A METALLIC CAN LID

- (51) **Klasse :** **B65G 1/137 (2006.01)**
G06Q 10/08 (2012.01)
- (87) **EP Publ.nr:** EP3256406
(86) **EP søkn.nr:** 16706549.9
(86) **EP innl.dag:** 2016.02.09
(87) **EP publ.dag:** 2017.12.20
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2015.02.10, EP, 15154491
(86) **Int.inndag :** 2016.02.09
(86) **Int.søknadsnr :** PCT/EP2016/052717
(73) **Innehaver:**
Marel A/S, P.O. Pedersensvej 188200 Aarhus N, DK-
Danmark
- (72) **Oppfinner:**
MIKKELSEN, Tommy Noerskov, Hagenstrupvej 248860
Ulstrup, DK-Danmark
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
A PALLETIZING SYSTEM AND A METHOD OF
OPERATING SUCH A PALLETIZING SYSTEM

- (51) **Klasse :** **B65G 15/10 (2006.01)**
B65G 47/244 (2006.01)
- (87) **EP Publ.nr:** EP3898461
(86) **EP søkn.nr:** 19829702.0
(86) **EP innl.dag:** 2019.12.19
(87) **EP publ.dag:** 2021.10.27
(80) **EP meddelt :** 2023.01.11
(30) **Prioritet:** 2018.12.21, NL, 2022278
(86) **Int.inndag :** 2019.12.19
(86) **Int.søknadsnr :** PCT/NL2019/050857
(73) **Innehaver:**
Automotion Venhuizen Holding B.V., Handelsweg 271619
BJ Andijk, NL-Nederland
- (72) **Oppfinner:**
SJERPS, Antonius Ambrosius Jozef, Molenweg 811608 ED
Wijdenes, NL-Nederland
WAGENAAR, Richard Cornelis Theodoris, Brigantijn
5Enkhuizen 1602 CV, NL-Nederland
- (74) **Fullmektig:**
Cosmovici Intellectual Property, Rue du Commerce 4, 1204
GENÈVE, Sveits
- (54) **Benevnelse:**
A METHOD OF OPERATING AN ALIGNMENT STATION
FOR SLICES, AND AN ALIGNMENT STATION FOR
PERFORMING SAID METHOD

(51) **Klasse :** *C01B 15/023 (2006.01)*
 (87) **EP Publ.nr:** EP3915933
 (86) **EP søkn.nr:** 21173636.8
 (86) **EP innl.dag:** 2021.05.12
 (87) **EP publ.dag:** 2021.12.01
 (80) **EP meddelt :** 2023.01.25
 (30) **Prioritet:** 2020.05.28, EP, 20177047
 (73) **Innehaver:**
 Evonik Operations GmbH, Rellinghauser Straße 1-1145128
 Essen, DE-Tyskland
 (72) **Oppfinner:**
 Seidel, Nils Henning, 60439 Frankfurt, DE-Tyskland
 Kamp, Johannes, 60598 Frankfurt, DE-Tyskland
 Glenneberg, Jürgen, 63065 Offenbach, DE-Tyskland
 Panz, Christian, 50389 Wesseling-Berzdorf, DE-Tyskland
 Arévalo Saade, Eduardo Federico, 63526 Erlensee, DE-
 Tyskland
 Mangalapally, Hari Prasad, 63457 Hanau-Großauheim,
 DE-Tyskland
 (74) **Fullmektig:**
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
 CHALFONT ST PETER, Storbritannia
 (54) **Benevnelse:**
 DEVICE AND PROCESS FOR PRODUCING HYDROGEN
 PEROXIDE BY AN ANTHRAQUINONE PROCESS

(51) **Klasse :** *C01G 23/00 (2006.01)*
H01M 4/131 (2010.01)
H01M 4/485 (2010.01)
 (87) **EP Publ.nr:** EP3126291
 (86) **EP søkn.nr:** 15716649.7
 (86) **EP innl.dag:** 2015.03.30
 (87) **EP publ.dag:** 2017.02.08
 (80) **EP meddelt :** 2022.12.14
 (30) **Prioritet:** 2014.03.31, US, 201414230435
 (86) **Int.inndag :** 2015.03.30
 (86) **Int.søknadsnr :** PCT/US2015/023263
 (73) **Innehaver:**
 Tronox LLC, 3301 NW 150th St Oklahoma City, OK 73134,
 US-USA
 (72) **Oppfinner:**
 FU, Guoyi, 10201 Camelford Court Ellicott City, Maryland
 21042, US-USA
 (74) **Fullmektig:**
 Tronox LLC, 3301 NW 150th St, OK73134 OKLAHOMA
 CITY, USA
 (54) **Benevnelse:**
 METHOD FOR PREPARING LITHIUM TITANATE SPINEL
 NANOPARTICLES

(51) **Klasse :** *C04B 28/02 (2006.01)*
C04B 18/04 (2006.01)
C04B 28/00 (2006.01)
C04B 111/10 (2006.01)
C04B 111/72 (2006.01)
 (87) **EP Publ.nr:** EP3535226
 (86) **EP søkn.nr:** 16920601.8
 (86) **EP innl.dag:** 2016.11.04
 (87) **EP publ.dag:** 2019.09.11
 (80) **EP meddelt :** 2023.01.04
 (86) **Int.inndag :** 2016.11.04
 (86) **Int.søknadsnr :** PCT/US2016/060639
 (73) **Innehaver:**
 En-Tech Corporation, 91 Ruckman Road Closter, New
 Jersey 07624, US-USA
 (72) **Oppfinner:**
 CAMALI, Eugene James, 1020 Gulf Boulevard Bellair
 Shores, Florida 33786, US-USA
 SCHRELL, Andreas, Waldstrasse 13a65719 Hofheim, DE-
 Tyskland
 BENZ, Robert George, 424 North Union Avenue Cranford,
 New Jersey 07624, US-USA
 (74) **Fullmektig:**
 Nordic Patent Service A/S, Bredgade 30, 1260
 KØBENHAVN K, Danmark
 (54) **Benevnelse:**
 METHOD FOR APPLYING A NON-PORTLAND CEMENT-
 BASED MATERIAL

(51) **Klasse :** *C07C 219/06 (2006.01)*
A61K 9/127 (2006.01)
A61K 47/18 (2017.01)
C07C 229/16 (2006.01)
C07C 233/18 (2006.01)
C07C 255/24 (2006.01)
C12N 9/02 (2006.01)
C12N 15/11 (2006.01)
 (87) **EP Publ.nr:** EP3368507
 (86) **EP søkn.nr:** 16794175.6
 (86) **EP innl.dag:** 2016.10.28
 (87) **EP publ.dag:** 2018.09.05
 (80) **EP meddelt :** 2022.12.07
 (30) **Prioritet:** 2015.10.28, US, 201562247616 P
 2016.04.27, US, 201662328244 P
 (86) **Int.inndag :** 2016.10.28
 (86) **Int.søknadsnr :** PCT/US2016/059575
 (73) **Innehaver:**
 Acuitas Therapeutics Inc., 6190 Agronomy Road Suite 402
 University of British Columbia - KETRVancouver, British
 Columbia V6T 1W5, CA-Canada
 (72) **Oppfinner:**
 ANSELL, Steven, M., 201 - 2010 West 8th
 Avenue Vancouver, British Columbia V6J 1W5, CA-Canada
 DU, Xinyao, 9580 Snowdon Avenue Richmond, British
 Columbia V7A 2M1, CA-Canada
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 NOVEL LIPIDS AND LIPID NANOPARTICLE
 FORMULATIONS FOR DELIVERY OF NUCLEIC ACIDS

(51) **Klasse :** C07C 235/36 (2006.01)
C07C 271/34 (2006.01)
C07C 303/34 (2006.01)
C07D 221/00 (2006.01)
C07F 9/09 (2006.01)

(87) **EP Publ.nr:** EP3864003
(86) **EP søkn.nr:** 19795413.4
(86) **EP innl.dag:** 2019.10.11
(87) **EP publ.dag:** 2021.08.18
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2018.10.11, US, 201862744293 P
(86) **Int.inndag :** 2019.10.11
(86) **Int.søknadsnr :** PCT/US2019/055850
(73) **Innehaver:**
Calico Life Sciences LLC, 1170 Veterans Boulevard South
San Francisco, CA 94080, US-USA
AbbVie Inc., 1 North Waukegan Road North Chicago, IL
60064, US-USA

(72) **Oppfinner:**
MARTIN, Kathleen, Ann, 3450 Sacramento Street San
Francisco, CA 94118, US-USA
SIDRAUSKI, Carmela, 20434 Walnut Avenue Saratoga, CA
95070, US-USA
DART, Michael, J., 844 Yale Lane Highland Park, IL 60035,
US-USA
FROST, Jennifer, M., 635 Yorktown Lane Gurnee, IL 60031,
US-USA
TONG, Yunsong, 1408 Braxton Road Libertyville, IL 60048,
US-USA
XU, Xiangdong, 4 River Oaks Circle West Buffalo Grove, IL
60089, US-USA
SHI, Lei, 1908 Trevino Terrace Vernon Hills, IL 60061, US-
USA
MURAUSKI, Kathleen, 1807 W. Argyle Street, Apt.
404 Chicago, IL 60640, US-USA
PLIUSHCHEV, Marina, 337 Albert Drive Vernon Hills, IL
60061, US-USA
BROWN, Brian, S., 812 Washington Street Evanston, IL
60202, US-USA
VOIGHT, Eric, 10615 48th Avenue Pleasant Prairie, WI
53158, US-USA
RANDOLPH, John, T., 304 Broadway Avenue Libertyville,
IL 60048, US-USA

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

(54) **Benevnelse:**
PRODRUG MODULATORS OF THE INTEGRATED
STRESS PATHWAY

(51) **Klasse :** C07D 307/33 (2006.01)
A61K 31/135 (2006.01)
A61K 31/137 (2006.01)
A61K 31/198 (2006.01)
A61K 31/223 (2006.01)
A61K 31/275 (2006.01)
A61K 31/41 (2006.01)
A61K 31/695 (2006.01)
A61K 38/00 (2006.01)
A61K 45/06 (2006.01)
C07C 229/28 (2006.01)
C07C 233/49 (2006.01)
C07C 237/06 (2006.01)
C07C 237/30 (2006.01)
C07C 261/04 (2006.01)
C07C 311/06 (2006.01)
C07C 311/13 (2006.01)
C07C 311/51 (2006.01)
C07D 257/04 (2006.01)
C07F 7/08 (2006.01)

(87) **EP Publ.nr:** EP3364958
(86) **EP søkn.nr:** 16858326.8
(86) **EP innl.dag:** 2016.10.21
(87) **EP publ.dag:** 2018.08.29
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2015.10.23, US, 201562245553 P
2016.05.13, US, 201662336219 P
2016.10.21

(86) **Int.inndag :** 2016.10.21
(86) **Int.søknadsnr :** PCT/US2016/058188
(73) **Innehaver:**
Navitor Pharmaceuticals, Inc., 1030 Massachusetts Avenue
Suite 410 Cambridge, Massachusetts 02138, US-USA

(72) **Oppfinner:**
FETALVERO, Kristina Michelle, 51 Gloucester Street Apt.
B1 Boston, Massachusetts 02115, US-USA
NARAYAN, Sridhar, 22 Thomas Street Belmont,
Massachusetts 02478, US-USA
O'NEILL, David John, 9 Teele Street Unit 9 Arlington,
Massachusetts 02474, US-USA
SAIAH, Eddine, 19 Kenwood Street Brookline,
Massachusetts 02446, US-USA
SENGUPTA, Shomit, 35 Marion Road Belmont,
Massachusetts 02478, US-USA

(74) **Fullmektig:**
Budde Schou A/S, Dronningens Tværgade 30, 1302
KØBENHAVN K, Danmark

(54) **Benevnelse:**
MODULATORS OF SESTRIN-GATOR2 INTERACTION
AND USES THEREOF

(51) **Klasse :** C07D 401/06 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/496 (2006.01)
C07D 403/06 (2006.01)
C07D 403/14 (2006.01)

