

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

**BESØKSADRESSE**

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## Innholdsfortegnelse og inid-koder:

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### INID-koder

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

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

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

## Meddelelse til søker/innehaver med ukjent adresse

Meddelelse til innehaver av patent nr. 343714, Oddbjørn Johnny Svendsen.  
Det foreligger avgjørelse om opphør på grunn av ikke betalt årsavgift i patent nr. 343714.  
Avgjørelsen kan fås hos Patentstyret.

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## Allment tilgjengelige patentsøknader (a)

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

(51) **Klasse:** *C09K 8/528 (2006.01)*  
*E21B 43/10 (2006.01)*

(21) **Søknadsnr:** 20240068

(22) **Inndag:** 2024.01.25

(41) **Allm.tilgj:** 2024.01.25

(30) **Prioritet:** 2021.07.29, US, 63/227,081  
2021.10.26, US, 17/510,721

(86) **Int.inndag:** 2022.07.19

(86) **Int.søknadsnr:** PCT/US2022/037543

(24) **Løpedag:** 2022.07.19

(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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Ajay Kumar Venkata ADDAGALLA, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
FLUID SYSTEMS FOR EXPANDING SHAPE MEMORY POLYMERS AND REMOVING FILTER CAKES

Krav på norsk er innkommet 2024.01.25.

(51) **Klasse:** *E21B 21/10 (2006.01)*

(21) **Søknadsnr:** 20240027

(22) **Inndag:** 2024.01.10

(41) **Allm.tilgj:** 2024.01.10

(30) **Prioritet:** 2021.09.17, US, 63/245,627  
2021.11.19, US, 17/530,661

(86) **Int.inndag:** 2022.05.24

(86) **Int.søknadsnr:** PCT/US2022/030659

(24) **Løpedag:** 2022.05.24

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

(74) **Fullmektig:**  
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MAITHRI MUDDASANI, 14524 HEATHROW FORREST PKWY, TX77032 HOUSTON, USA (US)  
SAUL EMMANUEL VAZQUEZ NIEBLA, 14524 HEATHROW FORREST PKWY, TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**  
DIFFERENTIAL FILL VALVE WITH COLLET SLEEVE

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

(21) **Søknadsnr:** 20240036

(22) **Inndag:** 2024.01.11

(41) **Allm.tilgj:** 2024.01.11

(30) **Prioritet:** 2021.10.29, US, 17/514,217

(86) **Int.inndag:** 2021.10.29

(86) **Int.søknadsnr:** PCT/US2021/057270

(24) **Løpedag:** 2021.10.29

(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:**  
SIMON WHYE KWONG WAI, 3000 N. SAM HOUSTON PARKWAY E., TX77032 HOUSTON, USA (US)

(54) **Benevnelse:**  
DOWNHOLE TRACTOR WITH WHEEL ASSEMBLY

(51) **Klasse:** *E21B 23/04 (2006.01)*  
*E21B 43/08 (2006.01)*  
*F03G 7/06 (2006.01)*

(21) **Søknadsnr:** 20240059

(22) **Inndag:** 2024.01.23

(41) **Allm.tilgj:** 2024.01.23

(30) **Prioritet:** 2021.07.23, US, 17/384,088

(86) **Int.inndag:** 2022.07.18

(86) **Int.søknadsnr:** PCT/US2022/073844

(24) **Løpedag:** 2022.07.18

(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:**  
Matthew Stone, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
EXPANDABLE ELEMENT CONFIGURATION, METHOD AND SYSTEM

Krav på norsk er innkommet 2024.01.23.

- (51) **Klasse:** *E21B 29/10 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 43/10 (2006.01)*
- (21) **Søknadsnr:** 20240001
- (22) **Inndag:** 2024.01.02
- (41) **Allm.tilgj:** 2024.01.02
- (30) **Prioritet:** 2021.06.11, US, 63/209,596
- (86) **Int.inndag:** 2022.06.10
- (86) **Int.søknadsnr:** PCT/US2022/033073
- (24) **Løpedag:** 2022.06.10
- (71) **Søker:**  
 Eventure Global Technology Inc., 1311 Broadfield Blvd.,  
 Suite 200, TX 77084 HOUSTON, USA (US)
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
 Matthew Meiners, 31231 Lockshire Valley Lane, TX77386  
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 HOUSTON, USA (US)  
 Roy Baker, 7 Hilltop Avenue, AB326PH WESTHILL  
 CENTRAL SCOTLAND, Storbritannia (GB)
- (54) **Benevnelse:**  
 SYSTEM TO SEAL AN EXPANDABLE TUBULAR  
 ACROSS SECTIONS HAVING DIFFERENT DIAMETERS

- (51) **Klasse:** *E21B 33/035 (2006.01)*
- (21) **Søknadsnr:** 20240029
- (22) **Inndag:** 2024.01.11
- (41) **Allm.tilgj:** 2024.01.11
- (30) **Prioritet:** 2021.06.16, NO, 20210780  
 2022.02.25, NO, 20220252
- (86) **Int.inndag:** 2022.06.15
- (86) **Int.søknadsnr:** PCT/NO2022/050135
- (24) **Løpedag:** 2022.06.15
- (71) **Søker:**  
 AKER SOLUTIONS SUBSEA AS, Oksenøyveien 8, 1366  
 LYSAKER
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
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 Brynjulf Spalder, Villaveien 20 H, 1385 ASKER  
 Rolf Barfod Schüller, Tranga 7, 1440 DRØBAK  
 Martin Pedersen, Lilloe-Olsens vei 17 B, 0489 OSLO  
 Martin Helgen, Trulsrudskogen 100, 1350 LOMMEDALEN  
 Christopher KNUDTZON, Tyribakken 5, 0282 OSLO  
 Javier Rodriguez GARCIA, Helga Vaneks vei 1K, 1281  
 OSLO  
 Johan WESMANN, Haugane 64, 3409 TRANBY
- (54) **Benevnelse:**  
 SUBSEA PETROLEUM WELLHEAD SYSTEMS AND  
 METHODS

- (51) **Klasse:** *E21B 33/038 (2006.01)*
- (21) **Søknadsnr:** 20240002
- (22) **Inndag:** 2024.01.02
- (41) **Allm.tilgj:** 2024.01.02
- (30) **Prioritet:** 2021.06.24, US, 17/357,063
- (86) **Int.inndag:** 2022.06.17
- (86) **Int.søknadsnr:** PCT/US2022/073029
- (24) **Løpedag:** 2022.06.17
- (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:**  
 Christopher HERN, 17021 Aldine Westfield, TX77073  
 HOUSTON, USA (US)
- (54) **Benevnelse:**  
 WET CONNECT POCKET WASHOUT, METHOD, AND  
 SYSTEM

Krav på norsk er innkommet 2024.01.02.

- (51) **Klasse:** *E21B 33/124 (2006.01)*
- (21) **Søknadsnr:** 20240009
- (22) **Inndag:** 2024.01.03
- (41) **Allm.tilgj:** 2024.01.03
- (30) **Prioritet:** 2021.06.18, US, 17/351,551
- (86) **Int.inndag:** 2022.06.16
- (86) **Int.søknadsnr:** PCT/US2022/033716
- (24) **Løpedag:** 2022.06.16
- (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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 Vikram UNNIKRISHNAN, 17021 Aldine Westfield,  
 TX77073 HOUSTON, USA (US)  
 Matthew SOLFRONK, 17021 Aldine Westfield, TX77073  
 HOUSTON, USA (US)
- (54) **Benevnelse:**  
 SYSTEM AND METHOD FOR PERFORMING A  
 STRADDLE FRAC OPERATION

Krav på norsk er innkommet 2024.01.03.

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 34/10 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 29/00 (2006.01)*
- (21) **Søknadsnr:** 20230797
- (22) **Inndag:** 2023.07.18
- (41) **Allm.tilgj:** 2024.02.12
- (30) **Prioritet:** 2022.08.09, US, 17/883,723
- (24) **Løpedag:** 2023.07.18
- (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

- (51) **Klasse:** *E21B 47/01 (2006.01)*  
*H04R 1/44 (2006.01)*  
*G01V 1/40 (2006.01)*
- (21) **Søknadsnr:** 20240058  
(22) **Inndag:** 2024.01.23  
(41) **Allm.tilgj:** 2024.01.23  
(30) **Prioritet:** 2021.07.22, US, 63/224,543  
(86) **Int.inndag:** 2022.07.22  
(86) **Int.søknadsnr:** PCT/US2022/038004  
(24) **Løpedag:** 2022.07.22  
(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:**  
Necmi UNSAL, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Tobias COLISTA, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
HIGH TEMPERATURE HIGH PRESSURE ACOUSTIC SENSOR DESIGN AND PACKAGING

Krav på norsk er innkommet 2024.01.23.

- (51) **Klasse:** *E21B 47/107 (2012.01)*  
*G01V 1/40 (2006.01)*  
*G01H 9/00 (2006.01)*  
*G01V 1/52 (2006.01)*  
*G02B 6/02 (2006.01)*  
*G01D 5/353 (2006.01)*  
*G01V 1/22 (2006.01)*
- (21) **Søknadsnr:** 20240061  
(22) **Inndag:** 2024.01.24  
(41) **Allm.tilgj:** 2024.01.24  
(30) **Prioritet:** 2021.07.28, US, 17/386,871  
(86) **Int.inndag:** 2022.07.21  
(86) **Int.søknadsnr:** PCT/US2022/074016  
(24) **Løpedag:** 2022.07.21  
(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:**  
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Dan PROVENZANO, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)  
Zhao LI, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
ENHANCED BACKSCATTER FIBER WITH TAPERING ENHANCEMENT

Krav på norsk er innkommet 2024.01.24.

- (51) **Klasse:** *F04B 43/02 (2006.01)*  
*F04B 43/04 (2006.01)*  
*B63H 1/32 (2006.01)*
- (21) **Søknadsnr:** 20230203  
(22) **Inndag:** 2023.03.01  
(41) **Allm.tilgj:** 2024.02.26  
(24) **Løpedag:** 2023.03.01  
(71) **Søker:**  
Inge Bakke, Haugane 12, 6740 SELJE
- (72) **Oppfinner:**  
Inge Bakke, Haugane 12, 6740 SELJE
- (54) **Benevnelse:**  
Innretning for forflytning av flytende medium

- (51) **Klasse:** *F21S 8/02 (2006.01)*  
*F21V 21/04 (2006.01)*
- (21) **Søknadsnr:** 20220884  
(22) **Inndag:** 2022.08.16  
(41) **Allm.tilgj:** 2024.02.19  
(24) **Løpedag:** 2022.08.16  
(71) **Søker:**  
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- (74) **Fullmektig:**  
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- (72) **Oppfinner:**  
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Michael JØRGENSEN, Kirkeløkken 12 Nr.Søby, 5792 ÅRSLEV, Danmark (DK)
- (54) **Benevnelse:**  
DEVICE AND SYSTEM FOR FIXATION OF RECESSED DOWNLIGHTS

Krav på norsk er innkommet 2024.02.16.

- (51) **Klasse:** *G01V 1/48 (2006.01)*  
*E21B 47/12 (2012.01)*
- (21) **Søknadsnr:** 20240071  
(22) **Inndag:** 2024.01.26  
(41) **Allm.tilgj:** 2024.01.26  
(30) **Prioritet:** 2021.09.07, US, 17/467,744  
(86) **Int.inndag:** 2021.09.07  
(86) **Int.søknadsnr:** PCT/US2021/049213  
(24) **Løpedag:** 2021.09.07  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia
- (72) **Oppfinner:**  
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Denis Schmitt, 3000 N Sam Houston Parkway E, TX77032 HOUSTON, USA (US)
- (54) **Benevnelse:**  
INTERPOLATION METHOD AND SYSTEM TO OBTAIN AZIMUTHAL BOREHOLE SONIC MEASUREMENTS

- (51) **Klasse:** *G01V 1/52 (2006.01)*  
*G01V 1/44 (2006.01)*
- (21) **Søknadsnr:** 20240043  
(22) **Inndag:** 2024.01.16  
(41) **Allm.tilgj:** 2024.01.16  
(30) **Prioritet:** 2021.07.20, US, 63/223,722  
(86) **Int.inndag:** 2022.07.20  
(86) **Int.søknadsnr:** PCT/US2022/037740  
(24) **Løpedag:** 2022.07.20  
(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
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- (72) **Oppfinner:**  
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Anna SWIATEK, Neues Land 41, 29227 CELLE, LOWER SAXONY, Tyskland (DE)  
Theodorus W. GEERITS, Twegte 8 E, 29336 NIENHAGEN, LOWER SAXONY, Tyskland (DE)
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR ACOUSTIC ISOLATORS

Krav på norsk er innkommet 2024.01.16.

- (51) **Klasse:** *G01V 3/32 (2006.01)*  
*G01R 33/44 (2006.01)*
- (21) **Søknadsnr:** 20240006
- (22) **Inndag:** 2024.01.03
- (41) **Allm.tilgj:** 2024.01.03
- (30) **Prioritet:** 2021.06.24, US, 17/356,992
- (86) **Int.inndag:** 2022.06.23
- (86) **Int.søknadsnr:** PCT/US2022/034663
- (24) **Løpedag:** 2022.06.23
- (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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TX77073 HOUSTON, USA (US)  
Stanislav Forgang, 17021 Aldine Westfield, TX77073  
HOUSTON, USA (US)  
Youssef Boulaknadal, 17021 Aldine Westfield, TX77073  
HOUSTON, USA (US)  
Ryan Rocheleau, 17021 Aldine Westfield, TX77073  
HOUSTON, USA (US)
- (54) **Benevnelse:**  
EFFICIENT DAMPED PULSED ENERGY  
TRANSMITTER

Krav på norsk er innkommet 2024.01.03.

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- (51) **Klasse:** *G08B 25/00 (2006.01)*  
*H04L 51/043 (2022.01)*  
*H04L 51/046 (2022.01)*  
*H04L 51/214 (2022.01)*  
*H04W 4/90 (2018.01)*  
*H04L 51/58 (2022.01)*  
*H04M 11/04 (2006.01)*  
*H04M 1/72436 (2021.01)*  
*G08B 25/10 (2006.01)*  
*H04M 3/42 (2006.01)*  
*G08B 19/00 (2006.01)*  
*G08B 27/00 (2006.01)*  
*G08B 23/00 (2006.01)*
- (21) **Søknadsnr:** 20220887
- (22) **Inndag:** 2022.08.17
- (41) **Allm.tilgj:** 2024.02.19
- (24) **Løpedag:** 2022.08.17
- (71) **Søker:**  
FAIR TEKNOLOGI AS, Beverveien 27, 4373 EGERSTUND
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (72) **Oppfinner:**  
Arild Stapnes Johnsen, Beverveien 27, 4373 EGERSTUND  
Surendra Nadkarni, Sleireveien 11, 4317 SANDNES
- (54) **Benevnelse:**  
DEVICE FOR FORWARDING TEXT MESSAGES FROM  
MONITORING SYSTEMS TO USERS, USE AND  
METHOD OF INSTALLATION OF THE DEVICE, AND  
SYSTEM INCLUDING THE DEVICE

Krav på norsk er innkommet 2023.06.19.