(87) **EP Publ.nr:** EP3630744
(86) **EP søkn.nr:** 18806431.5
(86) **EP innl.dag:** 2018.05.22
(87) **EP publ.dag:** 2020.04.08
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2017.05.23, US, 201762510213 P
(86) **Int.inndag :** 2018.05.22
(86) **Int.søknadsnr :** PCT/US2018/033959
(73) **Innehaver:**
H. Lundbeck A/S, Ottiliavej 92500 Valby, DK-Danmark

(72) **Oppfinner:**
GRICE, Cheryl A., 10835 Road to the Cure Suite 250San Diego California 92121, US-USA
WIENER, John J. M., 10835 Road to the Cure Suite 250San Diego California 92121, US-USA
WEBER, Olivia D., 10835 Road to the Cure Suite 250San Diego California 92121, US-USA
DUNCAN, Katharine K., 10835 Road to the Cure Suite 250San Diego California 92121, US-USA

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

(54) **Benevnelse:**
PYRAZOLE MAGL INHIBITORS

(51) **Klasse :** C07D 417/12 (2006.01)
A61K 31/426 (2006.01)
A61P 31/12 (2006.01)
C07D 277/54 (2006.01)

(87) **EP Publ.nr:** EP3692039
(86) **EP søkn.nr:** 18779696.6
(86) **EP innl.dag:** 2018.10.04
(87) **EP publ.dag:** 2020.08.12
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2017.10.05, EP, 17195047
(86) **Int.inndag :** 2018.10.04
(86) **Int.søknadsnr :** PCT/EP2018/077022
(73) **Innehaver:**
Innovative Molecules GmbH, Dachauer Str. 6580335 München, DE-Tyskland

(72) **Oppfinner:**
KLEYMANN, Gerald, Leopoldshöherstrasse 732107 Bad Salzuflen, DE-Tyskland
GEGER, Christian, Mochentalerweg 2689584 Ehingen, DE-Tyskland

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

(54) **Benevnelse:**
ENANTIOMERS OF SUBSTITUTED THIAZOLES AS ANTIVIRAL COMPOUNDS

(51) **Klasse :** C07D 487/10 (2006.01)
A61P 35/00 (2006.01)
C07D 207/14 (2006.01)
C07D 211/58 (2006.01)
C07D 401/10 (2006.01)
C07D 403/10 (2006.01)
C07D 405/10 (2006.01)
C07D 413/10 (2006.01)
C07D 417/10 (2006.01)
C07D 451/00 (2006.01)
C07D 487/08 (2006.01)

(87) **EP Publ.nr:** EP3381896
(86) **EP søkn.nr:** 16868699.6
(86) **EP innl.dag:** 2016.11.25
(87) **EP publ.dag:** 2018.10.03
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2015.11.27, JP, 2015232009
2016.06.13, JP, 2016117454
2016.11.25

(86) **Int.inndag :** 2016.11.25
(86) **Int.søknadsnr :** PCT/JP2016/085067
(73) **Innehaver:**
Taiho Pharmaceutical Co., Ltd., 1-27, Kandanishiki-choChiyoda-ku, Tokyo 101-8444, JP-Japan

(72) **Oppfinner:**
YAMASHITA, Satoshi, c/o TAIHO PHARMACEUTICAL CO. LTD. 3 OkuboTsukuba-shi Ibaraki 300-2611, JP-Japan
OGAWA, Takahiro, c/o TAIHO PHARMACEUTICAL CO. LTD. 3 OkuboTsukuba-shi Ibaraki 300-2611, JP-Japan
KOMATANI, Hideya, c/o TAIHO PHARMACEUTICAL CO. LTD. 3 OkuboTsukuba-shi Ibaraki 300-2611, JP-Japan

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

(54) **Benevnelse:**
BIPHENYL COMPOUND OR SALT THEREOF

(51) **Klasse :** C08L 67/04 (2006.01)
C08L 51/08 (2006.01)

(87) **EP Publ.nr:** EP3864090
(86) **EP søkn.nr:** 19783312.2
(86) **EP innl.dag:** 2019.10.07
(87) **EP publ.dag:** 2021.08.18
(80) **EP meddelt :** 2022.12.07
(30) **Prioritet:** 2018.10.09, EP, 18199292
(86) **Int.inndag :** 2019.10.07
(86) **Int.søknadsnr :** PCT/EP2019/077087
(73) **Innehaver:**
BYK-Chemie GmbH, Abelstraße 4546483 Wesel, DE-Tyskland
BYK Netherlands B.V., Danzigweg 237418 EN Deventer, NL-Nederland

(72) **Oppfinner:**
RAPTHEL, Inno, Abelstr. 4546483 Wesel, DE-Tyskland
PIESTERT, Frederik, Abelstraße 4546483 Wesel, DE-Tyskland
AALDERINK, Evert, Jan, Abelstr. 4546483 Wesel, DE-Tyskland
BACHMANN, Lisa, Abelstr. 4546483 Wesel, DE-Tyskland
GIESEN, Patricia, Abelstr. 4546483 Wesel, DE-Tyskland
KRÖLLER, Thorsten, Abelstraße 4546483 Wesel, DE-Tyskland
RAPTHEL, Andre, Abelstraße 4546483 Wesel, DE-Tyskland

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

(54) **Benevnelse:**
A COMPOSITION COMPRISING A GRAFTED POLYLACTIC ACID

- (51) **Klasse :** **C09D 167/02 (2006.01)**
C08J 3/24 (2006.01)
C09D 163/00 (2006.01)
- (87) **EP Publ.nr:** EP3283586
(86) **EP søkn.nr:** 16721661.3
(86) **EP innl.dag:** 2016.04.18
(87) **EP publ.dag:** 2018.02.21
(80) **EP meddelt :** 2022.12.28
(30) **Prioritet:** 2015.05.28, EP, 15169717
2015.04.17, US, 201562148966 P
- (86) **Int.inndag :** 2016.04.18
(86) **Int.søknadsnr :** PCT/EP2016/058540
(73) **Innehaver:**
Allnex Netherlands B.V., Synthesebaan 14612 RB Bergen
op Zoom, NL-Nederland
- (72) **Oppfinner:**
GOEDEGEBUURE, Rien, Hoenderweg 254697 BE Sint-
Annaland, NL-Nederland
THYS, Ferry Ludovicus, Tennislaan 161932 Stevens-
Woluwe, BE-Belgia
DE WOLF, Elwin Aloysius Cornelius Adrianus, Spoorbaan
24631 PP Hoogerheide, NL-Nederland
BRINKHUIS, Richard Hendrikus Gerrit, Groot Wezenland
338011 JX Zwolle, NL-Nederland
GESSNER, Michael Anthony, 5116 Macintosh AvenueLa
Grange, Kentucky 40031, US-USA
BUSER, Antonius Johannes Wilhelmus, Beekseweg
417031 GN Wehl, NL-Nederland
SAUER, David James, 950 Milford LaneSt. Matthews,
Kentucky 40207, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
MODIFIED EPOXY PRIMER FOR IMPROVED ADHESION
OF RMA CROSSLINKABLE COATING COMPOSITIONS

- (51) **Klasse :** **C12N 7/00 (2006.01)**
A61K 35/761 (2015.01)
A61K 39/00 (2006.01)
C12N 15/86 (2006.01)
- (87) **EP Publ.nr:** EP3768830
(86) **EP søkn.nr:** 19712179.1
(86) **EP innl.dag:** 2019.03.19
(87) **EP publ.dag:** 2021.01.27
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2018.03.21, GB, 201804468
2018.09.13, GB, 201814866
- (86) **Int.inndag :** 2019.03.19
(86) **Int.søknadsnr :** PCT/EP2019/056770
(73) **Innehaver:**
Valo Therapeutics Oy, Cultivator 1 Viikinkaari 600790
Helsinki, FI-Finland
- (72) **Oppfinner:**
RANKI, Tuuli, Valo Therapeutics Oy, Cultivator 1,
Viikinkaari 600790 Helsinki, FI-Finland
PESONEN, Sari, Valo Therapeutics Oy, Cultivator 1,
Viikinkaari 600790 Helsinki, FI-Finland
PRIHA, Petri, Valo Therapeutics Oy, Cultivator 1,
Viikinkaari 600790 Helsinki, FI-Finland
YLÖSMÄKI, Erkko, Valo Therapeutics Oy, Cultivator 1,
Viikinkaari 600790 Helsinki, FI-Finland
CERULLO, Vincenzo, Valo Therapeutics Oy, Cultivator 1,
Viikinkaari 600790 Helsinki, FI-Finland
MARTINS, Beatriz, Valo Therapeutics Oy, Cultivator 1,
Viikinkaari 600790 Helsinki, FI-Finland
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
CANCER THERAPY

- (51) **Klasse :** **C12N 9/64 (2006.01)**
A61K 38/48 (2006.01)
C12N 15/57 (2006.01)
- (87) **EP Publ.nr:** EP3581650
(86) **EP søkn.nr:** 19174517.3
(86) **EP innl.dag:** 2009.09.15
(87) **EP publ.dag:** 2019.12.18
(80) **EP meddelt :** 2022.12.28
(30) **Prioritet:** 2008.09.15, IT, BO20080564
2009.05.06, IT, BO20090275
- (73) **Innehaver:**
uniQure biopharma B.V., Paasheuvelweg 25a1105 BP
Amsterdam, NL-Nederland
- (72) **Oppfinner:**
Simioni, Paolo, Via L. Barbo 835128 Padova, IT-Italia
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
FACTOR IX POLYPEPTIDE MUTANT, ITS USES AND A
METHOD FOR ITS PRODUCTION

- (51) **Klasse :** **C12P 19/14 (2006.01)**
C12P 7/06 (2006.01)
- (87) **EP Publ.nr:** EP3098320
(86) **EP søkn.nr:** 15169886.7
(86) **EP innl.dag:** 2015.05.29
(87) **EP publ.dag:** 2016.11.30
(80) **EP meddelt :** 2022.12.14
(73) **Innehaver:**
Clariant Produkte (Deutschland) GmbH, Brüningstrasse
5065929 Frankfurt am Main, DE-Tyskland
- (72) **Oppfinner:**
Zavrel, Michael, Roggensteiner Str. 7 b82140 Olching, DE-
Tyskland
Zehe, Markus, Graefstrasse 111a81241 Munich, DE-
Tyskland
Bartuch, Joerg, Forstenrieder Park Strasse 2782131
Gauting, DE-Tyskland
Verhuelsdonk, Marcus, An der Mangfall 1a83026
Rosenheim, DE-Tyskland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
PROCESS FOR THE HYDROLYSIS OF BIOMASS

- (51) **Klasse :** **C12Q 1/04 (2006.01)**
- (87) **EP Publ.nr:** EP3628745
(86) **EP søkn.nr:** 19191393.8
(86) **EP innl.dag:** 2016.01.09
(87) **EP publ.dag:** 2020.04.01
(80) **EP meddelt :** 2023.01.04
(30) **Prioritet:** 2015.01.12, US, 201562102506 P
- (73) **Innehaver:**
Taccount Exact Ltd., c/o Kinrot Holdings Limited Partnership
Kibbutz Lavi15267 Lower Galilee, IL-Israel
- (72) **Oppfinner:**
ZAHAVY, Eran, 12 Carmel StreetRehovot 7630512, IL-
Israel
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
SPECTRAL INTENSITY RATIO (SIR) ANALYSIS FOR
RAPID LIVE MICROBIAL ENUMERATION

- (51) **Klasse :** C12Q 1/6804 (2018.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
- (87) **EP Publ.nr:** EP3896171
(86) **EP søkn.nr:** 21169849.3
(86) **EP innl.dag:** 2017.12.22
(87) **EP publ.dag:** 2021.10.20
(80) **EP meddelt :** 2023.02.01
(30) **Prioritet:** 2016.12.22, US, 201662438341 P
2017.09.29, US, 201715720085
- (73) **Innehaver:**
10X Genomics, Inc., 6230 Stoneridge Mall
RoadPleasanton, CA 94588-3260, US-USA
- (72) **Oppfinner:**
BELGRADER, Phillip, Livermore, CA 94550, US-USA
BENT, Zachary, Pleasanton, CA 94588, US-USA
GOPALAN, Vijay Kumar Sreenivasa, Pleasanton, CA
94566, US-USA
HARADA, Josephine, San Francisco, CA 94158, US-USA
HINDSON, Christopher, Livermore, CA 94551, US-USA
LENJI, Mohammad Rahimi, Pleasanton, CA 94566, US-
USA
MCDERMOTT, Geoffrey, Livermore, CA 94550, US-USA
MEER, Elliott, Pleasanton, CA 94566, US-USA
MIKKELSEN, Tarjei Sigurd, Pleasanton, CA 94588-3260,
US-USA
O'KEEFFE, Christopher Joachim, Pleasanton, CA 94566,
US-USA
PFEIFFER, Katherine, Pleasanton, CA 94588-3260, US-
USA
PRICE, Andrew D., Hayward, CA 94541, US-USA
RYVKIN, Paul, San Jose, CA 95112, US-USA
SAXONOV, Serge, Oakland, CA 94619, US-USA
STUELPNAGEL, John R., Santa Barbara, CA 93101, US-
USA
TERRY, Jessica Michele, Pleasanton, CA 94566, US-USA
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
METHOD FOR PROCESSING POLYNUCLEOTIDES FOR
ANALYSING INDIVIDUAL CELLS

- (51) **Klasse :** C12Q 1/689 (2018.01)
- (87) **EP Publ.nr:** EP3286323
(86) **EP søkn.nr:** 16783760.8
(86) **EP innl.dag:** 2016.04.20
(87) **EP publ.dag:** 2018.02.28
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2015.04.24, US, 201562152754 P
2016.01.15, US, 201662279220 P
- (86) **Int.inndag :** 2016.04.20
(86) **Int.søknadsnr :** PCT/US2016/028433
- (73) **Innehaver:**
Becton, Dickinson and Company, 1 Becton DriveFranklin
Lakes, NJ 07417, US-USA
- (72) **Oppfinner:**
PAQUETTE, Nancy, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
TREMBLAY, Marie-Helene, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
TREMBLAY, Simon, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
THERRIEN, Roseline, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
FORTIN, Marie-Christine, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
BELLEY-MONTFORT, Lucile, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
CANTIN, Dany, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
ROGER-DALBERT, Celine, 2555 Boulevard Du Parc
TechnologiqueQuebec, QC G1P 4S5, CA-Canada
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
MULTIPLEX DETECTION OF BACTERIAL VAGINOSIS

- (51) **Klasse :** C22C 9/04 (2006.01)
C22F 1/08 (2006.01)
- (87) **EP Publ.nr:** EP3872198
(86) **EP søkn.nr:** 19935321.0
(86) **EP innl.dag:** 2019.12.11
(87) **EP publ.dag:** 2021.09.01
(80) **EP meddelt :** 2023.02.15
(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/JP2019/048438
- (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
MANUFACTURING FREE-CUTTING COPPER ALLOY

(51) **Klasse :** *D03D 13/00 (2006.01)*
D03D 1/00 (2006.01)
D03D 15/283 (2021.01)

(87) **EP Publ.nr:** EP3899118
(86) **EP søkn.nr:** 19755272.2
(86) **EP innl.dag:** 2019.08.06
(87) **EP publ.dag:** 2021.10.27
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2018.12.21, AT, 511522018
(86) **Int.inndag :** 2019.08.06
(86) **Int.søknadsnr :** PCT/AT2019/060251
(73) **Innehaver:**
Sattler PRO-TEX GmbH, Sattlerstrasse 458077
Gössendorf, AT-Østerrike

(72) **Oppfinner:**
PICHLER, Michael, Forstweg 61a8046 Graz, AT-Østerrike
POSCHER, Reinhard, Schulgasse 107571 Rudersdorf, AT-Østerrike
PLETZ, Jakob, Eichbachgasse 8/38041 Graz, AT-Østerrike
HOCHSTÖGER, Johann, Reichenweg 147571 Rudersdorf, AT-Østerrike
GRADNIG, Günther, Mozartweg 79400 Wolfsberg, AT-Østerrike

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

(54) **Benevnelse:**
MEMBRANE FOR A TEXTILE ARCHITECTURE

(51) **Klasse :** *E01B 7/24 (2006.01)*

(87) **EP Publ.nr:** EP3850154
(86) **EP søkn.nr:** 19787440.7
(86) **EP innl.dag:** 2019.09.16
(87) **EP publ.dag:** 2021.07.21
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2018.09.16, DE, 102018007263
(86) **Int.inndag :** 2019.09.16
(86) **Int.søknadsnr :** PCT/IB2019/057768
(73) **Innehaver:**
EAN Elektroschaltanlagen Grimma GmbH, Broner Ring
3004668 Grimma, DE-Tyskland

(72) **Oppfinner:**
REINKER, Wolfgang, Leipziger Straße 2104651 Bad
Lausick, DE-Tyskland

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

(54) **Benevnelse:**
METHOD AND CONTROL DEVICE FOR OPEN-LOOP
AND CLOSED-LOOP CONTROL OF A POINTS HEATING
SYSTEM

(51) **Klasse :** *E01D 19/16 (2006.01)*
D07B 1/14 (2006.01)

(87) **EP Publ.nr:** EP3577274
(86) **EP søkn.nr:** 17710608.5
(86) **EP innl.dag:** 2017.02.03
(87) **EP publ.dag:** 2019.12.11
(80) **EP meddelt :** 2023.01.25
(86) **Int.inndag :** 2017.02.03
(86) **Int.søknadsnr :** PCT/IB2017/000214
(73) **Innehaver:**
Soletanche Freyssinet, 280 Avenue Napoleon
Bonaparte92500 Rueil Malmaison, FR-Frankrike

(72) **Oppfinner:**
FABRY, Nicolas, 1 Rue Galipeau92160 Antony, FR-Frankrike
GUESDON, Matthieu, 13 Rue du Bicentenaire92800
Puteaux, FR-Frankrike
SOLET, Ronan, 1 Rue de la Touche Ablin35510 Cesson
Sevigne, FR-Frankrike
ALPMAN, Ihsan Aydin, Mehmet Akif. Mah. Sahin Cad.
Cahit Sitki Sok. No:42 Daire:4 Serifali-ÜmraniyeIstanbul,
TR-Tyrkia
GÜZEL, Müslüm, Güzel Kent Mah. Lozan Baris cad. Baris
sitesi 12-A Blok No:2 Etimesgut-AnkaraAnkara, TR-Tyrkia

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

(54) **Benevnelse:**
A STRUCTURAL CABLE HAVING AN INNER HOUSING

(51) **Klasse :** *E01H 5/06 (2006.01)*

(87) **EP Publ.nr:** EP3784836
(86) **EP søkn.nr:** 19792556.3
(86) **EP innl.dag:** 2019.04.15
(87) **EP publ.dag:** 2021.03.03
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2018.04.24, SE, 1850480
(86) **Int.inndag :** 2019.04.15
(86) **Int.søknadsnr :** PCT/SE2019/050349
(73) **Innehaver:**
PARTREX AB, Industrivägen 30905 31 Hörnefors, SE-Sverige

(72) **Oppfinner:**
SJÖSTRÖM, Lars Göran, Motorbåtsvägen 4907 88 Täfteå,
SE-Sverige

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

(54) **Benevnelse:**
PLOW STEEL FOR A SNOW PLOW, AND METHODS
FOR MANUFACTURING AND USING SUCH A PLOW
STEEL

- (51) **Klasse :** *E04F 13/00 (2006.01)*
E04B 9/30 (2006.01)
- (87) **EP Publ.nr:** EP3800307
- (86) **EP søkn.nr:** 20186542.5
- (86) **EP innl.dag:** 2020.07.17
- (87) **EP publ.dag:** 2021.04.07
- (80) **EP meddelt :** 2023.01.11
- (30) **Prioritet:** 2019.10.02, FR, 1910919
- (73) **Innehaver:**
Newmat, 140, rue René Cauche59139 Noyelles-lès-Seclin, FR-Frankrike
- (72) **Oppfinner:**
GICQUEL, Pascal, NEWMAT c/o NEWMAT, 140 rue René Cauche59139 NOYELLES-LÈS-SECLIN, FR-Frankrike
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
PROFILE ELEMENT FOR STRETCHED-FABRIC FALSE WALL, FALSE WALL COMPRISING SUCH A PROFILE ELEMENT

- (51) **Klasse :** *E04H 15/20 (2006.01)*
E04H 15/64 (2006.01)
- (87) **EP Publ.nr:** EP3877612
- (86) **EP søkn.nr:** 19809718.0
- (86) **EP innl.dag:** 2019.11.06
- (87) **EP publ.dag:** 2021.09.15
- (80) **EP meddelt :** 2022.12.14
- (30) **Prioritet:** 2018.11.08, DE, 102018127912
- (86) **Int.inndag :** 2019.11.06
- (86) **Int.søknadsnr :** PCT/EP2019/080436
- (73) **Innehaver:**
Vector Foiltec GmbH, Steinacker 328717 Bremen, DE-Tyskland
- (72) **Oppfinner:**
MAYWALD, Carl, Am Rüten 11628357 Bremen, DE-Tyskland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
BUILDING-SHEATH ELEMENT HAVING A SHEET-MATERIAL ELEMENT

- (51) **Klasse :** *E05B 15/00 (2006.01)*
E05B 55/00 (2006.01)
E05B 65/10 (2006.01)
- (87) **EP Publ.nr:** EP3870782
- (86) **EP søkn.nr:** 19794716.1
- (86) **EP innl.dag:** 2019.10.18
- (87) **EP publ.dag:** 2021.09.01
- (80) **EP meddelt :** 2022.12.07
- (30) **Prioritet:** 2018.10.23, SE, 1851309
- (86) **Int.inndag :** 2019.10.18
- (86) **Int.søknadsnr :** PCT/SE2019/051024
- (73) **Innehaver:**
Stendals EI AB, Signalistgatan 17721 31 Västerås, SE-Sverige
- (72) **Oppfinner:**
JENSEN, Lars, Dalavägen 60735 37 Surahammar, SE-Sverige
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
A LOCKING DEVICE

- (51) **Klasse :** *E21B 3/035 (2006.01)*
E21B 3/02 (2006.01)
E21B 17/03 (2006.01)
F16D 7/00 (2006.01)
- (87) **EP Publ.nr:** EP3656968
- (86) **EP søkn.nr:** 19219841.4
- (86) **EP innl.dag:** 2018.03.01
- (87) **EP publ.dag:** 2020.05.27
- (80) **EP meddelt :** 2023.01.04
- (30) **Prioritet:** 2017.03.02, US, 201715448297
- (73) **Innehaver:**
Weatherford Technology Holdings, LLC, 2000, St. James PlaceHouston, TX 77056, US-USA
- (72) **Oppfinner:**
VEIT, Thomas, Hardenbergstraße 2004275 Leipzig, DE-Tyskland
- (74) **Fullmektig:**
WOOD, Kevin, 16343 Gentle Slope LnHouston, TX 77044, US-USA
- (54) **Benevnelse:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**
TOOL COUPLER WITH SLIDING COUPLING MEMBERS FOR TOP DRIVE

- (51) **Klasse :** *E21B 7/04 (2006.01)*
E02F 9/26 (2006.01)
G01V 3/38 (2006.01)
- (87) **EP Publ.nr:** EP4006297
- (86) **EP søkn.nr:** 21189658.4
- (86) **EP innl.dag:** 2021.08.04
- (87) **EP publ.dag:** 2022.06.01
- (80) **EP meddelt :** 2023.01.04
- (30) **Prioritet:** 2020.11.27, JP, 2020196616
- (73) **Innehaver:**
Japan Aviation Electronics Industry, Limited, 21-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043, JP-Japan
- (72) **Oppfinner:**
HAMAKAWA, Keita, Shibuya-ku, 150-0043, JP-Japan
- (74) **Fullmektig:**
INOUE, Yusuke, Shibuya-ku, 150-0043, JP-Japan
- (54) **Benevnelse:**
TAKAHASHI, Hiroyuki, Shibuya-ku, 150-0043, JP-Japan
- (74) **Fullmektig:**
YAMADA, Takazumi, Shibuya-ku, 150-0043, JP-Japan
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
MEASURING APPARATUS, MEASURING METHOD AND MEASURING PROGRAM