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## Meddelte patenter B1

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

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

(51) **Klasse:** *A01F 15/07 (2006.01)*  
(11) **Patentnr:** **347697**  
(21) **Søknadsnr:** 20211484  
(22) **Inng.dag:** 2021.12.09  
(24) **Løpedag:** 2021.12.09  
(41) **Allm.tilg.dag:** 2023.06.12  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Orkel AS, Johan Gjønnnes Vei 25, 7320 FANNREM  
(74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
(72) **Oppfinner:**  
Øyvind Hagen, Bratsbergvegen 336, 7039 TRONDHEIM  
(54) **Benevnelse:**  
Foil wrapping device

(51) **Klasse:** *A01K 61/13 (2017.01)*  
*A01K 61/00 (2006.01)*  
(11) **Patentnr:** **347709**  
(21) **Søknadsnr:** 20220250  
(22) **Inng.dag:** 2022.02.25  
(24) **Løpedag:** 2022.02.25  
(41) **Allm.tilg.dag:** 2023.08.28  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
OPTIMAR AS, Valderøyvegen 1129, 6050 VALDERØYA  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
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Odd Kåre Davik, Tennfjordneset 159, 6264 TENNFJORD  
Lars André Giske, Småledbakkane 19, 6200 STRANDA  
(54) **Benevnelse:**  
Avlusningsenhet

(51) **Klasse:** *A23K 50/80 (2016.01)*  
*A23K 10/22 (2016.01)*  
*A23K 20/00 (2016.01)*  
*A23K 20/147 (2016.01)*  
*A23K 20/158 (2016.01)*  
*A23K 20/163 (2016.01)*  
*A23K 20/174 (2016.01)*  
(11) **Patentnr:** **347704**  
(21) **Søknadsnr:** 20120303  
(22) **Inng.dag:** 2012.03.14  
(30) **Prioritet:** 2009.09.14, NO, 20093000  
(86) **Int.inng.dag:** 2010.09.14  
(86) **Int.Søknadsnr:** PCT/NO2010/000336  
(24) **Løpedag:** 2010.09.14  
(41) **Allm.tilg.dag:** 2012.05.21  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Chemofarma Ltd, Rheinstrasse 28-32, 4302 AUGST,  
Sveits (CH)  
Ewos Innovation AS, 4335 DIRDAL  
Aker Biomarine ASA, Postboks 1423 Vika, 0115 OSLO  
(74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge  
(72) **Oppfinner:**  
José Luis González Vecino, Hetlandsgt. 26, 4013  
STAVANGER  
Simon Wadsworth, Hjerteskjellveien 8, 4310  
HOMMERSÅK  
Sigve Nordrum, Åssletta 3, 1341 SLEPENDEN  
(54) **Benevnelse:**  
Fôrsammensetning for fisk for anvendelse i å hindre eller  
redusere symptomer relatert til hjerte- og  
skjelettmuskelsykdom, HSMB.

(51) **Klasse:** *B21D 37/06 (2006.01)*  
*B21D 5/01 (2006.01)*  
*B21D 5/14 (2006.01)*  
*F16L 9/16 (2006.01)*  
*B21B 19/08 (2006.01)*  
(11) **Patentnr:** **347702**  
(21) **Søknadsnr:** 20220831  
(22) **Inng.dag:** 2022.07.26  
(24) **Løpedag:** 2022.07.26  
(41) **Allm.tilg.dag:** 2024.01.29  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Odfjell Oceanwind AS, Kokstadflaten 35, 5257 KOKSTAD  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge  
(72) **Oppfinner:**  
Eystein Borgen, Vestre Storheilila 5, 5239 RÅDAL  
Håkon Klepsvik, Jacob Kjødesveg 16, 5232 PARADIS  
(54) **Benevnelse:**  
Method of manufacture of a reinforced pipe sector



(51) **Klasse:** *B21D 37/06 (2006.01)*  
*B21D 5/01 (2006.01)*  
*B21D 5/14 (2006.01)*  
*B21B 19/08 (2006.01)*  
*F16L 9/16 (2006.01)*

(11) **Patentnr:** 347703  
(21) **Søknadsnr:** 20220832  
(22) **Inng.dag:** 2022.07.26  
(24) **Løpedag:** 2022.07.26  
(41) **Allm.tilg.dag:** 2024.01.29  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Odfjell Oceanwind AS, Kokstadflaten 35, 5257 KOKSTAD

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

(72) **Oppfinner:**  
Eystein Borgen, Vestre Storheilla 5, 5239 RÅDAL  
Håkon Klepshvik, Jacob Kjødesveg 16, 5232 PARADIS

(54) **Benevnelse:**  
Method of manufacture of a reinforced pipe

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

(11) **Patentnr:** 347700  
(21) **Søknadsnr:** 20220738  
(22) **Inng.dag:** 2022.06.29  
(24) **Løpedag:** 2022.06.29  
(41) **Allm.tilg.dag:** 2024.01.01  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578 NEDRE VATS

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

(72) **Oppfinner:**  
Ivar Fjeldheim, Bjørnebærveien 9, 5533 HAUGESUND  
Ingvar Fagerland, Holevegen 8, 5541 KOLNES  
Trond Austrheim, Nedre Teigen 12, 5590 ETNE

(54) **Benevnelse:**  
RAIL VEHICLE

(51) **Klasse:** *C04B 14/02 (2006.01)*  
*C04B 28/02 (2006.01)*  
*C09K 8/467 (2006.01)*  
*E21B 47/00 (2012.01)*

(11) **Patentnr:** 347694  
(21) **Søknadsnr:** 20160886  
(22) **Inng.dag:** 2016.05.25  
(30) **Prioritet:** 2013.11.22, US, 61/907,666  
(86) **Int.inng.dag:** 2014.11.21  
(86) **Int.Søknadsnr:** PCT/US2014/066748  
(24) **Løpedag:** 2014.11.21  
(41) **Allm.tilg.dag:** 2016.05.25  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Schlumberger Technology B.V., Parkstraat 83-89, 2514JG HAAG, Nederland (NL)

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

(72) **Oppfinner:**  
Simone Musso, 10 Hancock Place, #3, MA02139 CAMBRIDGE, USA (US)  
Mickael Allouche, 98, boulevard Saint-Germain, 75005 PARIS, Frankrike (FR)  
Matteo Pavese, Strada Bussolino 109/3, 10090 GASSINO TORINESE, Italia (IT)

(54) **Benevnelse:**  
PIEZORESISTIVE CEMENT NANOCOMPOSITES

(51) **Klasse:** *E02D 27/52 (2006.01)*  
*F03D 13/25 (2016.01)*  
*E02B 17/00 (2006.01)*

(11) **Patentnr:** 347708  
(21) **Søknadsnr:** 20211275  
(22) **Inng.dag:** 2021.10.25  
(24) **Løpedag:** 2021.10.25  
(41) **Allm.tilg.dag:** 2023.04.26  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
SUBSEA 7 NORWAY AS, Kanalsletta 9, 4033 STAVANGER

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

(72) **Oppfinner:**  
Christian Linde Olsen, Krokusstien 4, 4022 STAVANGER

(54) **Benevnelse:**  
Marine foundations comprising suction piles

(51) **Klasse:** *E21B 4/02 (2006.01)*  
*E21B 7/06 (2006.01)*

(11) **Patentnr:** 347692  
(21) **Søknadsnr:** 20160749  
(22) **Inng.dag:** 2016.05.04  
(86) **Int.inng.dag:** 2013.12.23  
(86) **Int.Søknadsnr:** PCT/US2013/077436  
(24) **Løpedag:** 2013.12.23  
(41) **Allm.tilg.dag:** 2016.05.04  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Halliburton Energy Services, Inc., 10200 Bellaire Boulevard, TX77072 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Ankit Purohit, H. No-74, Kavi Kalidas Path, MP456771 BARNAGAR, India (IN)  
Anand Bhagwat Kedare, Flat No. E-201, Palladium Home, 411015 DHANORI, PUNE, India (IN)  
Sandip Satish Sonar, A-202, Aishwaryam Ventures, 411035 AKURDI, PUNE, India (IN)

(54) **Benevnelse:**  
Surface Actuated Downhole Adjustable Mud Motor

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

(11) **Patentnr:** 347696  
(21) **Søknadsnr:** 20161447  
(22) **Inng.dag:** 2016.09.13  
(86) **Int.inng.dag:** 2014.04.29  
(86) **Int.Søknadsnr:** PCT/US2014/035873  
(24) **Løpedag:** 2014.04.29  
(41) **Allm.tilg.dag:** 2016.09.13  
(45) **Meddelt:** 2024.02.26  
(73) **Innehaver:**  
Halliburton Energy Services, Inc., 10200 Bellaire Boulevard, TX77072 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Michael J. Strachan, 12 West Lake Forest Dr., TX77384 CONROE, USA (US)

(54) **Benevnelse:**  
Tool face control of a downhole tool with reduced drill string friction

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

(11) **Patentnr:** 347705

(21) **Søknadsnr:** 20220827

(22) **Inng.dag:** 2022.07.26

(24) **Løpedag:** 2022.07.26

(41) **Allm.tilg.dag:** 2024.01.29

(45) **Meddelt:** 2024.02.26

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

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

(72) **Oppfinner:**  
 Deviprasad Bhat, c/o FMC Kongsberg Subsea AS, Postboks 1012, 3601 KONGSBERG  
 Øyvind Rokne, c/o FMC Kongsberg Subsea AS, Postboks 1012, 3601 KONGSBERG

(54) **Benevnelse:**  
 Locking nut and assembly therefor

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

(11) **Patentnr:** 347699

(21) **Søknadsnr:** 20161294

(22) **Inng.dag:** 2016.08.12

(30) **Prioritet:** 2014.02.26, US, 14/190,301

(86) **Int.inng.dag:** 2015.02.24

(86) **Int.Søknadsnr:** PCT/US2015/017181

(24) **Løpedag:** 2015.02.24

(41) **Allm.tilg.dag:** 2016.08.12

(45) **Meddelt:** 2024.02.26

(73) **Innehaver:**  
 Vetco Gray, LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
 Michael Shaw, 28 Donald Avenue, AB515JE KEMNAY, ABERDEENSHIRE, Storbritannia (GB)

(54) **Benevnelse:**  
 Annulus seal utilizing energized discrete soft interfacial sealing elements

(51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 43/12 (2006.01)*

(11) **Patentnr:** 347698

(21) **Søknadsnr:** 20171309

(22) **Inng.dag:** 2017.08.07

(30) **Prioritet:** 2015.03.24, US, PCT/US2015/022273

(86) **Int.inng.dag:** 2015.03.24

(86) **Int.Søknadsnr:** PCT/US2015/022273

(24) **Løpedag:** 2015.03.24

(41) **Allm.tilg.dag:** 2017.08.07

(45) **Meddelt:** 2024.02.26

(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:**  
 Pranay Asthana, 445 Woodline Drive, TX77386 SPRING, USA (US)  
 Winfred Cajiles, 445 Woodline Drive, TX77386 SPRING, USA (US)  
 Jeremy Ramirez, 445 Woodline Drive, TX77386 SPRING, USA (US)

(54) **Benevnelse:**  
 DOWNHOLE FLOW CONTROL ASSEMBLIES AND METHODS OF USE

(51) **Klasse:** *E21B 37/06 (2006.01)*  
*E21B 34/10 (2006.01)*

(11) **Patentnr:** 347690

(21) **Søknadsnr:** 20160166

(22) **Inng.dag:** 2016.02.03

(86) **Int.inng.dag:** 2013.10.28

(86) **Int.Søknadsnr:** PCT/US2013/067052

(24) **Løpedag:** 2013.10.28

(41) **Allm.tilg.dag:** 2016.02.03

(45) **Meddelt:** 2024.02.26

(73) **Innehaver:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
 Michael Linley Fripp, 3826 Cemetery Hill Road, TX75007 CARROLLTON, USA (US)  
 Zachary Ryan Murphree, 6550 Shady Brook Lane #516, TX75206 DALLAS, USA (US)  
 Thomas Jules Frosell, 7409 Bradford Pear Drive, TX75063 IRVING, USA (US)

(54) **Benevnelse:**  
 Flow Control Assembly Actuated by Pilot Pressure

(51) **Klasse:** *E21B 44/02 (2006.01)*  
*E21B 44/00 (2006.01)*  
*E21B 47/02 (2006.01)*  
*E21B 7/04 (2006.01)*

(11) **Patentnr:** 347693

(21) **Søknadsnr:** 20160839

(22) **Inng.dag:** 2016.05.19

(86) **Int.inng.dag:** 2013.12.06

(86) **Int.Søknadsnr:** PCT/US2013/073670

(24) **Løpedag:** 2013.12.06

(41) **Allm.tilg.dag:** 2016.05.19

(45) **Meddelt:** 2024.02.26

(73) **Innehaver:**  
 Halliburton Energy Services, Inc., 10200 Bellaire Boulevard, TX77072 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
 Zhijie Sun, 1500 Preston Road, Apt. 22301, TX75093 PLANO, USA (US)  
 Jason D Dykstra, 3405 Hillpark Lane, TX75007 CARROLLTON, USA (US)

(54) **Benevnelse:**  
 MANAGING WELLBORE OPERATIONS USING UNCERTAINTY CALCULATIONS

- (51) **Klasse:** *E21B 47/026 (2006.01)*  
*G01V 3/10 (2006.01)*  
*H01Q 1/04 (2006.01)*  
*G01V 3/28 (2006.01)*  
*H01Q 1/14 (2006.01)*  
*E21B 47/00 (2012.01)*
- (11) **Patentnr:** 347707
- (21) **Søknadsnr:** 20210169
- (22) **Inng.dag:** 2021.02.10
- (86) **Int.inng.dag:** 2018.09.14
- (86) **Int.Søknadsnr:** PCT/US2018/051024
- (24) **Løpedag:** 2018.09.14
- (41) **Allm.tilg.dag:** 2021.02.10
- (45) **Meddelt:** 2024.02.26
- (73) **Innehaver:**  
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 Bittar, 8711 Wheatland Drive, TX77064 HOUSTON, USA (US)  
Jin Ma, 320 Jackson Hill Street, TX77007 HOUSTON, USA (US)
- (54) **Benevnelse:**  
CROSS-SLOT BOBBIN AND ANTENNA SHIELD FOR CO-LOCATED ANTENNAS