(51) **Klasse :** **E21B 7/06 (2006.01)**
E21B 17/10 (2006.01)
(87) **EP Publ.nr:** EP3701112
(86) **EP søkn.nr:** 18778779.1
(86) **EP innl.dag:** 2018.09.07
(87) **EP publ.dag:** 2020.09.02
(80) **EP meddelt :** 2023.01.11
(30) **Prioritet:** 2017.10.29, US, 201715796844
(86) **Int.inndag :** 2018.09.07
(86) **Int.søknadsnr :** PCT/US2018/050074
(73) **Innehaver:**
Weatherford Technology Holdings, LLC, 2000, St. James PlaceHouston, TX 77056, US-USA
(72) **Oppfinner:**
CONGER, Robert, 16210 West Hardy RoadHouston, Texas 77060, US-USA
FARLEY, Steven, 16210 West Hardy RoadHouston, Texas 77060, US-USA
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
(54) **Benevnelse:**
ROTARY STEERABLE SYSTEM HAVING ACTUATOR WITH LINKAGE

(51) **Klasse :** **E21B 17/042 (2006.01)**
(87) **EP Publ.nr:** EP3759305
(86) **EP søkn.nr:** 19713604.7
(86) **EP innl.dag:** 2019.02.27
(87) **EP publ.dag:** 2021.01.06
(80) **EP meddelt :** 2023.02.15
(30) **Prioritet:** 2018.03.01, US, 201862637110 P
2019.02.26, US, 201916286266
(86) **Int.inndag :** 2019.02.27
(86) **Int.søknadsnr :** PCT/US2019/019792
(73) **Innehaver:**
Dziekonski, Mitchell Z., PO Box 1527Stafford, Texas 77497, US-USA
(72) **Oppfinner:**
BAILEY, Andyle Gregory, PO Box 1527Stafford, Texas 77497, US-USA
DZIEKONSKI, Mitchell Z., PO Box 1527Stafford, Texas 77497, US-USA
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(54) **Benevnelse:**
THREAD FORM AND THREADED ARTICLE

(51) **Klasse :** **E21B 17/042 (2006.01)**
F16L 15/08 (2006.01)
(87) **EP Publ.nr:** EP3922807
(86) **EP søkn.nr:** 21189945.5
(86) **EP innl.dag:** 2018.02.28
(87) **EP publ.dag:** 2021.12.15
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2017.03.03, US, 201715449350
2017.06.27, US, 201715634558
(73) **Innehaver:**
ArcelorMittal Tubular Products Luxembourg S.A., 24-26, Boulevard d'Avranches1160 Luxembourg, LU-Luxembourg
(72) **Oppfinner:**
EVANS, Merle E., HOUSTON 77070, US-USA
VAN WITTENBERGHE, Jeroen Stijn Juliaan, 9060 ZELZATE, BE-Belgia
(74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(54) **Benevnelse:**
TORQUE SHOULDER OF A PREMIUM CONNECTION

(51) **Klasse :** **E21B 19/00 (2006.01)**
(87) **EP Publ.nr:** EP3669048
(86) **EP søkn.nr:** 18766373.7
(86) **EP innl.dag:** 2018.08.02
(87) **EP publ.dag:** 2020.06.24
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2017.08.18, NL, 2019427
(86) **Int.inndag :** 2018.08.02
(86) **Int.søknadsnr :** PCT/NL2018/050532
(73) **Innehaver:**
Itrec B.V., Admiraal Trompstraat 23115 HH Schiedam, NL-Nederland
(72) **Oppfinner:**
ROODENBURG, Joop, c/o 2 Admiraal Trompstraat3115 HH Schiedam, NL-Nederland
VAN DUIVENDIJK, Pieter Dirk Melis, c/o 2 Admiraal Trompstraat3115 HH Schiedam, NL-Nederland
(74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
(54) **Benevnelse:**
RUNNING A SUBSEA RISER STRING

(51) **Klasse :** **E21B 29/00 (2006.01)**
E21B 33/038 (2006.01)
(87) **EP Publ.nr:** EP3568564
(86) **EP søkn.nr:** 18701985.6
(86) **EP innl.dag:** 2018.01.09
(87) **EP publ.dag:** 2019.11.20
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2017.01.10, US, 201715403000
(86) **Int.inndag :** 2018.01.09
(86) **Int.søknadsnr :** PCT/US2018/012904
(73) **Innehaver:**
Weatherford Technology Holdings, LLC, 2000, St. James PlaceHouston, TX 77056, US-USA
(72) **Oppfinner:**
PRAY, Jeffery Scott, 126 Bella LunaShenandoah, Texas 77381, US-USA
MACK, Anthony T., 6 W. Eden CourtAnn Arbor, Michigan 48108, US-USA
SEGURA, Richard J., 213 Rue de La RochelleBroussand, Louisiana 70518, US-USA
TEALE, David W., 6311 Rippling HollowSpring, Texas 77379, US-USA
(74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
(54) **Benevnelse:**
TENSION CUTTING CASING AND WELLHEAD RETRIEVAL SYSTEM

(51) **Klasse :** **E21B 33/037 (2006.01)**
E21B 33/038 (2006.01)
(87) **EP Publ.nr:** EP3740647
(86) **EP søkn.nr:** 18829751.9
(86) **EP innl.dag:** 2018.12.06
(87) **EP publ.dag:** 2020.11.25
(80) **EP meddelt :** 2023.01.25
(30) **Prioritet:** 2018.01.16, EP, 18151877
(86) **Int.inndag :** 2018.12.06
(86) **Int.søknadsnr :** PCT/EP2018/083852
(73) **Innehaver:**
Siemens Energy AS, Oestre Aker Vei 880596 OsloNorge
(72) **Oppfinner:**
LUDWIG, Klaus, Gaußstraße 791058 Erlangen, DE-Tyskland
(74) **Fullmektig:**
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300 KØBENHAVN S, Danmark
(54) **Benevnelse:**
SUBSEA HOUSING ASSEMBLY

(51) **Klasse :** *E21B 43/12 (2006.01)*
E21B 43/38 (2006.01)

(87) **EP Publ.nr:** EP3746632

(86) **EP søkn.nr:** 18903499.4

(86) **EP innl.dag:** 2018.10.12

(87) **EP publ.dag:** 2020.12.09

(80) **EP meddelt :** 2023.01.18

(30) **Prioritet:** 2018.02.01, US, 201862625045 P

(86) **Int.inndag :** 2018.10.12

(86) **Int.søknadsnr :** PCT/US2018/055562

(73) **Innehaver:**
BAKER HUGHES HOLDINGS LLC, 17021 Aldine
WestfieldHouston, TX 77073, US-USA

(72) **Oppfinner:**
FEHRI, Ahmed, c/o 14990 Yorktown Plaza DriveHouston,
Texas 77040, US-USA

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

(54) **Benevnelse:**
COILED TUBING SUPPORTED ESP WITH GAS
SEPARATOR

(51) **Klasse :** *E21B 47/00 (2012.01)*
G01N 33/24 (2006.01)
G01V 99/00 (2009.01)

(87) **EP Publ.nr:** EP3167387

(86) **EP søkn.nr:** 14897143.5

(86) **EP innl.dag:** 2014.07.11

(87) **EP publ.dag:** 2017.05.17

(80) **EP meddelt :** 2023.01.11

(86) **Int.inndag :** 2014.07.11

(86) **Int.søknadsnr :** PCT/US2014/046322

(73) **Innehaver:**
Landmark Graphics Corporation, 2107 City West Blvd.,
Bldg. 2Houston, Texas 77042, US-USA

(72) **Oppfinner:**
BREWER, Michael L., 5002 Sycamore Bluff DriveKaty,
Texas 77494, US-USA
WARD, Steven B., 4309 Avenue FAustin, Texas 78751,
US-USA

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

(54) **Benevnelse:**
ANISOTROPIC GEOMETRY-ADAPTIVE REFINEMENT
FOR RESERVOIR MESH CREATION

(51) **Klasse :** *E21B 47/10 (2012.01)*
E21B 49/08 (2006.01)
G01N 22/04 (2006.01)
G01N 33/28 (2006.01)

(87) **EP Publ.nr:** EP3513037

(86) **EP søkn.nr:** 17772197.4

(86) **EP innl.dag:** 2017.09.12

(87) **EP publ.dag:** 2019.07.24

(80) **EP meddelt :** 2023.01.18

(30) **Prioritet:** 2016.09.13, US, 201662393804 P
2017.08.25, US, 201715686738

(86) **Int.inndag :** 2017.09.12

(86) **Int.søknadsnr :** PCT/US2017/051045

(73) **Innehaver:**
Saudi Arabian Oil Company, 1 Eastern AvenueDhahran
31311, SA-Saudi Arabia
King Abdullah University of Science and Technology, 4700
King Abdullah University of Science and Technology
Building 16, Room 4518Thuwal 23955-6900, SA-Saudi
Arabia

(72) **Oppfinner:**
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of Science and Technology Building 3, Level 3 3266-
WS13Thuwal 23955-6900, SA-Saudi Arabia
SHAMIM, Atif, 4700 King Abdullah University of Science
and Technology PO Box 2023Thuwal 23955-6900, SA-
Saudi Arabia
ARSALAN, Muhammad, Saudi Aramco P.O. Box
8459Dhahran 31311, SA-Saudi Arabia

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

(54) **Benevnelse:**
SYSTEMS AND METHODS FOR DETERMINING WATER-
CUT OF A FLUID MIXTURE

(51) **Klasse :** *E21B 47/18 (2012.01)*
E21B 47/01 (2012.01)

(87) **EP Publ.nr:** EP3019696

(86) **EP søkn.nr:** 14744136.4

(86) **EP innl.dag:** 2014.07.09

(87) **EP publ.dag:** 2016.05.18

(80) **EP meddelt :** 2023.01.18

(30) **Prioritet:** 2013.07.11, GB, 201312465

(86) **Int.inndag :** 2014.07.09

(86) **Int.søknadsnr :** PCT/GB2014/052096

(73) **Innehaver:**
Halliburton Manufacturing and Services Limited, Russell
House Block D, Regent ParkKingston Road Leatherhead
Surrey KT22 7LU, GB-Storbritannia

(72) **Oppfinner:**
BROWN-KERR, William, 8 Golf PlaceAboyne,
Aberdeenshire AB34 5GA, GB-Storbritannia
MCGARIAN, Bruce Hermann Forsyth, 23 East
GlebeStonehaven, Aberdeenshire AB39 2HW, GB-
Storbritannia

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

(54) **Benevnelse:**
DOWNHOLE APPARATUS, SYSTEM AND METHOD

- (51) **Klasse :** *F03D 13/25 (2016.01)*
 (87) **EP Publ.nr:** EP3775539
 (86) **EP søkn.nr:** 19769848.3
 (86) **EP innl.dag:** 2019.05.29
 (87) **EP publ.dag:** 2021.02.17
 (80) **EP meddelt :** 2022.12.07
 (30) **Prioritet:** 2018.07.20, DE, 102018117647
 (86) **Int.inndag :** 2019.05.29
 (86) **Int.søknadsnr :** PCT/IB2019/000458
 (73) **Innehaver:**
 aerodyn consulting Singapore pte ltd, 230 Victoria Street
 No. 11-03/04, Bugis Junction TowersSingapore 188024,
 SG-Singapore
 (72) **Oppfinner:**
 SIEGFRIEDSEN, Sönke, Am grünen Kranz 624768
 Rendsburg, DE-Tyskland
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 SINGLE-POINT MOORING WIND TURBINE

- (51) **Klasse :** *F16L 15/04 (2006.01)*
E21B 17/042 (2006.01)
 (87) **EP Publ.nr:** EP3763981
 (86) **EP søkn.nr:** 19764512.0
 (86) **EP innl.dag:** 2019.02.14
 (87) **EP publ.dag:** 2021.01.13
 (80) **EP meddelt :** 2023.01.25
 (30) **Prioritet:** 2018.03.05, JP, 2018038495
 (86) **Int.inndag :** 2019.02.14
 (86) **Int.søknadsnr :** PCT/JP2019/005177
 (73) **Innehaver:**
 JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome
 Chiyoda-kuTokyo 100-0011, JP-Japan
 (72) **Oppfinner:**
 KAWAI Takamasa, c/o Intellectual Property Dept., JFE
 STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome,
 Chiyoda- kuTokyo 100-0011, JP-Japan
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 STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome,
 Chiyoda- kuTokyo 100-0011, JP-Japan
 TAKANO Jun, c/o Intellectual Property Dept., JFE STEEL
 CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-
 kuTokyo 100-0011, JP-Japan
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 STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome,
 Chiyoda- kuTokyo 100-0011, JP-Japan
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 CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-
 kuTokyo 100-0011, JP-Japan
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 SCREW JOINT FOR OIL WELL PIPE

- (51) **Klasse :** *F16L 55/10 (2006.01)*
 (87) **EP Publ.nr:** EP4001725
 (86) **EP søkn.nr:** 21204732.8
 (86) **EP innl.dag:** 2021.10.26
 (87) **EP publ.dag:** 2022.05.25
 (80) **EP meddelt :** 2023.01.18
 (30) **Prioritet:** 2020.11.24, JP, 2020194101
 (73) **Innehaver:**
 Tatsuno Corporation, 2-6, Mita 3-chome Minato-kuTokyo
 108-0073, JP-Japan
 (72) **Oppfinner:**
 TAKEZAWA, Masahiro, Tokyo, 108-0073, JP-Japan
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 PIPE JOINT

- (51) **Klasse :** *F17C 1/16 (2006.01)*
F17C 1/00 (2006.01)
F17C 1/06 (2006.01)
F17C 13/08 (2006.01)
 (87) **EP Publ.nr:** EP3111130
 (86) **EP søkn.nr:** 15754903.1
 (86) **EP innl.dag:** 2015.02.23
 (87) **EP publ.dag:** 2017.01.04
 (80) **EP meddelt :** 2023.02.15
 (30) **Prioritet:** 2014.02.27, US, 201461945220 P
 2014.10.28, US, 201414525645
 (86) **Int.inndag :** 2015.02.23
 (86) **Int.søknadsnr :** PCT/US2015/017061
 (73) **Innehaver:**
 Hanwha Cimarron LLC, 4912 Moores Mill RoadHuntsville,
 AL 35811, US-USA
 (72) **Oppfinner:**
 DeLAY, Thomas K., 4912 Moores Mill RoadHuntsville, AL
 35811, US-USA
 (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
 (54) **Benevnelse:**
 PRESSURE VESSEL

- (51) **Klasse :** *F17C 13/04 (2006.01)*
F17C 13/06 (2006.01)
 (87) **EP Publ.nr:** EP3636984
 (86) **EP søkn.nr:** 19199791.5
 (86) **EP innl.dag:** 2019.09.26
 (87) **EP publ.dag:** 2020.04.15
 (80) **EP meddelt :** 2022.12.28
 (30) **Prioritet:** 2018.09.26, DE, 202018105532 U
 (73) **Innehaver:**
 UNI-Geräte E. Mangelmann Elektrotechnische Fabrik
 GmbH, Holtumsweg 1347652 Weeze, DE-Tyskland
 (72) **Oppfinner:**
 Schneider, Norbert, Dechand-Faßbender-Str. 2840670
 Meerbusch, DE-Tyskland
 (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
 (54) **Benevnelse:**
 HOUSING FOR RECEIVING A GAS VALVE UNIT (GUV)
 FOR A VESSEL WITH A GAS DRIVE

- (51) **Klasse :** *F27B 9/06 (2006.01)*
F27B 9/24 (2006.01)
F27D 3/08 (2006.01)
F27D 11/02 (2006.01)
F27D 1/04 (2006.01)
 (87) **EP Publ.nr:** EP3803243
 (86) **EP søkn.nr:** 19714696.2
 (86) **EP innl.dag:** 2019.04.08
 (87) **EP publ.dag:** 2021.04.14
 (80) **EP meddelt :** 2022.12.07
 (30) **Prioritet:** 2018.06.01, FR, 1854773
 (86) **Int.inndag :** 2019.04.08
 (86) **Int.søknadsnr :** PCT/EP2019/058815
 (73) **Innehaver:**
 E.T.I.A.-Evaluation Technologique, Ingenierie et
 Applications, Carrefour Jean Monnet Départemental
 20060201 Compiègne, FR-Frankrike
 (72) **Oppfinner:**
 LEPEZ, Olivier, 227 avenue Charles de Gaulle60260
 LAMORLAYE, FR-Frankrike
 SAJET, Philippe, 5 rue de Picardie60610 LACROIX SAINT-
 OUVEN, FR-Frankrike
 (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
 (54) **Benevnelse:**
 HEAT TREATMENT DEVICE COMPRISING A
 REFRACTORY ENVELOPE AND USE OF SUCH DEVICE

(51) **Klasse :** *G01D 5/48 (2006.01)*
G01D 3/08 (2006.01)

(87) **EP Publ.nr:** EP3992583

(86) **EP søkn.nr:** 20205522.4

(86) **EP innl.dag:** 2020.11.03

(87) **EP publ.dag:** 2022.05.04

(80) **EP meddelt :** 2023.01.04

(73) **Innehaver:**
SICK ATech GmbH, Stockumer Straße 2858453 Witten,
DE-Tyskland

(72) **Oppfinner:**
Ahmad, Saiful Islam, 58453 Witten, DE-Tyskland

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

(54) **Benevnelse:**
MAGNETOSTRICTIVE DISPLACEMENT SENSOR

(51) **Klasse :** *G01G 23/01 (2006.01)*
G01D 5/39 (2006.01)
G01G 23/37 (2006.01)

(87) **EP Publ.nr:** EP2045587

(86) **EP søkn.nr:** 08102200.6

(86) **EP innl.dag:** 2008.02.29

(87) **EP publ.dag:** 2009.04.08

(80) **EP meddelt :** 2022.11.30

(30) **Prioritet:** 2007.10.05, FI, 20075710

(73) **Innehaver:**
TAMTRON OY, P.O. Box 1533561 Tampere, FI-Finland

(72) **Oppfinner:**
Asikainen, Pentti, Tamtron Oy Vasakatu 435800, Mänttä,
FI-Finland

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

(54) **Benevnelse:**
Method and system for verification of a measurement
device

(51) **Klasse :** *G01M 11/00 (2006.01)*
G01H 9/00 (2006.01)
G01K 11/32 (2021.01)

(87) **EP Publ.nr:** EP3237874

(86) **EP søkn.nr:** 15828874.6

(86) **EP innl.dag:** 2015.12.23

(87) **EP publ.dag:** 2017.11.01

(80) **EP meddelt :** 2023.01.25

(30) **Prioritet:** 2014.12.23, IT, MI20142244

(86) **Int.inndag :** 2015.12.23

(86) **Int.søknadsnr :** PCT/IB2015/059913

(73) **Innehaver:**
ENI S.p.A., Piazzale Enrico Mattei, 100144 Roma, IT-Italia

(72) **Oppfinner:**
GALTAROSSA, Andrea, Via Tesina 17/B35135 Padova, IT-
Italia
PALMIERI, Luca, Via Lombardia 1035030 Selvazzano
Dentro (PD), IT-Italia
ZAMPATO, Massimo, Via Micca 41/B30030 Salzano, IT-
Italia

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

(54) **Benevnelse:**
REFLECTOMETRIC VIBRATION MEASUREMENT
SYSTEM AND RELATIVE METHOD FOR MONITORING
MULTIPHASE FLOWS

(51) **Klasse :** *G01R 31/14 (2006.01)*
G01R 27/18 (2006.01)
G01R 31/327 (2006.01)
G01R 31/36 (2006.01)
G01R 31/40 (2006.01)
H02J 7/00 (2006.01)

(87) **EP Publ.nr:** EP3919924

(86) **EP søkn.nr:** 20763795.0

(86) **EP innl.dag:** 2020.02.27

(87) **EP publ.dag:** 2021.12.08

(80) **EP meddelt :** 2023.02.22

(30) **Prioritet:** 2019.02.28, CN, 201910148945

(86) **Int.inndag :** 2020.02.27

(86) **Int.søknadsnr :** PCT/CN2020/076876

(73) **Innehaver:**
Contemporary Amperex Technology Co., Limited, 2
Xin'gang Road Zhangwan Town Jiaocheng District Ningde
CityFujian PRC 352100, CN-Kina

(72) **Oppfinner:**
LIU, Chaoyang, No. 2 Xin'gang Road, Zhangwan Town,
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina
GAO, Jinfeng, No. 2 Xin'gang Road, Zhangwan Town,
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina

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

(54) **Benevnelse:**
ENERGY STORAGE SYSTEM AND INSULATION
DETECTION METHOD THEREFOR

(51) **Klasse :** *G01R 31/387 (2019.01)*
G01R 31/367 (2019.01)
G01R 31/382 (2019.01)
G01R 31/3842 (2019.01)
G01R 31/388 (2019.01)

(87) **EP Publ.nr:** EP3796015

(86) **EP søkn.nr:** 20820308.3

(86) **EP innl.dag:** 2020.04.22

(87) **EP publ.dag:** 2021.03.24

(80) **EP meddelt :** 2023.02.15

(30) **Prioritet:** 2019.06.24, CN, 201910547582

(86) **Int.inndag :** 2020.04.22

(86) **Int.søknadsnr :** PCT/CN2020/086198

(73) **Innehaver:**
Contemporary Amperex Technology Co., Limited, No. 2,
Xin'gang Road, Zhangwan TownJiaocheng District Ningde
City, Fujian 352100, CN-Kina

(72) **Oppfinner:**
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Jiaocheng DistrictNingde City, Fujian 352100, CN-Kina
TANG, Shenzhi, No.2 Xin'gang Road Zhangwan Town
Jiaocheng DistrictNingde City, Fujian 352100, CN-Kina
TAN, Li, No.2 Xin'gang Road Zhangwan Town Jiaocheng
DistrictNingde City, Fujian 352100, CN-Kina
LU, Yanhua, No.2 Xin'gang Road Zhangwan Town
Jiaocheng DistrictNingde City, Fujian 352100, CN-Kina
ZHANG, Wei, No.2 Xin'gang Road Zhangwan Town
Jiaocheng DistrictNingde City, Fujian 352100, CN-Kina

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

(54) **Benevnelse:**
STATE-OF-CHARGE CORRECTION METHOD AND
DEVICE

- (51) **Klasse :** *G01S 19/42 (2010.01)*
B63B 21/00 (2006.01)
B63B 21/50 (2006.01)
B63B 35/44 (2006.01)
B63B 79/10 (2020.01)
B63B 79/30 (2020.01)
- (87) **EP Publ.nr:** EP3871011
(86) **EP søkn.nr:** 19910913.3
(86) **EP innl.dag:** 2019.10.21
(87) **EP publ.dag:** 2021.09.01
(80) **EP meddelt :** 2022.12.14
(30) **Prioritet:** 2018.10.22, US, 201862748787 P
(86) **Int.inndag :** 2019.10.21
(86) **Int.søknadsnr :** PCT/IB2019/001462
(73) **Innehaver:**
Technip Energies France, 2126 Boulevard de la Défense
Immeuble Origine-CS 1026692741 Nanterre Cedex, FR-Frankrike
- (72) **Oppfinner:**
TCHERNIGUIN, Nicolas, C/o Technip France 6-8 Allée
l'Arche Faubourg De l'Arche - Zac Danton92400
Courbevoie, FR-Frankrike
SIDARTA, Djoni, Eka, C/o Technip France 6-8 Allée l'Arche
Faubourg De l'Arche - Zac Danton92400 Courbevoie, FR-Frankrike
KYOUNG, Johyun, C/o Technip France 6-8 Allée l'Arche
Faubourg De l'Arche - Zac Danton92400 Courbevoie, FR-Frankrike
LIM, Ho, Joon, C/o Technip France 6-8 Allée l'Arche
Faubourg De l'Arche - Zac Danton92400 Courbevoie, FR-Frankrike
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
MONITORING SYSTEM AND METHOD FOR VESSEL
MOORING WITH POSITION AND YAW, ROLL, AND
PITCH ROTATIONAL MOTION