- (51) **Klasse:** *F03D 3/00 (2006.01)*  
*F03D 3/02 (2006.01)*  
*F03D 3/04 (2006.01)*  
*F03D 7/06 (2006.01)*
- (11) **Patentnr:** 347701
- (21) **Søknadsnr:** 20220322
- (22) **Inng.dag:** 2022.03.15
- (24) **Løpedag:** 2022.03.15
- (41) **Allm.tilg.dag:** 2023.09.18
- (45) **Meddelt:** 2024.02.26
- (73) **Innehaver:**  
NORESTRAEN INDUSTRIER AS, Ulsbergleitet 19, 4034 STAVANGER
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (72) **Oppfinner:**  
Odd B Skjærseth, Ulsbergleitet 19, 4034 STAVANGER  
Bjørn Eilertsen, Notveien 11, 4085 HUNDVÅG
- (54) **Benevnelse:**  
Vertical axis wind turbine

- (51) **Klasse:** *F03D 13/10 (2016.01)*  
*F03D 13/20 (2016.01)*  
*F03D 13/25 (2016.01)*  
*E04H 12/34 (2006.01)*  
*E02D 27/42 (2006.01)*
- (11) **Patentnr:** 347712
- (21) **Søknadsnr:** 20220210
- (22) **Inng.dag:** 2022.02.16
- (24) **Løpedag:** 2022.02.16
- (41) **Allm.tilg.dag:** 2023.08.17
- (45) **Meddelt:** 2024.02.26
- (73) **Innehaver:**  
Tebina Energi AS, Fløenbakken 4, 5009 BERGEN
- (74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (72) **Oppfinner:**  
Geir Lasse Kjersem, Fløenbakken 4, 5009 BERGEN
- (54) **Benevnelse:**  
A windmill construction and a method for assembly of a windmill construction

- (51) **Klasse:** *F04B 43/02 (2006.01)*  
*F04B 43/04 (2006.01)*  
*B63H 1/32 (2006.01)*
- (11) **Patentnr:** 347710
- (21) **Søknadsnr:** 20230203
- (22) **Inng.dag:** 2023.03.01
- (24) **Løpedag:** 2023.03.01
- (41) **Allm.tilg.dag:** 2024.02.26
- (45) **Meddelt:** 2024.02.26
- (73) **Innehaver:**  
Inge Bakke, Haugane 12, 6740 SELJE
- (72) **Oppfinner:**  
Inge Bakke, Haugane 12, 6740 SELJE
- (54) **Benevnelse:**  
Innretning for forflytning av flytende medium

- (51) **Klasse:** *F41H 1/08 (2006.01)*  
*A42C 2/00 (2006.01)*  
*B29B 11/00 (2006.01)*
- (11) **Patentnr:** 347691
- (21) **Søknadsnr:** 20220498
- (22) **Inng.dag:** 2022.05.02
- (24) **Løpedag:** 2022.05.02
- (41) **Allm.tilg.dag:** 2023.11.03
- (45) **Meddelt:** 2024.02.26
- (73) **Innehaver:**  
NFM AS, Glynitveien 15, 1400 SKI
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Karl Petter Elvestad, Kroksundveien 153, 1860 TRØGSTAD  
Terje Glomsaker, Haukeveien 46, 1357 BEKKESTUA  
Thomas Hvesser, Ekhaugenveien 190, 1866 BÅSTAD  
Toivo Horvei, Magasinparken 22, 1423 SKI  
Anders Wien, Fundingrudveien 65, 1459 NESODDEN
- (54) **Benevnelse:**  
MANDREL FOR FILAMENT WINDING OF HELMETS AND APPURTENANT METHOD

- (51) **Klasse:** *G01V 1/18 (2006.01)*  
*G01V 1/38 (2006.01)*
- (11) **Patentnr:** 347711
- (21) **Søknadsnr:** 20220403
- (22) **Inng.dag:** 2022.04.01
- (24) **Løpedag:** 2022.04.01
- (41) **Allm.tilg.dag:** 2023.10.02
- (45) **Meddelt:** 2024.02.26
- (73) **Innehaver:**  
REFLECTION MARINE NORGE AS, Damsgårdsveien 135, 5160 LAKSEVÅG
- (74) **Fullmektig:**  
ACAPO AS, Edvard Griegs vei 1, 5059 BERGEN, Norge
- (72) **Oppfinner:**  
Gunnar Herø, Butterudveien 3, 1339 VØYENENGA  
Terje Leslie Mostue, Borgentoppen 52, 1388 BORGES  
Alexander Matrosov, Øgårdsvæien 52 B, 1390 VOLLEN  
Erik Heggem Brokstad, Åkerholtbakkane 16, 3090 HOF  
Lucas Martinus Joseph Geurts, Fjordgløttveien 12, 0575 OSLO  
Vidar Anders Husom, Oppsjølia 32 A, 1385 ASKER
- (54) **Benevnelse:**  
A Seismic Node Comprising a Separate Waterproof Sealing Skin and A Method for Producing such a Seismic Node

(51) **Klasse:** *G01V 1/46 (2006.01)*  
*G01V 1/50 (2006.01)*

(11) **Patentnr:** **347695**

(21) **Søknadsnr:** 20161637

(22) **Inng.dag:** 2016.10.13

(30) **Prioritet:** 2014.03.24, US, 14/223,416

(86) **Int.inng.dag:** 2015.03.19

(86) **Int.Søknadsnr:** PCT/US2015/021468

(24) **Løpedag:** 2015.03.19

(41) **Allm.tilg.dag:** 2016.10.13

(45) **Meddelt:** 2024.02.26

(73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Ehsan Khajeh, 2929 Allen Parkway, Suite 2100, TX77019-2118 HOUSTON, USA (US)  
Yang Liu, 2929 Allen Parkway, Suite 2100, TX77019-2118 HOUSTON, USA (US)

(54) **Benevnelse:**  
FORMATION MEASUREMENTS USING NONLINEAR GUIDED WAVES

(51) **Klasse:** *G08B 25/00 (2006.01)*  
*H04L 51/043 (2022.01)*  
*H04L 51/046 (2022.01)*  
*H04L 51/214 (2022.01)*  
*H04W 4/90 (2018.01)*  
*H04L 51/58 (2022.01)*  
*H04M 11/04 (2006.01)*  
*H04M 1/72436 (2021.01)*  
*G08B 25/10 (2006.01)*  
*H04M 3/42 (2006.01)*  
*G08B 19/00 (2006.01)*  
*G08B 27/00 (2006.01)*  
*G08B 23/00 (2006.01)*

(11) **Patentnr:** **347689**

(21) **Søknadsnr:** 20220887

(22) **Inng.dag:** 2022.08.17

(24) **Løpedag:** 2022.08.17

(41) **Allm.tilg.dag:** 2024.02.19

(45) **Meddelt:** 2024.02.26

(73) **Innehaver:**  
FAIR TEKNOLOGI AS, Beverveien 27, 4373 EGRSUND

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

(72) **Oppfinner:**  
Arild Stapnes Johnsen, Beverveien 27, 4373 EGRSUND  
Surendra Nadkarni, Sleireveien 11, 4317 SANDNES

(54) **Benevnelse:**  
DEVICE FOR FORWARDING TEXT MESSAGES FROM MONITORING SYSTEMS TO USERS, USE AND METHOD OF INSTALLATION OF THE DEVICE, AND SYSTEM INCLUDING THE DEVICE

(51) **Klasse:** *H02S 40/42 (2014.01)*  
*B63B 35/44 (2006.01)*

(11) **Patentnr:** **347706**

(21) **Søknadsnr:** 20220464

(22) **Inng.dag:** 2022.04.25

(24) **Løpedag:** 2022.04.25

(41) **Allm.tilg.dag:** 2023.10.26

(45) **Meddelt:** 2024.02.26

(73) **Innehaver:**  
Bjørn Helset, Øvre Kroken 2 B, 6154 ØRSTA

(74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO, Norge

(72) **Oppfinner:**  
Bjørn Helset, Øvre Kroken 2 B, 6154 ØRSTA

(54) **Benevnelse:**  
Flytende solcellekraftverk

## 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 :** **A01G 9/04 (2006.01)**  
**A01G 9/14 (2006.01)**  
**A01G 9/24 (2006.01)**  
**A01G 27/00 (2006.01)**  
**A01G 27/02 (2006.01)**  
**A01G 31/06 (2006.01)**

(87) **EP Publ.nr:** EP3873192  
(86) **EP søkn.nr:** 19880466.8  
(86) **EP innl.dag:** 2019.10.25  
(87) **EP publ.dag:** 2021.09.08  
(80) **EP meddelt :** 2023.12.06  
(30) **Prioritet:** 2018.10.29, FI, 20187155  
2019.01.08, FI, 20197004

(86) **Int.inndag :** 2019.10.25  
(86) **Int.søknadsnr :** PCT/FI2019/050763  
(73) **Innehaver:**  
Green Automation Group Oy, Hermannin Rantatie 2200580  
Helsinki, FI-Finland

(72) **Oppfinner:**  
HUTTUNEN, Jukka, Lätäköntie 9826910 Unaja, FI-Finland

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

(54) **Benevnelse:**  
OPEN-TOP GUTTER

(51) **Klasse :** **A01H 5/12 (2018.01)**  
**A01G 7/04 (2006.01)**  
**A01H 5/08 (2018.01)**

(87) **EP Publ.nr:** EP3349564  
(86) **EP søkn.nr:** 16769965.1  
(86) **EP innl.dag:** 2016.09.16  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2023.11.08  
(30) **Prioritet:** 2015.09.17, EP, 15306432  
(86) **Int.inndag :** 2016.09.16  
(86) **Int.søknadsnr :** PCT/EP2016/072064  
(73) **Innehaver:**  
Université d'Avignon et des Pays de Vaucluse, 74 rue Louis  
Pasteur84029 Avignon Cedex 1, FR-Frankrike  
Université de Montpellier, 163, rue Auguste  
Broussonnet34090 Montpellier, FR-Frankrike  
Centre National de la Recherche Scientifique, 3, rue  
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(72) **Oppfinner:**  
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Frankrike  
CHABANE SARI, Dounyazade, 119 Rue du Faubourg Cité  
universitaire Boutonnet Bât A31034090 Montpellier, FR-  
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ORSAL, Bernard, 8 Les Romarins34270 Les Matelles, FR-  
Frankrike

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

(54) **Benevnelse:**  
METHOD FOR STIMULATING THE RESISTANCE OF  
PLANTS TO BIOTIC STRESS BY UV RADIATION  
EXPOSURE

(51) **Klasse :** **A22B 3/12 (2006.01)**  
**A22B 3/06 (2006.01)**

(87) **EP Publ.nr:** EP3664623  
(86) **EP søkn.nr:** 18753377.3  
(86) **EP innl.dag:** 2018.08.08  
(87) **EP publ.dag:** 2020.06.17  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2017.08.11, BE, 201705553  
(86) **Int.inndag :** 2018.08.08  
(86) **Int.søknadsnr :** PCT/EP2018/071529  
(73) **Innehaver:**  
Euro Meat Group SA, Rue de l'Abattoir 467700 Mouscron,  
BE-Belgia

(72) **Oppfinner:**  
CASTELEIN, Johan, Rue de l'Abattoir 467700 Mouscron,  
BE-Belgia  
LESCOUHIER, Stefaan, Rue de l'Abattoir 467700  
Mouscron, BE-Belgia

(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge

(54) **Benevnelse:**  
ELECTRICAL STUNNING METHOD WITH PROLONGED  
PERIOD OF UNCONSCIOUSNESS

(51) **Klasse :** **A22C 29/02 (2006.01)**  
**A22C 29/00 (2006.01)**

(87) **EP Publ.nr:** EP4099832  
(86) **EP søkn.nr:** 21708533.1  
(86) **EP innl.dag:** 2021.02.05  
(87) **EP publ.dag:** 2022.12.14  
(80) **EP meddelt :** 2024.01.03  
(30) **Prioritet:** 2020.02.07, US, 202062971653 P  
(86) **Int.inndag :** 2021.02.05  
(86) **Int.søknadsnr :** PCT/US2021/016779  
(73) **Innehaver:**  
Nova-Tech Engineering, LLC, 1705 Engineering Avenue  
NEWillmar, MN 56201, US-USA

(72) **Oppfinner:**  
EID, Elliot D., 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
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Minnesota 56201, US-USA  
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Minnesota 56201, US-USA  
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Minnesota 56201, US-USA  
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Minnesota 56201, US-USA  
JOHNSON, Robert, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
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REMMEL, Shaun, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
ZINDA, Marc, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA

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

(54) **Benevnelse:**  
SHRIMP PROCESSING APPARATUS AND METHODS



- (51) **Klasse :** **A22C 29/02 (2006.01)**  
**A22C 29/00 (2006.01)**
- (87) **EP Publ.nr:** EP4099833  
(86) **EP søkn.nr:** 21708535.6  
(86) **EP innl.dag:** 2021.02.05  
(87) **EP publ.dag:** 2022.12.14  
(80) **EP meddelt :** 2024.01.03  
(30) **Prioritet:** 2020.02.07, US, 202062971653 P  
(86) **Int.inndag :** 2021.02.05  
(86) **Int.søknadsnr :** PCT/US2021/016786  
(73) **Innehaver:**  
Nova-Tech Engineering, LLC, 1705 Engineering Avenue  
NEWillmar, MN 56201, US-USA
- (72) **Oppfinner:**  
EID, Elliot D., 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
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Minnesota 56201, US-USA  
GRAMSTAD, Derek, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
IMDIEKE, Jeremy, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
JOHNSON, Robert, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
MOLENAAR, Dana Mathew, 1705 Engineering Avenue  
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ROONEY, Jacob, 1705 Engineering Avenue NEWillmar,  
Minnesota 56201, US-USA  
STARK, Christopher J., 1705 Engineering Avenue  
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NEWillmar, Minnesota 56201, US-USA  
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Minnesota 56201, US-USA  
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Minnesota 56201, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SHRIMP PROCESSING APPARATUS AND METHODS

- (51) **Klasse :** **A23C 9/12 (2006.01)**  
**A23C 9/13 (2006.01)**
- (87) **EP Publ.nr:** EP3937648  
(86) **EP søkn.nr:** 20710185.8  
(86) **EP innl.dag:** 2020.03.16  
(87) **EP publ.dag:** 2022.01.19  
(80) **EP meddelt :** 2023.12.13  
(30) **Prioritet:** 2019.03.15, EP, 19163310  
(86) **Int.inndag :** 2020.03.16  
(86) **Int.søknadsnr :** PCT/EP2020/057129  
(73) **Innehaver:**  
Arla Foods amba, Sønderhøj 148260 Viby J, DK-Danmark
- (72) **Oppfinner:**  
ELVERLØV-JAKOBSEN, Jannik Ejnar, c/o Arla Foods  
amba Sønderhøj 148260 viby J, DK-Danmark  
ERIKSEN, Allan, c/o Arla Foods amba Sønderhøj 148260  
Viby J, DK-Danmark  
FIHL, Thea, c/o Arla Foods amba Sønderhøj 148260 Viby  
J, DK-Danmark  
JENSEN, Torben, c/o Arla Foods amba Sønderhøj 148260  
Viby J, DK-Danmark
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL HIGH PROTEIN, ACIDIFIED, DAIRY PRODUCT,  
METHOD OF PRODUCING IT, PROTEIN POWDER AND  
USE THEREOF

- (51) **Klasse :** **A23L 3/375 (2006.01)**
- (87) **EP Publ.nr:** EP3914094  
(86) **EP søkn.nr:** 19911690.6  
(86) **EP innl.dag:** 2019.02.05  
(87) **EP publ.dag:** 2021.12.01  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2019.01.22, IN, 201921002692  
(86) **Int.inndag :** 2019.02.05  
(86) **Int.søknadsnr :** PCT/IN2019/050086  
(73) **Innehaver:**  
Alva, Junia, B-1201, Gulmohar Apartments Caesar Road,  
Amboli Andheri WestMumbai 400053, IN-India  
Alva, Vernon, A 601, Bhairav, Off Veera Desai Road  
Andheri WestMumbai, Maharashtra 400058, IN-India
- (72) **Oppfinner:**  
Alva, Junia, B-1201, Gulmohar Apartments Caesar Road,  
Amboli Andheri WestMumbai 400053, IN-India  
Alva, Vernon, A 601, Bhairav, Off Veera Desai Road  
Andheri WestMumbai, Maharashtra 400058, IN-India
- (74) **Fullmektig:**  
Valet Patent Services Limited, Landsberger Str. 302, 80687  
MÜNCHEN, Tyskland
- (54) **Benevnelse:**  
PROCESS AND DEVICE FOR FREEZING ORGANIC  
PRODUCTS

- (51) **Klasse :** **A61B 6/00 (2006.01)**
- (87) **EP Publ.nr:** EP3651649  
(86) **EP søkn.nr:** 18752859.1  
(86) **EP innl.dag:** 2018.07.12  
(87) **EP publ.dag:** 2020.05.20  
(80) **EP meddelt :** 2023.10.25  
(30) **Prioritet:** 2017.07.12, US, 201715648120  
(86) **Int.inndag :** 2018.07.12  
(86) **Int.søknadsnr :** PCT/IB2018/055167  
(73) **Innehaver:**  
Sociedad Española De Electromedicina Y Calidad, S. A.,  
C/ Pelaya 9-13 Pol. Ind. Rio de Janeiro28110 Algete  
(Madrid), ES-Spania
- (72) **Oppfinner:**  
DIAZ CARMENA, Angel, Poligono Ind. "Rio De Janeiro"  
Pelaya 9-1328110 Algete (Madrid), ES-Spania  
GARCIA PEREZ, Jose, Poligono Ind. "Rio De Janeiro"  
Pelaya 9-1328110 Algete (Madrid), ES-Spania  
MORENO VALLEJO, Ildefonso, Poligono Ind. "Rio De  
Janeiro" Pelaya 9-1328110 Algete (Madrid), ES-Spania  
MARTINEZ ROCA, Jesus, Poligono Ind. "Rio De Janeiro"  
Pelaya 9-1328110 Algete (Madrid), ES-Spania  
PANTOJA CHECA, Jacobo, Poligono Ind. "Rio De Janeiro"  
Pelaya 9-1328110 Algete (Madrid), ES-Spania
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PORTABLE X-RAY DEVICE AND SYSTEM

(51) **Klasse :** *A61F 13/15 (2006.01)*  
*A61F 13/511 (2006.01)*  
*A61F 13/514 (2006.01)*  
*B32B 5/02 (2006.01)*  
*B32B 5/04 (2006.01)*  
*B32B 5/06 (2006.01)*  
*B32B 5/26 (2006.01)*  
*B32B 7/04 (2019.01)*  
*B32B 7/09 (2019.01)*  
*B32B 7/12 (2006.01)*

(87) **EP Publ.nr:** EP3893826  
(86) **EP søkn.nr:** 19895588.2  
(86) **EP innl.dag:** 2019.12.10  
(87) **EP publ.dag:** 2021.10.20  
(80) **EP meddelt :** 2023.11.22  
(30) **Prioritet:** 2019.05.30, AU, 2019901862  
2018.12.10, NZ, 18749123

(86) **Int.inndag :** 2019.12.10  
(86) **Int.søknadsnr :** PCT/IB2019/060587  
(73) **Innehaver:**  
RSD Holdings Limited, 2b/268-270 Manukau Road  
EpsomAuckland, 1023, NZ-New Zealand

(72) **Oppfinner:**  
RIHA-SCOTT, Frantisek, 53A Rangatira Road Beach  
HavenAuckland, 0626, NZ-New Zealand

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

(54) **Benevnelse:**  
A MULTI-LAYER TEXTILE ASSEMBLY

(51) **Klasse :** *A61G 5/12 (2006.01)*  
*A47C 7/38 (2006.01)*  
*A61G 3/08 (2006.01)*  
*B60N 2/806 (2018.01)*

(87) **EP Publ.nr:** EP3922228  
(86) **EP søkn.nr:** 21173596.4  
(86) **EP innl.dag:** 2021.05.12  
(87) **EP publ.dag:** 2021.12.15  
(80) **EP meddelt :** 2023.12.06  
(30) **Prioritet:** 2020.06.11, GB, 202008898

(73) **Innehaver:**  
NMI Safety Systems Ltd, 16 IO Centre Arlington Business  
Park Whittle WayStevenage, Hertfordshire SG1 2BD, GB-  
Storbritannia

(72) **Oppfinner:**  
SAWDY, Michael, Swaffham, PE37 7EU, GB-Storbritannia

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

(54) **Benevnelse:**  
A SUPPORT CUSHION FOR USE IN A VEHICLE

(51) **Klasse :** *A61K 9/00 (2006.01)*  
*A61K 9/10 (2006.01)*  
*A61K 31/519 (2006.01)*  
*A61P 25/18 (2006.01)*  
*A61P 25/24 (2006.01)*

(87) **EP Publ.nr:** EP4025187  
(86) **EP søkn.nr:** 21724651.1  
(86) **EP innl.dag:** 2021.05.07  
(87) **EP publ.dag:** 2022.07.13  
(80) **EP meddelt :** 2024.01.03  
(30) **Prioritet:** 2020.11.30, US, 202063119382 P

(86) **Int.inndag :** 2021.05.07  
(86) **Int.søknadsnr :** PCT/EP2021/062144

(73) **Innehaver:**  
Janssen Pharmaceutica NV, Turnhoutseweg 302340  
Beerse, BE-Belgia

(72) **Oppfinner:**  
GOPAL, Srihari, Titusville, NJ 08560, US-USA  
VENKATASUBRAMANIAN, Raja, Titusville, NJ 08560, US-  
USA  
T'JOLLYN, Huybrecht, 2340 Beerse, BE-Belgia

(74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
Norge

(54) **Benevnelse:**  
DOSING REGIMENS ASSOCIATED WITH EXTENDED  
RELEASE PALIPERIDONE INJECTABLE  
FORMULATIONS

(51) **Klasse :** *A61K 9/10 (2006.01)*  
*A61K 31/47 (2006.01)*  
*A61K 47/26 (2006.01)*  
*A61P 31/06 (2006.01)*  
*A61P 31/08 (2006.01)*

(87) **EP Publ.nr:** EP3943070  
(86) **EP søkn.nr:** 21178526.6  
(86) **EP innl.dag:** 2018.07.13  
(87) **EP publ.dag:** 2022.01.26  
(80) **EP meddelt :** 2023.11.22  
(30) **Prioritet:** 2017.07.14, EP, 17181354  
2018.04.16, EP, 18167463

(73) **Innehaver:**  
Janssen Pharmaceutica NV, Turnhoutseweg 302340  
Beerse, BE-Belgia

(72) **Oppfinner:**  
Andries, Koenraad, Jozef, Lodewijk, Marcel, 2340 Beerse,  
BE-Belgia  
BASSTANIE, Esther, Dina, Guido, 2340 Beerse, BE-Belgia  
BERNINI, Maristella, 2340 Beerse, BE-Belgia

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

(54) **Benevnelse:**  
LONG-ACTING FORMULATIONS OF BEDAQUILINE

- (51) **Klasse :** **A61K 9/14 (2006.01)**  
**A61K 9/51 (2006.01)**  
**A61K 9/70 (2006.01)**  
**A61K 31/436 (2006.01)**  
**A61P 37/06 (2006.01)**
- (87) **EP Publ.nr:** EP3846783  
(86) **EP søkn.nr:** 19816295.0  
(86) **EP innl.dag:** 2019.12.04  
(87) **EP publ.dag:** 2021.07.14  
(80) **EP meddelt :** 2023.10.18  
(30) **Prioritet:** 2018.12.04, DE, 102018130848  
(86) **Int.inndag :** 2019.12.04  
(86) **Int.søknadsnr :** PCT/EP2019/083691  
(73) **Innehaver:**  
Nucleus Medical GmbH, Bavariafilmplatz 782031  
Grünwald, DE-Tyskland
- (72) **Oppfinner:**  
BEIER, Wolfgang, Rabenkopfstr. 24 a81545 Munich, DE-Tyskland  
HORSTKOTTE, Elke, Nummergerstr. 1081245 Munich, DE-Tyskland
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
NANOPARTICLES COMPRISING TACROLIMUS

- (51) **Klasse :** **A61K 31/164 (2006.01)**  
**A61K 31/4468 (2006.01)**  
**A61K 31/485 (2006.01)**  
**A61P 25/04 (2006.01)**
- (87) **EP Publ.nr:** EP3297622  
(86) **EP søkn.nr:** 16796016.0  
(86) **EP innl.dag:** 2016.05.17  
(87) **EP publ.dag:** 2018.03.28  
(80) **EP meddelt :** 2023.11.01  
(30) **Prioritet:** 2015.05.21, US, 201562164618 P  
(86) **Int.inndag :** 2016.05.17  
(86) **Int.søknadsnr :** PCT/IL2016/050519  
(73) **Innehaver:**  
Scisparc Ltd, 20 Raoul Wallenberg St., Building A, 2nd  
Fl.Tel Aviv, IL-Israël
- (72) **Oppfinner:**  
SHMULEWITZ, Ascher, 20 Yoav Street6908158 Tel Aviv,  
IL-Israël  
HABER, Elran, 8 Nahal GamlaKiryat Ono, 5545049, IL-  
Israël  
BRENER, Ephraim, 4 Mania Shohat Street75241 Rishon  
LeZion, IL-Israël
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMBINATIONS OF OXYCODONE AND N-  
ACYLETHANOLAMINE PALMITOYLETHANOLAMINE  
FOR REDUCING OPIOID-ASSOCIATED SIDE EFFECTS

- (51) **Klasse :** **A61K 31/20 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 9/28 (2006.01)**  
**A61K 9/48 (2006.01)**  
**A61P 7/02 (2006.01)**  
**A61P 9/10 (2006.01)**
- (87) **EP Publ.nr:** EP3439649  
(86) **EP søkn.nr:** 17723734.4  
(86) **EP innl.dag:** 2017.04.10  
(87) **EP publ.dag:** 2019.02.13  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2016.04.08, GB, 201606197  
(86) **Int.inndag :** 2017.04.10  
(86) **Int.søknadsnr :** PCT/GB2017/051002  
(73) **Innehaver:**  
Ceren Scientific AB, BioVentureHub Pepparedsleden  
1431 83 Mölndal, SE-Sverige
- (72) **Oppfinner:**  
GUSTAFSSON, Nils Ove, Hippodromvägen 7SE- 246 50  
Löddeköpinge, SE-Sverige  
MÄRTENSSON, Hans Roger Marcus, Ystadsgatan 23A214  
24 Malmö, SE-Sverige  
BERGH, Niklas, Halliden 14SE- 436 39 Askim, SE-Sverige  
SÄLJÖ, Jonas Faijerson, Brödragatan 54SE- 412 74  
Göteborg (Gothenburg), SE-Sverige  
JERN, Sverker, Villa Sofiero Missolabacken 4SE- 459 33  
Ljungskile, SE-Sverige
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ANNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
DELAYED RELEASE PHARMACEUTICAL  
FORMULATIONS COMPRISING VALPROIC ACID, AND  
USES THEREOF

- (51) **Klasse :** **A61K 31/216 (2006.01)**  
**A61K 9/20 (2006.01)**  
**A61K 9/24 (2006.01)**  
**A61K 9/48 (2006.01)**  
**A61K 31/05 (2006.01)**  
**A61K 31/192 (2006.01)**  
**A61K 31/352 (2006.01)**  
**A61K 31/353 (2006.01)**  
**A61K 31/593 (2006.01)**  
**A61K 36/53 (2006.01)**  
**A61K 36/535 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 27/14 (2006.01)**  
**A61P 37/08 (2006.01)**
- (87) **EP Publ.nr:** EP3197556  
(86) **EP søkn.nr:** 15791737.8  
(86) **EP innl.dag:** 2015.09.21  
(87) **EP publ.dag:** 2017.08.02  
(80) **EP meddelt :** 2023.11.01  
(30) **Prioritet:** 2014.09.22, IT, MI20141641  
(86) **Int.inndag :** 2015.09.21  
(86) **Int.søknadsnr :** PCT/IB2015/057267  
(73) **Innehaver:**  
NTC s.r.l., Via L.Razza, 320124 Milano,, IT-Italia
- (72) **Oppfinner:**  
BUSETTI, Cesare, c/o NTC S.R.L. Via Luigi Razza 3I-  
20124 Milano, IT-Italia  
NICCOLAI, Fabrizio, c/o NTC S.R.L. Via Luigi Razza 3I-  
20124 Milano, IT-Italia  
ZELASCHI, Daniela, c/o NTC S.R.L. Via Luigi Razza 3I-  
20124 Milano, IT-Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITION FOR THE PREVENTION AND/OR  
TREATMENT OF ALLERGY SYMPTOMS