- (51) **Klasse :** *G01V 1/18 (2006.01)*
G10K 11/00 (2006.01)
- (87) **EP Publ.nr:** EP3650892
(86) **EP søkn.nr:** 18204921.3
(86) **EP innl.dag:** 2018.11.07
(87) **EP publ.dag:** 2020.05.13
(80) **EP meddelt :** 2023.01.04
(73) **Innehaver:**
Damen 40 B.V., Avelingen West 204200 AA Gorinchem,
NL-Nederland
- (72) **Oppfinner:**
Joosten, Wouter, Zuidwal 132512 XS Den Haag, NL-Nederland
Keizer, Tjakko, Nanningh Keyserstraat 94254 EN
Sleeuwijk, NL-Nederland
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
A SYSTEM FOR UNDERWATER SOUND
MEASUREMENT

- (51) **Klasse :** *G01V 1/28 (2006.01)*
G01V 1/30 (2006.01)
G01V 1/36 (2006.01)
- (87) **EP Publ.nr:** EP3189355
(86) **EP søkn.nr:** 15837758.0
(86) **EP innl.dag:** 2015.09.04
(87) **EP publ.dag:** 2017.07.12
(80) **EP meddelt :** 2022.11.30
(30) **Prioritet:** 2014.09.04, US, 201462046026 P
(86) **Int.inndag :** 2015.09.04
(86) **Int.søknadsnr :** PCT/US2015/048456
(73) **Innehaver:**
Schlumberger Technology B.V., Parkstraat 83-89m2514 JG
The Hague, NL-Nederland
- (72) **Oppfinner:**
RICKETT, James E., Schlumberger Cambridge Research
Limited High Cross Madingley RoadCambridge
Cambridgeshire CB3 0EL, GB-Storbritannia
KOSTOV, Clement, 3750 Briar Park DriveHouston, Texas
77042, US-USA
MAKINEN, Anna Marjatta, Schlumberger Cambridge
Research Limited High Cross Madingley RoadCambridge
Cambridgeshire CB3 0EL, GB-Storbritannia
- (74) **Fullmektig:**
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068
STAVANGER, Norge
- (54) **Benevnelse:**
MULTIPLES MITIGATION AND IMAGING WITH
INCOMPLETE SEISMIC DATA

- (51) **Klasse :** *G01V 99/00 (2009.01)*
E21B 41/00 (2006.01)
E21B 49/00 (2006.01)
G06F 30/20 (2020.01)
- (87) **EP Publ.nr:** EP3320450
(86) **EP søkn.nr:** 16821976.4
(86) **EP innl.dag:** 2016.07.07
(87) **EP publ.dag:** 2018.05.16
(80) **EP meddelt :** 2023.02.15
(30) **Prioritet:** 2015.07.08, US, 201562190116 P
(86) **Int.inndag :** 2016.07.07
(86) **Int.søknadsnr :** PCT/US2016/041316
(73) **Innehaver:**
ConocoPhillips Company, 925 N. Eldridge
ParkwayHouston, Texas 77079, US-USA
- (72) **Oppfinner:**
LIU, Yongshe, 600 N. Dairy AshfordHouston, Texas 77079,
US-USA
HU, Lin Ying, 21811 MysticPoint Ct.Katy, Texas 77450,
US-USA
WU, Jianbing, 600 N. Dairy AshfordHouston, Texas 77079,
US-USA
SCHEEPENS, Claude, 600 N. Dairy AshfordHouston,
Texas 77079, US-USA
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
IMPROVED GEOBODY CONTINUITY IN GEOLOGICAL
MODELS BASED ON MULTIPLE POINT STATISTICS

- (51) **Klasse :** *G01V 99/00 (2009.01)*
 (87) **EP Publ.nr.:** EP3938815
 (86) **EP søkn.nr.:** 20717388.1
 (86) **EP innl.dag:** 2020.03.09
 (87) **EP publ.dag:** 2022.01.19
 (80) **EP meddelt :** 2023.01.25
 (30) **Prioritet:** 2019.03.12, US, 201916351233
 (86) **Int.inndag :** 2020.03.09
 (86) **Int.søknadsnr :** PCT/US2020/021671
 (73) **Innehaver:**
 Saudi Arabian Oil Company, 1 Eastern Avenue Dhahran
 31311, SA-Saudi Arabia
- (72) **Oppfinner:**
 MAUCEC, Marko, Saudi Aramco Core Area, Expec
 1Dhahran, 31311, SA-Saudi Arabia
 MEZA CAMARGO, Otto E., Saudi Aramco Core Area,
 Expec II (Bldg. 728A) R-E- EC07, C-A, Floor 5, East
 Wing Dhahran, 31311, SA-Saudi Arabia
 MORIWAWON, Babatunde, Saudi Aramco Core Area,
 Expec 1Dhahran, 31311, SA-Saudi Arabia
 TAIBAN, Ali A., Saudi Aramco P.O. Box 9178 Dhahran,
 31311, SA-Saudi Arabia
- (74) **Fullmektig:**
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
 CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
 METHOD FOR DYNAMIC CALIBRATION AND
 SIMULTANEOUS CLOSED-LOOP INVERSION OF
 SIMULATION MODELS OF FRACTURED RESERVOIRS

- (51) **Klasse :** *G05D 23/19 (2006.01)*
F25D 13/00 (2006.01)
F25D 29/00 (2006.01)
 (87) **EP Publ.nr.:** EP3803534
 (86) **EP søkn.nr.:** 19731097.2
 (86) **EP innl.dag:** 2019.05.30
 (87) **EP publ.dag:** 2021.04.14
 (80) **EP meddelt :** 2023.01.25
 (30) **Prioritet:** 2018.05.30, US, 201815993259
 2019.05.15, US, 201916413309
 (86) **Int.inndag :** 2019.05.30
 (86) **Int.søknadsnr :** PCT/US2019/034746
 (73) **Innehaver:**
 Lineage Logistics, LLC, 1 Park Plaza Suite 550 Irvine,
 California 92614, US-USA
- (72) **Oppfinner:**
 WOOLF, Alexander James, 30 Abbey St. San Francisco,
 California 94114, US-USA
 WOLF, Elliott Gerard, 129 Laidley St. San Francisco,
 California 94111, US-USA
 WINTZ, Daniel Thomas, 899 Pine St. Apt 1809 San
 Francisco, California 94108, US-USA
 TOOTELL, Jesse Scott, 543 Clayton St. San Francisco,
 California 94117, US-USA
 KAYE, Bryan Thomas, 115 W Arrellaga St Apt DSanta
 Barbara, California 93101, US-USA
 CROSSNO, Jesse Dylan, 316 W Anapamu Apt 1 Santa
 Barbara, California 93101, US-USA
 ZHANG, Alexander Ming, 20 Willits St. Daly City, California
 94014, US-USA
 WEST, Gabriel Len, 110 Upper Little River Drive Eatonton,
 Georgia 31024, US-USA
 CRAWFORD, John Richardson, 3804 Lake Point
 Circle Raleigh, North Carolina 27606, US-USA
 FLEWELLING, Tiara Lee, 561 Carpenter St. Northville,
 Michigan 48167, US-USA
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
 THERMAL CONTROL SYSTEM

- (51) **Klasse :** *G06F 21/62 (2013.01)*
H04L 9/40 (2022.01)
H04L 43/50 (2022.01)
H04W 12/00 (2021.01)
 (87) **EP Publ.nr.:** EP3940573
 (86) **EP søkn.nr.:** 21176033.5
 (86) **EP innl.dag:** 2017.03.30
 (87) **EP publ.dag:** 2022.01.19
 (80) **EP meddelt :** 2022.12.21
 (30) **Prioritet:** 2016.04.01, US, 201662317058 P
 2017.03.29, US, 201715473037
- (73) **Innehaver:**
 Doble Engineering Company, 123 Felton
 Street Marlborough, MA 01752, US-USA
- (72) **Oppfinner:**
 ALLISON, Jason, Alexander, Lancaster, 01523, US-USA
- (74) **Fullmektig:**
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
 A SECURED METHOD FOR TESTING AND
 MAINTENANCE OF BULK ELECTRICAL SYSTEMS (BES)
 ASSETS

- (51) **Klasse :** *H01L 51/46 (2006.01)*
 (87) **EP Publ.nr.:** EP3482426
 (86) **EP søkn.nr.:** 17732119.7
 (86) **EP innl.dag:** 2017.06.22
 (87) **EP publ.dag:** 2019.05.15
 (80) **EP meddelt :** 2022.11.30
 (30) **Prioritet:** 2016.07.11, NO, 20161150
 (86) **Int.inndag :** 2017.06.22
 (86) **Int.søknadsnr :** PCT/EP2017/065449
 (73) **Innehaver:**
 Institutt for Energiteknikk, Instituttveien 182007
 Kjeller Norge
 Universidad Complutense De Madrid, Avda. de Séneca
 228040 Madrid, ES-Spania
- (72) **Oppfinner:**
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 Complutense de Madrid Avda de Séneca 228040 Madrid,
 ES-Spania
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 Kjeller Norge
 MAESTRE VAREA, David, c/o Universidad Complutense
 de Madrid Avda de Séneca 228040 Madrid, ES-Spania
 STENSRUD MARSTEIN, Erik, Tærudstien 102020
 Skedsmokorset Norge
 VASQUEZ VILLANUEVA, Geraldo Cristian, c/o
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 228040 Madrid, ES-Spania
 HAUG, Halvard, c/o IFE Instituttveien 182027 Kjeller Norge
 PIQUERAS DE NORIEGA, Javier, c/o Universidad
 Complutense de Madrid Avda de Séneca 228040 Madrid,
 ES-Spania
 GONSALEZ CLABET, Jose Maria, c/o Universidad
 Complutense de Madrid Avda de Séneca 228040 Madrid,
 ES-Spania
 RAMIREZ CASTELLANO, Julio, c/o Universidad
 Complutense de Madrid Avda de Séneca 228040 Madrid,
 ES-Spania
 TAENO GONZALEZ, Maria, c/o Universidad Complutense
 de Madrid Avda de Séneca 228040 Madrid, ES-Spania
 GARCIA TECEDOR, Miguel, c/o Universidad Complutense
 de Madrid Avda de Séneca 228040 Madrid, ES-Spania
 KARAZHANOV, Smagul, c/o IFE Instituttveien 182027
 Kjeller Norge
- (74) **Fullmektig:**
 DEHNS NORDIC AS, Gaustadalléen 21, 0349 OSLO,
 Norge
- (54) **Benevnelse:**
 ORGANIC-INORGANIC HYBRID MATERIAL AND
 METHOD FOR SILICON SURFACE PASSIVATION

(51) **Klasse :** *H01M 50/209 (2021.01)*
 (87) **EP Publ.nr:** EP3886198
 (86) **EP søkn.nr:** 19901900.1
 (86) **EP innl.dag:** 2019.04.15
 (87) **EP publ.dag:** 2021.09.29
 (80) **EP meddelt :** 2023.02.15
 (30) **Prioritet:** 2018.12.27, CN, 201811613811
 (86) **Int.inndag :** 2019.04.15
 (86) **Int.søknadsnr :** PCT/CN2019/082662
 (73) **Innehaver:**
 Contemporary Amperex Technology Co., Limited, 2
 Xingang Road, Zhangwan Town Jiaocheng District Ningde,
 Fujian 352100, CN-Kina
 (72) **Oppfinner:**
 HUANG, Haihua, No. 2 Xin'Gang Road, ZhangwanTown,
 JiaochengDistrict Ningde, Fujian 352100, CN-Kina
 SHI, Weigang, No. 2 Xin'Gang Road, ZhangwanTown,
 JiaochengDistrict Ningde, Fujian 352100, CN-Kina
 (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
 (54) **Benevnelse:**
 BATTERY BOX

(51) **Klasse :** *H01T 2/02 (2006.01)*
H01T 4/06 (2006.01)
H01T 4/10 (2006.01)
H01T 4/14 (2006.01)
 (87) **EP Publ.nr:** EP2987212
 (86) **EP søkn.nr:** 14708419.8
 (86) **EP innl.dag:** 2014.02.19
 (87) **EP publ.dag:** 2016.02.24
 (80) **EP meddelt :** 2022.12.07
 (30) **Prioritet:** 2013.02.20, US, 201313767143
 2013.04.30, US, 201313817762
 2013.09.20, US, 201313880345
 (86) **Int.inndag :** 2014.02.19
 (86) **Int.søknadsnr :** PCT/US2014/017161
 (73) **Innehaver:**
 TechHold, LLC, 4301 Hwy 7, Suite 140 Minneapolis MN
 55416, US-USA
 (72) **Oppfinner:**
 FUCHS, Greg, 108 South 5th Street River Falls, WI 54022,
 US-USA
 ANDERSON, George, 11412 Mississippi Drive N. Champlin,
 MN 55316, US-USA
 VOLNA, Bill, 3501 Coolidge Street, NeSt. Anthony Village,
 MN 55418, US-USA
 NORDLING, Gale, 20625 Linwood Avenue Excelsior, MN
 55331, US-USA
 JENSEN, Wallace, 6985 Eagle Trail Centerville, MN 55038,
 US-USA
 JACKSON, David B., 20650 Woodhaven Place Excelsior,
 MN 55331, US-USA
 FAXVOG, Frederick R., 1220 Oakview Road Long Lake,
 MN 55356, US-USA
 RUEHL, James Nicholas, 5630 Marsch Pointe
 Drive Excelsior, MN 55331, US-USA
 (74) **Fullmektig:**
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
 (54) **Benevnelse:**
 OVERVOLTAGE PROTECTION FOR POWER SYSTEMS

(51) **Klasse :** *H02H 3/04 (2006.01)*
G01R 31/52 (2020.01)
H02H 3/16 (2006.01)
H02H 3/44 (2006.01)
H02H 7/26 (2006.01)
H02J 1/06 (2006.01)
G01R 31/08 (2006.01)
 (87) **EP Publ.nr:** EP3713030
 (86) **EP søkn.nr:** 19163396.5
 (86) **EP innl.dag:** 2019.03.18
 (87) **EP publ.dag:** 2020.09.23
 (80) **EP meddelt :** 2022.11.23
 (73) **Innehaver:**
 Siemens Aktiengesellschaft, Werner-von-Siemens-Straße
 180333 München, DE-Tyskland
 (72) **Oppfinner:**
 Schierling, Hubert, Pommernstr. 18 G91052 Erlangen, DE-
 Tyskland
 Weis, Benno, Amselstraße 891334 Hemhofen, DE-
 Tyskland
 (74) **Fullmektig:**
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
 (54) **Benevnelse:**
 LOCATING AN EARTH FAULT IN A DC NETWORK WITH
 MULTIPLE LOAD ZONES

(51) **Klasse :** *H02J 1/14 (2006.01)*
H02J 3/36 (2006.01)
 (87) **EP Publ.nr:** EP3815208
 (86) **EP søkn.nr:** 18769079.7
 (86) **EP innl.dag:** 2018.08.30
 (87) **EP publ.dag:** 2021.05.05
 (80) **EP meddelt :** 2022.12.14
 (86) **Int.inndag :** 2018.08.30
 (86) **Int.søknadsnr :** PCT/EP2018/073388
 (73) **Innehaver:**
 Siemens Energy Global GmbH & Co. KG, Otto-Hahn-Ring
 681739 München, DE-Tyskland
 (72) **Oppfinner:**
 SCHÖN, Andre, Jenaer Strasse 7191058 Erlangen, DE-
 Tyskland
 BAKRAN, Mark-Matthias, Josef-Felder-Strasse 6691052
 Erlangen, DE-Tyskland
 HOFMANN, Viktor, Nürnberger Strasse 6b95448 Bayreuth,
 DE-Tyskland
 (74) **Fullmektig:**
 Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300
 KØBENHAVN S, Danmark
 (54) **Benevnelse:**
 SWITCHABLE LONGITUDINAL VOLTAGE SOURCE, DC
 TRANSMISSION SYSTEM WITH LONGITUDINAL
 VOLTAGE SOURCE, AND METHOD FOR OPERATING A
 LONGITUDINAL VOLTAGE SOURCE

- (51) **Klasse :** *H02M 7/483 (2007.01)*
 (87) **EP Publ.nr.:** EP2801149
 (86) **EP søkn.nr.:** 13703339.5
 (86) **EP innl.dag:** 2013.01.22
 (87) **EP publ.dag:** 2014.11.12
 (80) **EP meddelt :** 2022.11.30
 (30) **Prioritet:** 2012.02.14, DE, 102012202173
 (86) **Int.inndag :** 2013.01.22
 (86) **Int.søknadsnr :** PCT/EP2013/051081
 (73) **Innehaver:**
 Siemens Aktiengesellschaft, Werner-von-Siemens-Straße
 180333 München, DE-Tyskland
- (72) **Oppfinner:**
 BÄRNKLAU, Hans, Bonhoefferplatz 1501159 Dresden, DE-Tyskland
 ROHNER, Steffen, Lindenstr. 968309 Mannheim, DE-Tyskland
 GENSIOR, Albrecht, Ludwig-Hartmann-Str. 2101277 Dresden, DE-Tyskland
 BERNET, Steffen, Talblick 2101454 Radeberg (OT Ullersdorf), DE-Tyskland
- (74) **Fullmektig:**
 ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**
 METHOD FOR OPERATING A MULTI-PHASE MODULAR MULTI-LEVEL POWER CONVERTER

- (51) **Klasse :** *H04L 9/40 (2022.01)*
B05D 3/00 (2006.01)
B42D 25/36 (2014.01)
B42D 25/369 (2014.01)
G06F 21/36 (2013.01)
G06K 19/06 (2006.01)
G06K 19/12 (2006.01)
G06Q 20/32 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
G07F 7/12 (2006.01)
H04L 9/32 (2006.01)
H04W 12/06 (2021.01)
H04W 12/77 (2021.01)
- (87) **EP Publ.nr.:** EP3932099
 (86) **EP søkn.nr.:** 20702861.4
 (86) **EP innl.dag:** 2020.02.10
 (87) **EP publ.dag:** 2022.01.05
 (80) **EP meddelt :** 2023.01.25
 (30) **Prioritet:** 2019.02.28, EP, 19160137
 (86) **Int.inndag :** 2020.02.10
 (86) **Int.søknadsnr :** PCT/EP2020/053354
 (73) **Innehaver:**
 SICPA HOLDING SA, Avenue de Florissant 411008 Prilly, CH-Sveits
- (72) **Oppfinner:**
 DORIER, Jean-Luc, Chemin de Cocagne 101030 Bussigny, CH-Sveits
 DINOEV, Todor, Route de la Maladière 41022 Chavannes-près-Renens, CH-Sveits
 LOGINOV, Evgeny, Avenue du Château 111020 Renens, CH-Sveits
 FANKHAUSER, Catherine, Chemin de la Cure 61272 Genolier, CH-Sveits
 NICOLOV, Kalin, PO Box 11061260 Nyon, CH-Sveits
 SUICHIES, Bart, Chemin des Oscches 521806 St Legier - La -Chiesaz, CH-Sveits
 DESPLAND, Claude-Alain, Chemin de Prael 11b1030 Bussigny, CH-Sveits
 CALLEGARI, Andrea, Rue de Bassenges 47b1024 Ecublens, CH-Sveits
- (74) **Fullmektig:**
 Fenix Legal KB, Östermalmstorg 1, 3 tr., 11442 STOCKHOLM, Sverige
- (54) **Benevnelse:**
 VERIFIABLE ACCESS CREDENTIAL

- (51) **Klasse :** *H04L 41/082 (2022.01)*
H04L 41/5051 (2022.01)
H04W 88/08 (2009.01)
H04W 92/04 (2009.01)
- (87) **EP Publ.nr.:** EP3761565
 (86) **EP søkn.nr.:** 20183090.8
 (86) **EP innl.dag:** 2020.06.30
 (87) **EP publ.dag:** 2021.01.06
 (80) **EP meddelt :** 2022.12.28
 (30) **Prioritet:** 2019.07.04, FI, 20195612
 (73) **Innehaver:**
 Telia Company AB, Stjärntorget 1169 94 Solna, SE-Sverige
- (72) **Oppfinner:**
 JALKANEN, Tero, Kalliopohjantie 8 B 304300 TUUSULA, FI-Finland
 SARAJISTO, Tomi, Erik Spåren tie 5d 1600790 HELSINKI, FI-Finland
- (74) **Fullmektig:**
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
 UPDATE OF A NETWORK DEVICE IN A MOBILE COMMUNICATION NETWORK

- (51) **Klasse :** *H04N 7/015 (2006.01)*
G09G 5/00 (2006.01)
G09G 5/36 (2006.01)
G09G 5/391 (2006.01)
G09G 5/397 (2006.01)
H04N 7/08 (2006.01)
H04N 21/2343 (2011.01)
H04N 21/2365 (2011.01)
- (87) **EP Publ.nr.:** EP3284251
 (86) **EP søkn.nr.:** 16717692.4
 (86) **EP innl.dag:** 2016.04.14
 (87) **EP publ.dag:** 2018.02.21
 (80) **EP meddelt :** 2022.12.28
 (30) **Prioritet:** 2015.04.14, GB, 201506328
 2015.10.02, GB, 201517475
- (86) **Int.inndag :** 2016.04.14
 (86) **Int.søknadsnr :** PCT/GB2016/051048
 (73) **Innehaver:**
 Disguise Technologies Limited, Unit D, 127 Great Suffolk Street London Greater London SE1 1PP, GB-Storbritannia
- (72) **Oppfinner:**
 NEHRU, Ashraf, c/o D3 Technologies Limited Unit D, 127 Great Suffolk Street London, Greater London SE1 1PP, GB-Storbritannia
- (74) **Fullmektig:**
 Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**
 A SYSTEM AND METHOD FOR HANDLING VIDEO DATA

- (51) **Klasse :** *H04R 1/44 (2006.01)*
B06B 1/06 (2006.01)
G01V 1/18 (2006.01)
- (87) **EP Publ.nr:** EP3935869
(86) **EP søkn.nr:** 20708053.2
(86) **EP innl.dag:** 2020.02.25
(87) **EP publ.dag:** 2022.01.12
(80) **EP meddelt :** 2023.01.18
(30) **Prioritet:** 2019.03.04, DE, 102019202889
(86) **Int.inndag :** 2020.02.25
(86) **Int.søknadsnr :** PCT/EP2020/054824
(73) **Innehaver:**
ATLAS ELEKTRONIK GmbH, Sebaldsbrücker Heerstraße
23528309 Bremen, DE-Tyskland
thyssenkrupp AG, ThyssenKrupp Allee 145143 Essen, DE-
Tyskland
- (72) **Oppfinner:**
HADLER, Christoph, Gliesmaroder Str. 12438106
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VAN HEIJST, Jeroen, Julius-Leber-Strasse 47 b26129
Oldenburg, DE-Tyskland
SCHWARZ, Jan-Philip, Bürgermeister-Spitta-Allee 7k28329
Bremen, DE-Tyskland
- (74) **Fullmektig:**
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**
ADHESION PROMOTER FOR PIEZO ELECTRIC
HYDROPHONE
-

- (51) **Klasse :** *H04W 4/90 (2018.01)*
H04W 76/50 (2018.01)
H04M 1/725 (2021.01)
H04W 4/12 (2009.01)
H04W 4/14 (2009.01)
H04W 4/70 (2018.01)
H04W 84/04 (2009.01)
- (87) **EP Publ.nr:** EP3700240
(86) **EP søkn.nr:** 19157986.1
(86) **EP innl.dag:** 2019.02.19
(87) **EP publ.dag:** 2020.08.26
(80) **EP meddelt :** 2022.12.21
(73) **Innehaver:**
Telia Company AB, Stjärntorget 1169 94 Solna, SE-Sverige
- (72) **Oppfinner:**
JALKANEN, Tero, Kalliopohjantie 8 B 304300 Tuusula, FI-
Finland
SARAJISTO, Tomi, Erik Spären tie 5d 1600790 Helsinki,
FI-Finland
- (74) **Fullmektig:**
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**
NON-IP EMERGENCY MESSAGING
-