(51) **Klasse :** **A61K 31/4704 (2006.01)**  
**A61K 31/573 (2006.01)**  
**A61P 1/00 (2006.01)**

(87) **EP Publ.nr:** EP3797772  
(86) **EP søkn.nr:** 19020504.7  
(86) **EP innl.dag:** 2019.09.03  
(87) **EP publ.dag:** 2021.03.31  
(80) **EP meddelt :** 2023.10.18  
(73) **Innehaver:**  
SQUARE POWER LTD, 2nd Floor, 9 Chapel Place London  
EC2A 3DQ, GB-Storbritannia

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

(54) **Benevnelse:**  
REBAMIPIDE FOR USE IN PREVENTION AND  
TREATMENT OF CROHN'S DISEASE

(51) **Klasse :** **A61K 31/4965 (2006.01)**  
**A61K 31/497 (2006.01)**  
**A61P 7/06 (2006.01)**

(87) **EP Publ.nr:** EP3406251  
(86) **EP søkn.nr:** 18166225.5  
(86) **EP innl.dag:** 2012.05.03  
(87) **EP publ.dag:** 2018.11.28  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2011.05.03, US, 201161482171 P  
(73) **Innehaver:**  
Agius Pharmaceuticals, Inc., 88 Sidney Street Cambridge,  
MA 02139, US-USA

(72) **Oppfinner:**  
SU, Shin-San Michael, 128 Beacon Street, Unit FBoston,  
MA 02116, US-USA  
DANG, Lenny, 30 Union Park Street, No 201 Boston, MA  
02118, US-USA

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

(54) **Benevnelse:**  
PYRUVATE KINASE ACTIVATORS FOR USE IN  
THERAPY

(51) **Klasse :** **A61K 33/00 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 9/12 (2006.01)**  
**A61K 31/19 (2006.01)**  
**A61K 31/191 (2006.01)**  
**A61K 31/194 (2006.01)**  
**A61K 31/375 (2006.01)**  
**A61P 17/00 (2006.01)**  
**A61K 47/12 (2006.01)**

(87) **EP Publ.nr:** EP3407900  
(86) **EP søkn.nr:** 17744846.1  
(86) **EP innl.dag:** 2017.01.25  
(87) **EP publ.dag:** 2018.12.05  
(80) **EP meddelt :** 2024.01.10  
(30) **Prioritet:** 2016.01.27, US, 201662287755 P  
2016.12.12, US, 201662432744 P  
2016.12.22, US, 201662438375 P  
2017.01.25

(86) **Int.inndag :** 2017.01.25  
(86) **Int.søknadsnr :** PCT/US2017/014968

(73) **Innehaver:**  
SYK Technologies, LLC, 1102 S. BayfrontNewport Beach,  
California 92662, US-USA

(72) **Oppfinner:**  
MILLER, C. Michael, 1588 West 1010 NorthPleasant Grove  
Utah 84062, US-USA  
HILL, Gordon K., 10322 South 535 EastSandy Utah 84070,  
US-USA  
PATE, A. John, 1246 East 700 SouthProvo Utah 84606,  
US-USA  
BELL, David A., 542 South 350 EastFarmington Utah  
84025, US-USA

(74) **Fullmektig:**  
SYK Technologies, LLC, 1102 S. Bayfront Newport Beach,  
92662 CALIFORNIA, USA

(54) **Benevnelse:**  
NITRIC OXIDE TOPICAL APPLICATION APPARATUS  
AND METHODS

(51) **Klasse :** **A61K 39/00 (2006.01)**  
**A61K 39/39 (2006.01)**

(87) **EP Publ.nr:** EP3423087  
(86) **EP søkn.nr:** 17709038.8  
(86) **EP innl.dag:** 2017.03.03  
(87) **EP publ.dag:** 2019.01.09  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2016.03.04, GB, 201603805  
2016.06.08, GB, 201610018  
2017.03.03

(86) **Int.inndag :** 2017.03.03  
(86) **Int.søknadsnr :** PCT/EP2017/055093

(73) **Innehaver:**  
IO Biotech APS, Ole Maaløes Vej 32200 Copenhagen N,  
DK-Danmark

(72) **Oppfinner:**  
ANDERSEN, Mads, Hald, Hegnsvej 612850 Nærum, DK-  
Danmark

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

(54) **Benevnelse:**  
COMBINATION THERAPY AGAINST CANCER

- (51) **Klasse :** **A61K 45/06 (2006.01)**  
**A61K 31/194 (2006.01)**  
**A61K 31/197 (2006.01)**  
**A61K 31/216 (2006.01)**  
**A61K 31/221 (2006.01)**  
**A61K 31/225 (2006.01)**  
**A61K 31/401 (2006.01)**  
**A61K 31/41 (2006.01)**  
**A61P 9/10 (2006.01)**  
**A61P 9/12 (2006.01)**
- (87) **EP Publ.nr:** EP3626270  
(86) **EP søkn.nr:** 19202854.6  
(86) **EP innl.dag:** 2014.08.26  
(87) **EP publ.dag:** 2020.03.25  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2014.03.31, US, 201461972933 P  
2013.08.26, WO, PCT/US13/056680
- (73) **Innehaver:**  
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits
- (72) **Oppfinner:**  
SHI, Victor Chengwei, Novartis Pharmaceuticals Corporation One Health Plaza East Hanover, New Jersey 07936, US-USA  
LEFKOWITZ, Martin, Novartis Pharmaceuticals Corporation One Health Plaza East Hanover, New Jersey 07936, US-USA  
RIZKALA, Adel Remond, Novartis Pharmaceuticals Corporation One Health Plaza East Hanover, New Jersey 07936, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
TREATMENT OF CARDIOVASCULAR DISEASES

- (51) **Klasse :** **A61M 5/24 (2006.01)**  
**A61M 5/20 (2006.01)**
- (87) **EP Publ.nr:** EP3703792  
(86) **EP søkn.nr:** 18811992.9  
(86) **EP innl.dag:** 2018.11.04  
(87) **EP publ.dag:** 2020.09.09  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2017.11.04, US, 201762581694 P  
2017.11.04, US, 201762581701 P  
2018.11.04
- (86) **Int.inndag :** 2018.11.04  
(86) **Int.søknadsnr :** PCT/US2018/059113
- (73) **Innehaver:**  
Altaviz, LLC, 13766 Alton Parkway 143Irvine, CA 92618, US-USA
- (72) **Oppfinner:**  
AULD, Jack R., 28282 El SurLaguna Niguel CA 92677, US-USA  
SCHEIBER, Andrew, 24470 Averida De Los NinosLaguna Niguel CA 92677, US-USA  
McCAWLEY, Matthew, 1103 CaminanteSan Clemente CA 92673, US-USA  
FLOWERS, Matthew, 25 Destiny WayAliso Viejo CA 92656, US-USA  
KIM, Yule, 14255 Denver West Circle 5310Lakewood CO 80401, US-USA  
SOUZDA, Marcus, 2449 College DriveCosta Mesa CA 92626, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
INJECTION DEVICES AND METHODS FOR MAKING THEM

- (51) **Klasse :** **A61N 1/04 (2006.01)**  
**A61N 1/22 (2006.01)**  
**A61N 1/32 (2006.01)**  
**A61N 1/36 (2006.01)**
- (87) **EP Publ.nr:** EP3714935  
(86) **EP søkn.nr:** 20166069.3  
(86) **EP innl.dag:** 2018.10.11  
(87) **EP publ.dag:** 2020.09.30  
(80) **EP meddelt :** 2024.01.31  
(30) **Prioritet:** 2017.10.11, CZ, 20170647
- (73) **Innehaver:**  
Tesla Medical s.r.o., Sokola Tummy 1099/1 Hulváky709 00 Ostrava, CZ-Den tsjekkiske republikk
- (72) **Oppfinner:**  
DOSKOCIL, Lukas, Sokola Tummy 1099/1709 00 Ostrava, CZ-Den tsjekkiske republikk
- (74) **Fullmektig:**  
Valea AB, Box 1098, 40523 GÖTEBORG, Sverige
- (54) **Benevnelse:**  
NEUROMODULATION ELECTRODE ASSEMBLY

- (51) **Klasse :** **A62B 13/00 (2006.01)**  
**B01D 46/00 (2022.01)**  
**A62B 23/04 (2006.01)**  
**E04H 9/04 (2006.01)**
- (87) **EP Publ.nr:** EP4074382  
(86) **EP søkn.nr:** 22176604.1  
(86) **EP innl.dag:** 2017.07.05  
(87) **EP publ.dag:** 2022.10.19  
(80) **EP meddelt :** 2024.01.03  
(30) **Prioritet:** 2016.07.18, IL, 24682716
- (73) **Innehaver:**  
BETH-EL INDUSTRIES LTD, P.O. Box 166 1 Avshalom Road3095101 Zikhron Yaaqov, IL-Israel
- (72) **Oppfinner:**  
KOEGER, Samuel, 3095101 Zikhron Yaaqov, IL-Israel  
SCHNEIDER, Jonathan, 3095101 Zikhron Yaaqov, IL-Israel
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
COMPACT NBC FILTRATION SYSTEM FOR COLLECTIVE PROTECTION SHELTERS

- (51) **Klasse :** **A63G 27/00 (2006.01)**  
**A63G 27/02 (2006.01)**
- (87) **EP Publ.nr:** EP4112144  
(86) **EP søkn.nr:** 22177594.3  
(86) **EP innl.dag:** 2022.06.07  
(87) **EP publ.dag:** 2023.01.04  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2021.06.30, FR, 2107098
- (73) **Innehaver:**  
POMA, 109 Rue Aristide Bergès38340 Voreppe, FR-Frankrike
- (72) **Oppfinner:**  
MUGNIER, Jean-François, 38340 Voreppe, FR-Frankrike
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
LARGE-WHEEL INSTALLATION COMPRISING A STRUCTURE FOR GUIDING NACELLES HAVING SLIDING BALL-AND-SOCKET JOINT LINKS

(51) **Klasse :** **B01D 15/38 (2006.01)**  
**C07D 257/10 (2006.01)**  
**C07D 273/00 (2006.01)**  
**C07D 471/06 (2006.01)**

(87) **EP Publ.nr:** EP4077288  
(86) **EP søkn.nr:** 20833844.2  
(86) **EP innl.dag:** 2020.12.17  
(87) **EP publ.dag:** 2022.10.26  
(80) **EP meddelt :** 2023.12.13  
(30) **Prioritet:** 2019.12.20, EP, 19218962  
2020.04.03, EP, 20167932

(86) **Int.inndag :** 2020.12.17  
(86) **Int.søknadsnr :** PCT/EP2020/086847  
(73) **Innehaver:**  
Nuclear Research and Consultancy Group, P.O. Box  
251755 ZG Petten, NL-Nederland

(72) **Oppfinner:**  
MOLENAAR, Thomas Jacobus Maria, 3,  
Westerduinweg1755 LE Petten, NL-Nederland  
DE GROOT, Sander, 3, Westerduinweg1755 LE Petten,  
NL-Nederland

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

(54) **Benevnelse:**  
CHROMATOGRAPHIC SEPARATION OF METALS  
USING DOTA-BASED CHELATORS

(51) **Klasse :** **B01D 17/02 (2006.01)**  
**B01D 19/00 (2006.01)**

(87) **EP Publ.nr:** EP2408533  
(86) **EP søkn.nr:** 10709298.3  
(86) **EP innl.dag:** 2010.03.18  
(87) **EP publ.dag:** 2012.01.25  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2009.03.20, NL, 2002648  
(86) **Int.inndag :** 2010.03.18  
(86) **Int.søknadsnr :** PCT/NL2010/000047  
(73) **Innehaver:**  
FLAMCO B.V., Fort Blauwkapel 11358 DB Almere, NL-  
Nederland

(72) **Oppfinner:**  
CNOSSEN, Jan Henk, 29 Gerben YpmastraatNL-8723 CP  
Koudum, NL-Nederland

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

(54) **Benevnelse:**  
IMPROVED COMBINED GAS REMOVAL, DIRT  
REMOVAL AND CONTAMINATING LIQUID REMOVAL  
DEVICE

(51) **Klasse :** **B01D 46/00 (2022.01)**  
**B01D 46/12 (2022.01)**  
**F24F 8/108 (2021.01)**

(87) **EP Publ.nr:** EP4062994  
(86) **EP søkn.nr:** 21164518.9  
(86) **EP innl.dag:** 2021.03.24  
(87) **EP publ.dag:** 2022.09.28  
(80) **EP meddelt :** 2023.11.08  
(73) **Innehaver:**  
TROX GmbH, Heinrich-Trox-Platz 147506 Neukirchen-  
Vluyn, DE-Tyskland

(72) **Oppfinner:**  
Bringsken, Henning, 47447 Moers, DE-Tyskland

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

(54) **Benevnelse:**  
METHOD FOR MOUNTING A FILTER CELL FOR A  
ROOM AIR INSTALLATION

(51) **Klasse :** **B01F 23/451 (2022.01)**  
**A62C 5/00 (2006.01)**  
**A62C 5/02 (2006.01)**  
**B01F 23/40 (2022.01)**  
**B01F 35/83 (2022.01)**

(87) **EP Publ.nr:** EP4041442  
(86) **EP søkn.nr:** 20789024.5  
(86) **EP innl.dag:** 2020.10.02  
(87) **EP publ.dag:** 2022.08.17  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2019.10.08, DE, 102019215406

(86) **Int.inndag :** 2020.10.02  
(86) **Int.søknadsnr :** PCT/EP2020/077617  
(73) **Innehaver:**  
Firedos GmbH, Auf der Kaulbahn 661200 Wölfersheim,  
DE-Tyskland

(72) **Oppfinner:**  
HULINSKY, Andreas, Kaitzer Str. 4201187 Dresden, DE-  
Tyskland  
ZIMMERMANN, Fritz, Baumstrasse 1689547 Gerstetten,  
DE-Tyskland

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

(54) **Benevnelse:**  
MIXING SYSTEM FOR FIRE EXTINGUISHING SYSTEMS,  
AND METHOD FOR OPERATING SUCH A MIXING  
SYSTEM

(51) **Klasse :** **B01F 23/451 (2022.01)**  
**A62C 5/02 (2006.01)**  
**B01F 23/40 (2022.01)**  
**B01F 35/71 (2022.01)**  
**B01F 35/83 (2022.01)**

(87) **EP Publ.nr:** EP4041443  
(86) **EP søkn.nr:** 20789026.0  
(86) **EP innl.dag:** 2020.10.02  
(87) **EP publ.dag:** 2022.08.17  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2019.10.08, DE, 102019215407

(86) **Int.inndag :** 2020.10.02  
(86) **Int.søknadsnr :** PCT/EP2020/077630  
(73) **Innehaver:**  
Firedos GmbH, Auf der Kaulbahn 661200 Wölfersheim,  
DE-Tyskland

(72) **Oppfinner:**  
HULINSKY, Andreas, Kaitzer Str. 4201187 Dresden, DE-  
Tyskland  
SCHLEPP, Alexander, Tulpenstrasse 635418 Buseck, DE-  
Tyskland

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

(54) **Benevnelse:**  
ADMIXING SYSTEM FOR FIRE-EXTINGUISHING  
INSTALLATIONS AND METHOD FOR OPERATING SUCH  
AN ADMIXING SYSTEM

- (51) **Klasse :** **B01J 8/00 (2006.01)**  
**B01J 19/00 (2006.01)**
- (87) **EP Publ.nr:** EP4132698  
(86) **EP søkn.nr:** 21723062.2  
(86) **EP innl.dag:** 2021.04.09  
(87) **EP publ.dag:** 2023.02.15  
(80) **EP meddelt :** 2024.01.24  
(30) **Prioritet:** 2020.05.07, GB, 202006793  
2020.04.10, US, 202063008203 P  
(86) **Int.inndag :** 2021.04.09  
(86) **Int.søknadsnr :** PCT/US2021/026609  
(73) **Innehaver:**  
Velocys Technologies Limited, Magdalen Centre Robert  
Robinson Avenue The Oxford Science ParkOxford, OX4  
4GA, GB-Storbritannia
- (72) **Oppfinner:**  
ROBOTA, Heinz J., 7654 Glanmore CourtDublin, Ohio  
43017, US-USA  
ARORA, Ravi, 7043 Cunningham DriveNew Albany, Ohio  
43054, US-USA  
LUZENSKI, Robert J., 19976 Barker RoadMarysville, Ohio  
43040, US-USA  
ROBINSON, Jason R., 1440 Wyandotte RoadColumbus,  
Ohio 43212, US-USA  
WHITE, Brendan R., 218 Rosslyn AvenueColumbus, Ohio  
43214, US-USA  
YUSCHAK, Thomas, 2792 Bold Venture DriveLewis  
Center, Ohio 43035, US-USA  
NEAGLE, Paul W., 233 Apache StreetWesterville, Ohio  
43081, US-USA  
JAROSCH, Kai Tod Paul, Decker BuildingCorning, New  
York 14831, US-USA  
YANG, Bin, 5440 Riverport DriveColumbus, Ohio 43221,  
US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
PROCESS AND APPARATUS FOR REMOVING SOLID  
CATALYST

- (51) **Klasse :** **B07B 7/083 (2006.01)**  
**B07B 11/06 (2006.01)**
- (87) **EP Publ.nr:** EP3925709  
(86) **EP søkn.nr:** 21190772.0  
(86) **EP innl.dag:** 2019.11.25  
(87) **EP publ.dag:** 2021.12.22  
(80) **EP meddelt :** 2023.10.18  
(30) **Prioritet:** 2018.12.13, DE, 102018132155  
(73) **Innehaver:**  
NETZSCH-Feinmahltechnik GmbH, Sedanstrasse 7095100  
Selb, DE-Tyskland
- (72) **Oppfinner:**  
Alegre, Sergio, 08904 L Hospitalet de Llobregat, ES-Spania
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
SENTRIFUGALSEPARATOR MED SPESIELT  
SEPARATORHJUL

- (51) **Klasse :** **B22D 11/00 (2006.01)**  
**B22D 11/049 (2006.01)**  
**B22D 11/11 (2006.01)**  
**B22D 11/124 (2006.01)**  
**B22D 11/16 (2006.01)**  
**B22D 11/22 (2006.01)**
- (87) **EP Publ.nr:** EP4076787  
(86) **EP søkn.nr:** 20842122.2  
(86) **EP innl.dag:** 2020.12.18  
(87) **EP publ.dag:** 2022.10.26  
(80) **EP meddelt :** 2024.01.31  
(30) **Prioritet:** 2019.12.20, US, 201962951884 P  
(86) **Int.inndag :** 2020.12.18  
(86) **Int.søknadsnr :** PCT/US2020/065922  
(73) **Innehaver:**  
Novelis, Inc., 3560 Lenox Road, Suite 2000Atlanta, GA  
30326, US-USA
- (72) **Oppfinner:**  
WAGSTAFF, Samuel Robert, 2418 Stockton DriveMarietta,  
Georgia 30066, US-USA  
WAGSTAFF, Robert Bruce, 22710 East Henry  
RoadGreenacres, Washington 99016, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
REDUCED FINAL GRAIN SIZE OF UNRECRYSTALLIZED  
WROUGHT MATERIAL PRODUCED VIA THE DIRECT  
CHILL (DC) ROUTE

- (51) **Klasse :** **B23K 26/03 (2006.01)**  
**A61B 18/20 (2006.01)**  
**B22F 3/105 (2006.01)**  
**B23K 9/095 (2006.01)**  
**B23K 15/00 (2006.01)**  
**B23K 15/02 (2006.01)**  
**B23K 15/08 (2006.01)**  
**B23K 26/14 (2014.01)**  
**B23K 26/21 (2014.01)**  
**B23K 26/362 (2014.01)**  
**B23K 26/382 (2014.01)**
- (87) **EP Publ.nr:** EP2619633  
(86) **EP søkn.nr:** 11826290.6  
(86) **EP innl.dag:** 2011.09.26  
(87) **EP publ.dag:** 2013.07.31  
(80) **EP meddelt :** 2023.12.06  
(30) **Prioritet:** 2010.09.25, US, 386496 P  
2011.01.21, US, 201161435076 P  
(86) **Int.inndag :** 2011.09.26  
(86) **Int.søknadsnr :** PCT/CA2011/050599  
(73) **Innehaver:**  
IPG Photonics (Canada) Inc., 199 Bay Street, Suite 5300  
Commerce Court West, Toronto ON M5L1B9, CA-Canada
- (72) **Oppfinner:**  
WEBSTER, Paul J. L., 503-135 Ontario StreetKingston  
Ontario K7L 0A5, CA-Canada  
FRASER, James M., 142 Campbell CrescentKingston  
Ontario K7M 1Z5, CA-Canada  
YANG, Victor X. D., 22-325 Jarvis StreetToronto Ontario  
M5B 2C2, CA-Canada
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
METHOD OF COHERENT IMAGING AND FEEDBACK  
CONTROL FOR MODIFICATION OF MATERIALS

- (51) **Klasse :** **B23K 26/242 (2014.01)**  
**B23K 26/064 (2014.01)**  
**B23K 26/073 (2006.01)**  
**B23K 26/20 (2014.01)**  
**B23K 103/10 (2006.01)**
- (87) **EP Publ.nr:** EP4045223  
(86) **EP søkn.nr:** 20803066.8  
(86) **EP innl.dag:** 2020.10.16  
(87) **EP publ.dag:** 2022.08.24  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2019.10.17, DE, 102019215968  
(86) **Int.inndag :** 2020.10.16  
(86) **Int.søknadsnr :** PCT/EP2020/079269  
(73) **Innehaver:**  
Trumpf Laser- und Systemtechnik GmbH, Johann-Maus-Strasse 271254 Ditzingen, DE-Tyskland
- (72) **Oppfinner:**  
SCHEIBLE, Philipp, Hausgasse 17/171254 Ditzingen, DE-Tyskland  
SEEBACH, Johannes, Forststrasse 156 A70193 Stuttgart, DE-Tyskland  
BOCKSRÖCKER, Oliver, Einsteinstrasse 674343 Sachsenheim, DE-Tyskland
- (74) **Fullmektig:**  
PLOGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge
- (54) **Benevnelse:**  
LASER WELDING METHOD FOR CORNER CONNECTIONS OF WORKPIECE PARTS

- (51) **Klasse :** **B29C 65/34 (2006.01)**  
**B29K 23/00 (2006.01)**  
**G02B 6/255 (2006.01)**  
**G02B 6/44 (2006.01)**
- (87) **EP Publ.nr:** EP3856498  
(86) **EP søkn.nr:** 19773253.0  
(86) **EP innl.dag:** 2019.09.06  
(87) **EP publ.dag:** 2021.08.04  
(80) **EP meddelt :** 2024.01.03  
(30) **Prioritet:** 2018.09.27, US, 201816144500  
(86) **Int.inndag :** 2019.09.06  
(86) **Int.søknadsnr :** PCT/US2019/049899  
(73) **Innehaver:**  
Raytheon Company, 870 Winter Street Waltham, MA 02451, US-USA
- (72) **Oppfinner:**  
CARCONE, John, 1847 West Main Rd. Portsmouth, RI 02871-1087, US-USA  
CARLSTEN, Curtis B., 1847 West Main Rd. Portsmouth, RI 02871-1087, US-USA  
WILLEY, Peter M., 1847 West Main Rd. Portsmouth, RI 02871-1087, US-USA
- (74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO, Norge
- (54) **Benevnelse:**  
PLUG FOR AN UNDERSEA CABLE

- (51) **Klasse :** **B29D 23/00 (2006.01)**  
**B29C 63/26 (2006.01)**  
**C09D 167/06 (2006.01)**  
**F16L 58/10 (2006.01)**
- (87) **EP Publ.nr:** EP3592542  
(86) **EP søkn.nr:** 18709597.1  
(86) **EP innl.dag:** 2018.03.09  
(87) **EP publ.dag:** 2020.01.15  
(80) **EP meddelt :** 2023.12.06  
(30) **Prioritet:** 2017.03.09, EP, 17000381  
2017.04.20, EP, 17167302
- (86) **Int.inndag :** 2018.03.09  
(86) **Int.søknadsnr :** PCT/EP2018/055922  
(73) **Innehaver:**  
Amiblu Technology AS, Østre Kullerød 33241 Sandefjord Norge
- (72) **Oppfinner:**  
HAAVALDSEN, Jane Hilary Thatcher, Hauenåsen 103213 Sandefjord Norge  
SYVERSEN, Kjell, Tony, Sauegata 13260 Larvik Norge
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
LINER REINFORCED BY NON-WOVEN FIBRES FOR IMPACT RESISTANT GRP PIPES

- (51) **Klasse :** **B32B 5/18 (2006.01)**  
**B32B 15/08 (2006.01)**  
**E04B 1/74 (2006.01)**  
**E04B 1/76 (2006.01)**
- (87) **EP Publ.nr:** EP3094483  
(86) **EP søkn.nr:** 14830690.5  
(86) **EP innl.dag:** 2014.12.17  
(87) **EP publ.dag:** 2016.11.23  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2014.01.17, IT, MI20140054  
(86) **Int.inndag :** 2014.12.17  
(86) **Int.søknadsnr :** PCT/IB2014/067005  
(73) **Innehaver:**  
Silcart S.p.A., Via Spencenigo, 531030 Carbonera, Frazione Mignagola TV, IT-Italia
- (72) **Oppfinner:**  
FAOTTO, Ugo, c/o SILCART S.p.A. Via Spencenigo 5 Mignagola-31030 Carbonera (TV), IT-Italia
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
SUPPORT LAYER OF AN INSULATION PANEL FOR CONSTRUCTION



(51) **Klasse :** **B41J 2/045 (2006.01)**  
 (87) **EP Publ.nr:** EP3717254  
 (86) **EP søkn.nr:** 19706171.6  
 (86) **EP innl.dag:** 2019.02.06  
 (87) **EP publ.dag:** 2020.10.07  
 (80) **EP meddelt :** 2023.12.20  
 (86) **Int.inndag :** 2019.02.06  
 (86) **Int.søknadsnr :** PCT/US2019/016818  
 (73) **Innehaver:**  
 Hewlett-Packard Development Company, L.P., 10300  
 Energy DriveSpring TX 77389, US-USA  
 (72) **Oppfinner:**  
 LINN, Scott A., 1070 NE Circle BlvdSpring, Texas 97330-  
 4241, US-USA  
 GARDNER, James Michael, 1070 NE Circle BlvdSpring,  
 Texas 97330-4241, US-USA  
 CUMBIE, Michael W., 1070 NE Circle BlvdSpring, Texas  
 97330-4241, US-USA  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 INTEGRATED CIRCUIT WITH ADDRESS DRIVERS FOR  
 FLUIDIC DIE

(51) **Klasse :** **B60N 2/015 (2006.01)**  
**B60N 2/08 (2006.01)**  
**B64D 11/06 (2006.01)**  
 (87) **EP Publ.nr:** EP3840982  
 (86) **EP søkn.nr:** 19759696.8  
 (86) **EP innl.dag:** 2019.08.21  
 (87) **EP publ.dag:** 2021.06.30  
 (80) **EP meddelt :** 2023.12.13  
 (30) **Prioritet:** 2018.08.22, GB, 201813651  
 (86) **Int.inndag :** 2019.08.21  
 (86) **Int.søknadsnr :** PCT/GB2019/052350  
 (73) **Innehaver:**  
 NMI Safety Systems Limited, 16 IO Centre Arlington  
 Business Park Whittle WayStevenage, Hertfordshire SG1  
 2BD, GB-Storbritannia  
 (72) **Oppfinner:**  
 SAWDY, Michael, Breydon Mill LaneSwaffham, Norfolk  
 PE37 7EU, GB-Storbritannia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 ADAPTABLE VEHICLE SEAT FITTING