Endrede europeiske patenter (b2) med virkning i Norge

- (51) **Klasse :** *H04R 1/10 (2006.01)*
H04R 1/02 (2006.01)
- (87) **EP Publ.nr.:** EP2816815
- (86) **EP søkn.nr.:** 14184719.4
- (86) **EP innl.dag:** 2011.08.15
- (87) **EP publ.dag:** 2014.12.24
- (80) **EP meddelt :** 2017.06.14
- (30) **Prioritet:** 2010.08.16, US, 374107 P
2010.08.20, US, 860531
- (73) **Innehaver:**
Bose Corporation, The Mountain MS 40Framingham, MA
01701-9168, US-USA
- (72) **Oppfinner:**
Silvestri, Ryan C., c/o BOSE CORPORATION, The
Mountain, MS 40Framingham, MA Massachusetts 01701-
9168, US-USA
Wallace, Eric M., c/o BOSE CORPORATION, The
Mountain, MS 40Framingham, MA Massachusetts 01701-
9168, US-USA
Annunziato, Kevin P., c/o BOSE CORPORATION, The
Mountain, MS 40Framingham, MA Massachusetts 01701-
9168, US-USA
Collier, Ian M., c/o BOSE CORPORATION, The Mountain,
MS 40Framingham, MA Massachusetts 01701-9168, US-
USA
Monahan, Michael, c/o BOSE CORPORATION, The
Mountain, MS 40Framingham, MA Massachusetts 01701-
9168, US-USA
- (74) **Fullmektig:**
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**
Earphone
-

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/EP2986265
(21) **Søknadsnr:** EP2986265
(73) **Innehaver:** MWT IP Holder, LLC, 644 S. Geary Street, PA15666 MT. PLEASANT, USA
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret: 2023.03.23

(11) **Patent nr.:** NO/EP3220741
(21) **Søknadsnr:** EP3220741
(73) **Innehaver:** Rochal Technologies LLC, 1200 Summit Avenue, Suite 414, TX76102 FORT WORTH, USA
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2023.03.16

(11) **Patent nr.:** NO/EP3193840
(21) **Søknadsnr:** EP3193840
(73) **Innehaver:** KemPharm Denmark A/S, Ole Maaløes Vej 3, 2200 KØBENHAVN N, Danmark
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
Melding innkommet patentstyret: 2023.03.29

(11) **Patent nr.:** NO/EP2646044
(21) **Søknadsnr:** EP2646044
(73) **Innehaver:** KemPharm Denmark A/S, Ole Maaløes Vej 3, 2200 KØBENHAVN N, Danmark
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
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(11) **Patent nr.:** NO/EP3448382
(21) **Søknadsnr:** EP3448382
(73) **Innehaver:** KemPharm Denmark A/S, Ole Maaløes Vej 3, 2200 KØBENHAVN N, Danmark
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
Melding innkommet patentstyret: 2023.03.29

(11) **Patent nr.:** NO/EP2484371
(21) **Søknadsnr:** EP2484371
(73) **Innehaver:** Orphazyme A/S, c/o COBIS A/S, Ole Maaløes Vej 3, 2200 KØBENHAVN N, Danmark
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(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
Melding innkommet patentstyret: 2023.03.29

(11) **Patent nr.:** NO/EP2618842
(21) **Søknadsnr:** EP2618842
(73) **Innehaver:** ENA Respiratory Pty Ltd, Suite 205, 1 York Street, NSW2000 SYDNEY, Australia

(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2023.03.31

(11) **Patent nr.:** NO/EP3052140
(21) **Søknadsnr:** EP3052140
(73) **Innehaver:** Rochal Technologies LLC, 1200 Summit Avenue, Suite 414, TX76102 FORT WORTH, USA

(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2023.03.16

(11) **Patent nr.:** 330577
(21) **Søknadsnr:** 20072398
(73) **Innehaver:** SAND & DEBRI CLEANUP AS, Postboks 419, 5343 STRAUME, Norge

(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** NO/EP2153024
(21) **Søknadsnr:** EP2153024
(73) **Innehaver:** SAND & DEBRI CLEANUP AS, Postboks 419, 5343 STRAUME, Norge

(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** 342830
(21) **Søknadsnr:** 20161925
(73) **Innehaver:** APL Norway AS, Vikaveien 85, 4816 KOLBJØRNSVIK, Norge

(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
Melding innkommet patentstyret: 2023.03.28

(11) **Patent nr.:** 339107
(21) **Søknadsnr:** 20083377
(73) **Innehaver:** IQIP Holding B.V., Molendijk 94, 3361EP SLIEDRECHT, Nederland

(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
Melding innkommet patentstyret: 2023.03.28

(11) **Patent nr.:** NO/EP3533787
(21) **Søknadsnr:** EP3533787
(73) **Innehaver:** FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD., 2F, Comprehensive Office Building, Building 1-7, Fuyuan Industrial Zone, 355300 ZHERONG COUNTY NINGDE, FUJIAN, Kina

(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** NO/EP3572412
(21) **Søknadsnr:** EP3572412
(73) **Innehaver:** FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD., 2F, Comprehensive Office Building, Building 1-7, Fuyuan Industrial Zone, 355300 ZHERONG COUNTY NINGDE, FUJIAN, Kina

Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** NO/EP3587420
(21) **Søknadsnr:** EP3587420
(73) **Innehaver:** FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD., 2F, Comprehensive Office Building, Building 1-7, Fuyuan Industrial Zone, 355300 ZHERONG COUNTY NINGDE, FUJIAN, Kina

Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** NO/EP3590942
(21) **Søknadsnr:** EP3590942
(73) **Innehaver:** FUJIAN AKEYLINK BIOTECHNOLOGY CO., LTD., 2F, Comprehensive Office Building, Building 1-7, Fuyuan Industrial Zone, 355300 ZHERONG COUNTY NINGDE, FUJIAN, Kina

(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** NO/EP3126381
(21) **Søknadsnr:** EP3126381
(73) **Innehaver:** Astellas Pharma Inc., 5-1, Nihonbashi-Honcho 2-chome, Chuo-ku, 103-8411 TOKYO, Japan
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Melding innkommet patentstyret: 2023.03.27

(11) **Patent nr.:** NO/EP3514172
(21) **Søknadsnr:** EP3514172
(73) **Innehaver:** Astellas Pharma Inc., 5-1, Nihonbashi-Honcho 2-chome, Chuo-ku, 103-8411 TOKYO, Japan
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(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
Melding innkommet patentstyret: 2023.03.27

(11) **Patent nr.:** NO/EP3191513
(21) **Søknadsnr:** EP3191513
(73) **Innehaver:** Cephalon LLC, 145 Brandywine Parkway, PA19380 WEST CHESTER, USA

(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
Melding innkommet patentstyret: 2023.03.29

(11) **Patent nr.:** NO/EP2764065
(21) **Søknadsnr:** EP2764065
(73) **Innehaver:** Rochal Technologies LLC, 1200 Summit Avenue, Suite 414, TX76102 FORT WORTH, USA

(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
Melding innkommet patentstyret: 2023.03.16

(11) **Patent nr.:** NO/EP2288255
(21) **Søknadsnr:** EP2288255
(73) **Innehaver:** VD V R&D BV, Industrieweg 24, 2280 GROBBENDONK, Belgia

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Melding innkommet patentstyret: 2023.03.30

(11) **Patent nr.:** 341536
(21) **Søknadsnr:** 20160308
(73) **Innehaver:** APL Norway AS, Vikaveien 85, 4816
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(74) **Fullmektig:**
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2023.03.28

(11) **Patent nr.:** NO/EP2588996
(21) **Søknadsnr:** EP2588996
(73) **Innehaver:** Fase S.r.l., Piazzale Lodi 3, 20137
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Melding innkommet patentstyret:
2023.03.30

Trukne, avslåtte og henlagte søknader som er allment tilgjengelige

- (21) **Søknadsnr:** 20151631
- (21) **Søknadsnr:** 20180946
- (21) **Søknadsnr:** 20200873
- (21) **Søknadsnr:** 20210498

Utløpte patenter

For følgende patenter er patenttiden utløpt.

(11) Patentnr: 329577	(11) Patentnr: 328960
(11) Patentnr: 337477	(11) Patentnr: 332383
(11) Patentnr: 335068	(11) Patentnr: 330394
(11) Patentnr: 326876	(11) Patentnr: 332209
(11) Patentnr: 328712	(11) Patentnr: 2020019
(11) Patentnr: 334915	(11) Patentnr: 344427
(11) Patentnr: 334407	(11) Patentnr: 326670
(11) Patentnr: 340395	(11) Patentnr: 334834
(11) Patentnr: 333504	(11) Patentnr: 339178
(11) Patentnr: 334803	(11) Patentnr: 338748
(11) Patentnr: 346754	(11) Patentnr: 338861
(11) Patentnr: 332525	(11) Patentnr: 330431
(11) Patentnr: 326918	(11) Patentnr: 336590
(11) Patentnr: 345056	(11) Patentnr: 336648
(11) Patentnr: 333430	(11) Patentnr: 336647
(11) Patentnr: 336226	(11) Patentnr: 336649
(11) Patentnr: 328450	(11) Patentnr: 317774
(11) Patentnr: 318771	(11) Patentnr: 327907
(11) Patentnr: 319645	(11) Patentnr: 334824
(11) Patentnr: 331909	(11) Patentnr: 318363
(11) Patentnr: 334208	(11) Patentnr: 327136
(11) Patentnr: 329531	(11) Patentnr: 320287
(11) Patentnr: 330321	(11) Patentnr: 320013
(11) Patentnr: 340841	(11) Patentnr: 325068
(11) Patentnr: 338625	(11) Patentnr: 319798
(11) Patentnr: 320612	(11) Patentnr: 333535
(11) Patentnr: 336175	(11) Patentnr: 339342
(11) Patentnr: 330074	(11) Patentnr: 323119
(11) Patentnr: 333800	(11) Patentnr: 325892

- (11) Patentnr: 335670
- (11) Patentnr: 324735
- (11) Patentnr: 337101
- (11) Patentnr: 334482
- (11) Patentnr: 334534
- (11) Patentnr: 320663
- (11) Patentnr: 324222
- (11) Patentnr: 335569
- (11) Patentnr: 335459
- (11) Patentnr: 329289
- (11) Patentnr: 336425
- (11) Patentnr: 328029
- (11) Patentnr: 339864
- (11) Patentnr: 340721

Meddelte supplerende beskyttelsessertifikater for legemidler (spc)

Kunngjøring etter patentforskriften § 85 (meddelte sertifikater).

(21)	Søknadsnr:	2021052
(22)	Inng.dag:	2021.12.16
(22)	Inng.dag basispatent:	2005.08.25
(11)	Basispatent nr:	331981
(24)	Løpedag:	2004.01.28
(73)	Innehaver:	Takeda Pharmaceutical Company Limited
(74)	Fullmektig:	BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
(95)	Produkt:	relugolix or a salt thereof
(94)	Gyldig t.om:	2029.01.28
(92)	NO markedsførings- tillatelse nr:	EU/1/21/1565
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(54)	Benevnelse:	Tienopyrimidin forbindelser, deres anvendelse samt farmasøytisk middel

Endring i fullmaktsforhold

(11) **Patentnr:** 345578
(21) **Søknadsnr:** 20190363
(73) **Innehaver:**
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Melding innkommet patentstyret:
2023.03.30

(11) **Patentnr:** 346066
(21) **Søknadsnr:** 20190310
(73) **Innehaver:**
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Melding innkommet patentstyret:
2023.03.30

(11) **Patentnr:** NO/EP2588996
(21) **Søknadsnr:** EP2588996
(73) **Innehaver:**
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Melding innkommet patentstyret:
2023.03.30

(11) **Patentnr:** NO/EP2646044
(21) **Søknadsnr:** EP2646044
(73) **Innehaver:**
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(11) **Patentnr:** NO/EP3193840
(21) **Søknadsnr:** EP3193840
(73) **Innehaver:**
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Melding innkommet patentstyret:
2023.03.29

(11) **Patentnr:** NO/EP3448382
(21) **Søknadsnr:** EP3448382
(73) **Innehaver:**
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(74) **Fullmektig:**
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