(51) **Klasse :** **B60N 2/879 (2018.01)**  
**B60N 2/885 (2018.01)**  
**H04R 1/28 (2006.01)**  
**H04R 5/02 (2006.01)**  
 (87) **EP Publ.nr:** EP3868602  
 (86) **EP søkn.nr:** 21157811.7  
 (86) **EP innl.dag:** 2021.02.18  
 (87) **EP publ.dag:** 2021.08.25  
 (80) **EP meddelt :** 2023.10.25  
 (30) **Prioritet:** 2020.02.19, FR, 2001631  
 (73) **Innehaver:**  
 Faurecia Clarion Electronics Europe, 40 Avenue Des  
 Terroirs De France75012 Paris, FR-Frankrike  
 (72) **Oppfinner:**  
 SOLTNER, Stéphane, 5 Grande rue70240  
 MAILLERONCOURT-CHARENTE, FR-Frankrike  
 NOIROT, Jérôme, 14 rue du Perche75003 PARIS, FR-  
 Frankrike  
 ELLER, Benjamin, 10 rue de la Cour des Noues75020  
 PARIS, FR-Frankrike  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 HEADREST COMPRISING AT LEAST ONE SPEAKER  
 SYSTEM

(51) **Klasse :** **B60P 7/08 (2006.01)**  
**A01K 27/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3853067  
 (86) **EP søkn.nr:** 19797768.9  
 (86) **EP innl.dag:** 2019.09.20  
 (87) **EP publ.dag:** 2021.07.28  
 (80) **EP meddelt :** 2023.10.18  
 (30) **Prioritet:** 2018.09.21, FI, 20185793  
 2018.12.07, FI, 20186058  
 (86) **Int.inndag :** 2019.09.20  
 (86) **Int.søknadsnr :** PCT/FI2019/050681  
 (73) **Innehaver:**  
 Jeiko Innovations Oy, Ranssunkaari 8 B 3105800  
 Hyvinkää, FI-Finland  
 (72) **Oppfinner:**  
 HICKS, Richard, 26 Latchmere LaneKingston Upon  
 Thames, Surrey KT2 5PD, GB-Storbritannia  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (54) **Benevnelse:**  
 SPRING LOADED RETRACTABLE DEVICE

(51) **Klasse :** **B61B 12/06 (2006.01)**  
**G01R 31/08 (2020.01)**  
 (87) **EP Publ.nr:** EP4043312  
 (86) **EP søkn.nr:** 22152610.6  
 (86) **EP innl.dag:** 2022.01.21  
 (87) **EP publ.dag:** 2022.08.17  
 (80) **EP meddelt :** 2023.11.29  
 (30) **Prioritet:** 2021.02.11, FR, 2101331  
 (73) **Innehaver:**  
 POMA, 109 Rue Aristide Bergès38340 Voreppe, FR-  
 Frankrike  
 (72) **Oppfinner:**  
 MATHIEU, Christian, 38180 SEYSSINS, FR-Frankrike  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 FAULT LOCATING SYSTEM

(51) **Klasse :** *B63B 21/56 (2006.01)*  
*B63B 35/66 (2006.01)*  
*B63B 35/68 (2006.01)*  
*B63H 25/42 (2006.01)*  
*B66D 1/48 (2006.01)*  
*B66D 1/50 (2006.01)*  
*G05D 1/02 (2020.01)*

(87) **EP Publ.nr:** EP3478565  
(86) **EP søkn.nr:** 17820608.2  
(86) **EP innl.dag:** 2017.06.28  
(87) **EP publ.dag:** 2019.05.08  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2016.07.01, NO, 20161097  
(86) **Int.inndag :** 2017.06.28  
(86) **Int.søknadsnr :** PCT/NO2017/050169  
(73) **Innehaver:**  
Kongsberg Maritime AS, Strandpromenaden 503183  
HortenNorge

(72) **Oppfinner:**  
CALLAWAY, Mark, c/o Rolls-Royce Marine AS Postboks  
15226025 ÅlesundNorge

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

(54) **Benevnelse:**  
DYNAMIC TUG WINCH CONTROL

(51) **Klasse :** *B63B 59/04 (2006.01)*  
*B08B 17/02 (2006.01)*  
*F21V 23/02 (2006.01)*  
*F21V 23/04 (2006.01)*  
*F21V 31/00 (2006.01)*  
*F21W 107/20 (2018.01)*  
*F21Y 105/16 (2016.01)*  
*F21Y 115/10 (2016.01)*  
*G01F 23/26 (2022.01)*  
*G01F 23/292 (2006.01)*

(87) **EP Publ.nr:** EP3853120  
(86) **EP søkn.nr:** 19768848.4  
(86) **EP innl.dag:** 2019.09.18  
(87) **EP publ.dag:** 2021.07.28  
(80) **EP meddelt :** 2023.12.13  
(30) **Prioritet:** 2018.09.20, EP, 18195677  
(86) **Int.inndag :** 2019.09.18  
(86) **Int.søknadsnr :** PCT/EP2019/075007  
(73) **Innehaver:**  
Koninklijke Philips N.V., High Tech Campus 525656 AG  
Eindhoven, NL-Nederland

(72) **Oppfinner:**  
LEIJSSSEN, Jacobus, Josephus, High Tech Campus 55656  
AE Eindhoven, NL-Nederland

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

(54) **Benevnelse:**  
METHOD AND SYSTEM FOR PROTECTING A SURFACE  
AGAINST BIOFOULING

(51) **Klasse :** *B64D 1/02 (2006.01)*  
*B64D 1/00 (2006.01)*  
*F41F 7/00 (2006.01)*  
*F41H 11/00 (2006.01)*  
*F41H 11/02 (2006.01)*

(87) **EP Publ.nr:** EP3837171  
(86) **EP søkn.nr:** 18930469.4  
(86) **EP innl.dag:** 2018.08.14  
(87) **EP publ.dag:** 2021.06.23  
(80) **EP meddelt :** 2023.11.22  
(86) **Int.inndag :** 2018.08.14  
(86) **Int.søknadsnr :** PCT/SE2018/050822  
(73) **Innehaver:**  
SAAB AB, 581 88 Linköping, SE-Sverige

(72) **Oppfinner:**  
BYSTRÖM, Gunnar, Ekhammarsvägen 3C196 31  
Kungsängen, SE-Sverige

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

(54) **Benevnelse:**  
PAYLOAD LAUNCHING ARRANGEMENT AND A  
METHOD FOR LAUNCHING A PAYLOAD

(51) **Klasse :** *B65F 1/00 (2006.01)*  
*B65F 1/16 (2006.01)*

(87) **EP Publ.nr:** EP3766806  
(86) **EP søkn.nr:** 20186312.3  
(86) **EP innl.dag:** 2020.07.16  
(87) **EP publ.dag:** 2021.01.20  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2019.07.18, FR, 1908179  
(73) **Innehaver:**  
SULO France, 3 rue Garibaldi69800 Saint-Priest, FR-  
Frankrike

(72) **Oppfinner:**  
OLLIER, Fabrice, 441 Grande rue01700 Miribel, FR-  
Frankrike

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

(54) **Benevnelse:**  
CONTAINER FOR COLLECTING WASTE WITH DOUBLE  
LID PROVIDED WITH A DEVICE FOR RETAINING THE  
LIDS

(51) **Klasse :** *B65F 1/16 (2006.01)*  
*B65F 1/00 (2006.01)*

(87) **EP Publ.nr:** EP3722229  
(86) **EP søkn.nr:** 19206236.2  
(86) **EP innl.dag:** 2019.10.30  
(87) **EP publ.dag:** 2020.10.14  
(80) **EP meddelt :** 2023.12.13  
(30) **Prioritet:** 2018.10.31, DE, 102018127294  
(73) **Innehaver:**  
ESE World B.V., Luxemburglaan 356199 AM Maastricht-  
Airport, NL-Nederland

(72) **Oppfinner:**  
Dietz, Torsten, Schöne Aussicht 1933178 Borchon-Etteln,  
DE-Tyskland

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

(54) **Benevnelse:**  
FASTENING DEVICE AND WASTE COLLECTING  
CONTAINER COMPRISING A FASTENING DEVICE

(51) **Klasse :** C01B 3/38 (2006.01)  
C25B 1/00 (2021.01)

(87) **EP Publ.nr:** EP3867194

(86) **EP søkn.nr:** 19786529.8

(86) **EP innl.dag:** 2019.10.08

(87) **EP publ.dag:** 2021.08.25

(80) **EP meddelt :** 2023.12.06

(30) **Prioritet:** 2018.10.15, DK, PA201800726

(86) **Int.inndag :** 2019.10.08

(86) **Int.søknadsnr :** PCT/EP2019/077154

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

(72) **Oppfinner:**  
MORTENSEN, Peter Mølgaard, Tofteengen 274000 Roskilde, DK-Danmark

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

(54) **Benevnelse:**  
METHOD FOR THE PREPARATION OF SYNTHESIS GAS

(51) **Klasse :** C01B 3/40 (2006.01)  
B01J 23/63 (2006.01)  
B01J 37/02 (2006.01)

(87) **EP Publ.nr:** EP3710400

(86) **EP søkn.nr:** 17809119.5

(86) **EP innl.dag:** 2017.11.15

(87) **EP publ.dag:** 2020.09.23

(80) **EP meddelt :** 2023.10.25

(86) **Int.inndag :** 2017.11.15

(86) **Int.søknadsnr :** PCT/US2017/061783

(73) **Innehaver:**  
Gas Technology Institute, 1700 S Mount Prospect Road Des Plaines, IL 60018, US-USA

(72) **Oppfinner:**  
MARKER, Terry L., 2380 Oak Tree LanePark Ridge, Illinois 60068, US-USA  
LINCK, Martin B., 2010 Hollywood CourtWilmette, Illinois 60091, US-USA  
WANGEROW, Jim, 1140 Edmer AvenueOak Park, Illinois 60302, US-USA  
ORTIZ-TORAL, Pedro, 45 Laurel TrailWheeling, Illinois 60090, US-USA

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

(54) **Benevnelse:**  
PROCESS FOR REFORMING OF METHANE

(51) **Klasse :** C02F 101/32 (2006.01)  
B01D 1/00 (2006.01)  
B01D 17/02 (2006.01)  
B01D 21/00 (2006.01)  
B01D 21/02 (2006.01)  
B01D 21/24 (2006.01)  
B03D 1/14 (2006.01)  
B03D 1/24 (2006.01)  
C02F 1/24 (2023.01)  
C02F 103/10 (2006.01)

(87) **EP Publ.nr:** EP3375525

(86) **EP søkn.nr:** 18161980.0

(86) **EP innl.dag:** 2018.03.15

(87) **EP publ.dag:** 2018.09.19

(80) **EP meddelt :** 2024.01.03

(30) **Prioritet:** 2017.03.16, NO, 20170389

(73) **Innehaver:**  
Grant Prideco, Inc., 1209 Orange StreetWilmington, DE 19801, US-USA

(72) **Oppfinner:**  
NEWTON, Tim, 1 Oak Farm Close BlackwaterCamberley, GU17 0JU, GB-Storbritannia  
VANJO-CARNELL, James, 9 Wilmot WayCamberley, Surrey GU15 1JA, GB-Storbritannia

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

(54) **Benevnelse:**  
MULTISTAGE COMPACT FLOTATION UNIT

(51) **Klasse :** C03B 5/225 (2006.01)  
C03B 5/235 (2006.01)  
C03B 7/06 (2006.01)

(87) **EP Publ.nr:** EP4038026

(86) **EP søkn.nr:** 20797252.2

(86) **EP innl.dag:** 2020.09.30

(87) **EP publ.dag:** 2022.08.10

(80) **EP meddelt :** 2023.12.20

(30) **Prioritet:** 2019.10.01, US, 201916590068

(86) **Int.inndag :** 2020.09.30

(86) **Int.søknadsnr :** PCT/US2020/053394

(73) **Innehaver:**  
Owens-Brockway Glass Container Inc., One Michael Owens WayPerrysburg, OH 43551, US-USA

(72) **Oppfinner:**  
RASHLEY, Shane T., 1801 Waterford DriveBowling Green, OH 43402, US-USA  
SOLEY, David, 218 N. Main St.Swanton, OH 43558, US-USA

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

(54) **Benevnelse:**  
STILLING VESSEL FOR SUBMERGED COMBUSTION MELTER



- (51) **Klasse :** C03B 37/04 (2006.01)  
 (87) **EP Publ.nr.:** EP3765422  
 (86) **EP søkn.nr.:** 19715177.2  
 (86) **EP innl.dag:** 2019.03.13  
 (87) **EP publ.dag:** 2021.01.20  
 (80) **EP meddelt :** 2023.12.20  
 (30) **Prioritet:** 2018.03.14, FR, 1852205  
 (86) **Int.inndag :** 2019.03.13  
 (86) **Int.søknadsnr :** PCT/FR2019/050548  
 (73) **Innehaver:**  
 SAINT-GOBAIN ISOVER, Tour Saint-Gobain 12 Place de l'Iris92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
 OUERGHEMMI, Ezzeddine, 9 Avenue de la Résidence92160 ANTONY, FR-Frankrike  
 LIEBERKNECHT, Hans Michael, 31 Impasse de la Prée60280 MARGNY LES COMPIEGNE, FR-Frankrike  
 DEPUILLE, Jean-Dominique, 90 Rue de la Canonnière Boulincourt60600 AGNETZ, FR-Frankrike
- (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
 DEVICE FOR MODIFYING THE TEMPERATURE OF A FIBRE-FORMING PLATE

- (51) **Klasse :** C07C 333/04 (2006.01)  
 (87) **EP Publ.nr.:** EP3558943  
 (86) **EP søkn.nr.:** 17826404.0  
 (86) **EP innl.dag:** 2017.12.20  
 (87) **EP publ.dag:** 2019.10.30  
 (80) **EP meddelt :** 2023.10.18  
 (30) **Prioritet:** 2016.12.21, US, 201615387067  
 2017.01.31, WO, PCT/US17/015886
- (86) **Int.inndag :** 2017.12.20  
 (86) **Int.søknadsnr :** PCT/US2017/067756  
 (73) **Innehaver:**  
 Arcturus Therapeutics, Inc., 10628 Science Center Drive Suite 250San Diego, CA 92121, US-USA
- (72) **Oppfinner:**  
 PAYNE, Joseph, E., c/o Arcturus Therapeutics, Inc. 10628 Science Center Drive Suite 250San Diego, CA 92121, US-USA  
 CHIVIKULA, Padmanabh, c/o Arcturus Therapeutics, Inc. 10628 Science Center Drive Suite 250San Diego, CA 92121, US-USA  
 TANIS, Steven, P., c/o Arcturus Therapeutics, Inc. 10628 Science Center Drive Suite 250San Diego, CA 92121, US-USA  
 KARMALI, Priya, c/o Arcturus Therapeutics, Inc. 10628 Science Center Drive Suite 250San Diego, CA 92121, US-USA
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
 IONIZABLE CATIONIC LIPID FOR RNA DELIVERY

- (51) **Klasse :** C07D 209/48 (2006.01)  
 C08G 73/00 (2006.01)  
 C08G 75/14 (2006.01)  
 H01M 4/137 (2010.01)  
 H01M 10/056 (2010.01)
- (87) **EP Publ.nr.:** EP3692017  
 (86) **EP søkn.nr.:** 18864901.6  
 (86) **EP innl.dag:** 2018.10.02  
 (87) **EP publ.dag:** 2020.08.12  
 (80) **EP meddelt :** 2023.11.29  
 (30) **Prioritet:** 2017.10.02, CA, 2981012  
 (86) **Int.inndag :** 2018.10.02  
 (86) **Int.søknadsnr :** PCT/CA2018/051239  
 (73) **Innehaver:**  
 Hydro-Québec, 75 Boulevard René-Lévesque OuestMontréal, QC H2Z 1A4, CA-Canada
- (72) **Oppfinner:**  
 LÉVESQUE-BÉLANGER, Rachel, 34 rue des SapinsMercier, Québec J6R 1X9, CA-Canada  
 PAOLELLA, Andrea, 4105 avenue LavalMontréal, Québec H2W 2J4, CA-Canada  
 DAIGLE, Jean-Christophe, 270 rue CicotSt-Bruno-De-Montarville, Québec J3V 1V7, CA-Canada  
 COMMARIEU, Basile, 3815 rue St-DenisMontréal, Québec H2W 2M4, CA-Canada  
 ARMAND, Michel, 8 rue Daguerre75014 Paris, FR-Frankrike  
 ZAGHIB, Karim, 2006 rue Marcelle FerronLongueuil, Québec J4N 1T8, CA-Canada
- (74) **Fullmektig:**  
 Cosmovici Intellectual Property, Rue du Commerce 4, 1204 GENÈVE, Sveits
- (54) **Benevnelse:**  
 SULFUR-CONTAINING COMPOUNDS AND POLYMERS AND THE USE THEREOF IN ELECTROCHEMICAL CELLS

- (51) **Klasse :** C07J 1/00 (2006.01)  
A61K 31/566 (2006.01)  
A61K 31/58 (2006.01)  
A61P 9/04 (2006.01)  
C07J 41/00 (2006.01)  
C07J 43/00 (2006.01)  
C07J 21/00 (2006.01)  
C07J 51/00 (2006.01)
- (87) **EP Publ.nr:** EP3805243  
(86) **EP søkn.nr:** 19202257.2  
(86) **EP innl.dag:** 2019.10.09  
(87) **EP publ.dag:** 2021.04.14  
(80) **EP meddelt :** 2023.11.15  
(73) **Innehaver:**  
Windtree Therapeutics, Inc., 2600 Kelly Road, Suite  
100Warrington, PA 18976-3622, US-USA
- (72) **Oppfinner:**  
CERRI, Alberto, ""deceased, IT-Italia  
FERRARI, Patrizia, Via Gasparotto 5721100 Varese, IT-  
Italia  
FERRANDI, Mara, Via Cenisio 3420100 Milano, IT-Italia  
BARASSI, Paolo, Via Campagnetta 6B21010  
Castelvaccana (VA), IT-Italia  
BIANCHI, Giuseppe, Piazza Adigrat 420133 Milano, IT-  
Italia  
HSU, Shin-Che, 3F.,No,50,Aly.119,Ln.103,Sec.2 Neihu Rd  
Neihu DistTAIWAN, CN-Kina  
PERI, Francesco, Via Chopin 9920141 Milano, IT-Italia  
ZAZA, Antonio, Via Vincenzo Foppa 1120144 Milano, IT-  
Italia  
ROCCHETTI, Marcella, Viale della Vittoria 30/A20861  
Brugherio (MB), IT-Italia  
LURAGHI, Andrea, Via M.D'Azeglio 120023 Cerro  
Maggiore, IT-Italia  
TORRE, Eleonora, Via Segantini 2520832 Desio (MB), IT-  
Italia  
RONCHI, Carlotta, Via Budua 620159 Milano, IT-Italia
- (74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
Norge
- (54) **Benevnelse:**  
ANDROSTANE DERIVATIVES WITH ACTIVITY AS PURE  
OR PREDOMINANTLY PURE STIMULATORS OF  
SERCA2A FOR THE TREATMENT OF HEART FAILURE
- 
- (51) **Klasse :** C07K 5/02 (2006.01)  
A61K 47/64 (2017.01)  
A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3717503  
(86) **EP søkn.nr:** 18822212.9  
(86) **EP innl.dag:** 2018.11.30  
(87) **EP publ.dag:** 2020.10.07  
(80) **EP meddelt :** 2023.11.08  
(30) **Prioritet:** 2017.11.30, US, 201762592721 P  
(86) **Int.inndag :** 2018.11.30  
(86) **Int.søknadsnr :** PCT/US2018/063376  
(73) **Innehaver:**  
LadRx Corporation, 11726 San Vicente Blvd., Suite 650Los  
Angeles, CA 90049, US-USA
- (72) **Oppfinner:**  
KRATZ, Felix, Thiergartenstrasse 979238 Ehrenkirchen,  
DE-Tyskland  
ABU AJAJ, Khalid, Muehlenstr. 6813187 Berlin, DE-  
Tyskland  
WARNECKE, Anna, Kartaeuserstrasse 9279104 Freiburg,  
DE-Tyskland  
NOLLMANN, Friederike I., Dorfstrasse 179194  
Gundelfingen, DE-Tyskland  
KOESTER, Stephan David, Dorfstr. 179194 Gundelfingen,  
DE-Tyskland  
GARCIA FERNANDEZ, Javier, 42 Avenue Germaine Tillion  
Les Palmiers, Bat C34070 Montpellier, FR-Frankrike  
PES, Lara, 402 East 72nd St, Apt 5DNew York, NY 10021,  
US-USA  
WALTER, Heidi-Kristin, Laufener Strasse 1579114  
Freiburg, DE-Tyskland  
MAGNUSSON, Johannes Pall, Im Wiberg 326212 St  
Erhard, CH-Sveits  
CHERCHEJA, Serghei, Offenburger Str. 5279108 Freiburg,  
DE-Tyskland  
PEREZ GALAN, Patricia, Constanze Hallgarten Str.  
1481379 München, DE-Tyskland  
MEDDA, Federico, Constanze Hallgarten Str. 1481379  
München, DE-Tyskland  
DAUM, Steffen Josef, Pomeziastr. 2778224 Singen, DE-  
Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ALBUMIN-BINDING PRODRUGS OF AURISTATIN E  
DERIVATIVES
-

- (51) **Klasse :** C07K 14/435 (2006.01)  
A61K 35/12 (2015.01)  
A61K 35/66 (2015.01)  
C12N 15/09 (2006.01)  
C12N 15/10 (2006.01)
- (87) **EP Publ.nr:** EP3430030  
(86) **EP søkn.nr:** 17710955.0  
(86) **EP innl.dag:** 2017.03.16  
(87) **EP publ.dag:** 2019.01.23  
(80) **EP meddelt :** 2023.12.20  
(30) **Prioritet:** 2016.03.16, GB, 201604492  
2016.03.16, US, 201662308975 P
- (86) **Int.inndag :** 2017.03.16  
(86) **Int.søknadsnr :** PCT/EP2017/056260  
(73) **Innehaver:**  
Immatics Biotechnologies GmbH, Paul-Ehrlich-Strasse  
1572076 Tübingen, DE-Tyskland
- (72) **Oppfinner:**  
ALTEN, Leonie, Weißdornweg 14 App. 16172076  
Tübingen, DE-Tyskland  
MAURER, Dominik, Fleinerweg 772116 Moessingen, DE-  
Tyskland  
BUNK, Sebastian, Gertrud-Bäumer-Str. 19/172074  
Tübingen, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
TRANSFECTED T-CELLS AND T-CELL RECEPTORS  
FOR USE IN IMMUNOTHERAPY AGAINST CANCERS

- (51) **Klasse :** C07K 14/725 (2006.01)  
C12N 5/0783 (2010.01)  
C12N 5/0784 (2010.01)  
C12N 15/63 (2006.01)  
C12N 15/85 (2006.01)
- (87) **EP Publ.nr:** EP3535290  
(86) **EP søkn.nr:** 17801380.1  
(86) **EP innl.dag:** 2017.11.07  
(87) **EP publ.dag:** 2019.09.11  
(80) **EP meddelt :** 2024.01.10  
(30) **Prioritet:** 2016.11.07, DK, PA201670874  
(86) **Int.inndag :** 2017.11.07  
(86) **Int.søknadsnr :** PCT/EP2017/078474  
(73) **Innehaver:**  
Genovie AB, Forskargatan 20 C151 36 Södertälje, SE-  
Sverige
- (72) **Oppfinner:**  
JARVIS, Reagan Micheal, c/o Genovie AB Forskargatan 20  
C151 36 Södertälje, SE-Sverige  
HILL, Ryan Edward, c/o Genovie AB Forskargatan 20 C151  
36 Södertälje, SE-Sverige  
PASE, Luke Benjamin, c/o Genovie AB Forskargatan 20  
C151 36 Södertälje, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
AN ENGINEERED TWO-PART CELLULAR DEVICE FOR  
DISCOVERY AND CHARACTERISATION OF T-CELL  
RECEPTOR INTERACTION WITH COGNATE ANTIGEN

- (51) **Klasse :** C07K 16/28 (2006.01)  
A61K 39/00 (2006.01)  
A61P 35/02 (2006.01)  
C07K 14/725 (2006.01)
- (87) **EP Publ.nr:** EP4007777  
(86) **EP søkn.nr:** 20757544.0  
(86) **EP innl.dag:** 2020.08.03  
(87) **EP publ.dag:** 2022.06.08  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2019.08.02, EP, 19382673  
(86) **Int.inndag :** 2020.08.03  
(86) **Int.søknadsnr :** PCT/EP2020/071831  
(73) **Innehaver:**  
Fundació de Recerca Clínic Barcelona-Institut  
d'Investigacions Biomèdiques August Pi i Sunyer (FRCB-  
IDIBAPS), C/Rosselló 149-15308036 Barcelona, ES-  
Spania  
Hospital Clínic de Barcelona, Villarroel 17008036  
Barcelona, ES-Spania  
Universitat de Barcelona, Centre de Patentes de la UB  
Baldiri Reixac 4 - Torre D08028 Barcelona, ES-Spania
- (72) **Oppfinner:**  
MARTÍN ANTONIO, Beatriz, Fundacio Clínic per a la  
Recerca Biomedica C/ Rosselló 149-15308036 Barcelona,  
ES-Spania  
URBANO ISPIZUA, Álvaro, Hospital Clínic de Barcelona C/  
Villarroel 17008036 Barcelona, ES-Spania  
PÉREZ AMILL, Lorena, Fundacio Clínic per a la Recerca  
Biomedica C/ Rosselló 149-15308036 Barcelona, ES-  
Spania  
SUÑE RODRIGUEZ, Guillermo, Fundacio Clínic per a la  
Recerca Biomedica C/ Rosselló 149-15308036 Barcelona,  
ES-Spania  
JUAN OTERO, Manel, Hospital Clínic de Barcelona C/  
Villarroel 17008036 Barcelona, ES-Spania
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CAR T-CELLS AGAINST BCMA FOR THE TREATMENT  
OF MULTIPLE MYELOMA

- (51) **Klasse :** C08C 19/06 (2006.01)  
C08C 19/40 (2006.01)  
C08G 59/02 (2006.01)  
C08G 59/14 (2006.01)  
C08G 59/16 (2006.01)  
C08G 59/34 (2006.01)  
C08G 63/08 (2006.01)  
C08G 65/26 (2006.01)  
C11D 3/00 (2006.01)
- (87) **EP Publ.nr:** EP4095163  
(86) **EP søkn.nr:** 22174773.6  
(86) **EP innl.dag:** 2022.05.23  
(87) **EP publ.dag:** 2022.11.30  
(80) **EP meddelt :** 2023.11.22  
(30) **Prioritet:** 2021.05.27, EP, 21176163  
(73) **Innehaver:**  
Evonik Operations GmbH, Rellinghauser Straße 1-1145128  
Essen, DE-Tyskland
- (72) **Oppfinner:**  
Favresse, Philippe, 40880 Ratingen, DE-Tyskland  
Schulz, Alexander, 53844 Troisdorf, DE-Tyskland  
Fiedel, Michael, 45239 Essen, DE-Tyskland  
Otto, Sarah, 45138 Essen, DE-Tyskland  
Schubert, Frank, 47506 Neukirchen-Vluyn, DE-Tyskland  
Schierle, Thorsten, 45289 Essen, DE-Tyskland  
Semmler, Heike, 47495 Rheinberg, DE-Tyskland  
Stüttgen, Andreas, 45529 Hattingen, DE-Tyskland
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
DEFOAMER COMPOSITION BASED ON  
POLYSILOXANES WITH ORGANOFUNCTIONALLY  
MODIFIED POLYBUTADIENES

- (51) **Klasse :** C08F 220/58 (2006.01)  
C08F 8/12 (2006.01)
- (87) **EP Publ.nr:** EP3702383  
(86) **EP søkn.nr:** 20150423.0  
(86) **EP innl.dag:** 2016.07.01  
(87) **EP publ.dag:** 2020.09.02  
(80) **EP meddelt :** 2023.12.27  
(30) **Prioritet:** 2015.07.02, US, 201562188389 P  
(73) **Innehaver:**  
Life Technologies Corporation, 5823 Newton  
DriveCarlsbad, CA 92008, US-USA  
Life Technologies AS, P.O. Box 114 Smestad0309  
OsloNorge
- (72) **Oppfinner:**  
FONNUM, Geir, P.O. Box 114 Smestad0309 OsloNorge  
MENCHEN, Steven M., 768 Vanda WayFremont, CA  
94536, US-USA  
GOKMEN, Talha M., P.O. Box 114 Smestad0309  
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LUNDBERG, Pontus, P.O. Box 114 Smestad0309  
OsloNorge  
THWAR, Prasanna Krishnan, c/o Life Technologies  
Corporation 5823 Newton DriveCarlsbad, CA 92008, US-  
USA  
LUI, Alfred, c/o Life Technologies Corporation 5823 Newton  
DriveCarlsbad, CA 92008, US-USA  
LU, Lily, c/o Life Technologies Corporation 5823 Newton  
DriveCarlsbad, CA 92008, US-USA  
HINZ, Wolfgang, c/o Life Technologies Corporation 5823  
Newton DriveCarlsbad, CA 92008, US-USA  
HUSABOE, Lene, P.O. Box 114 Smestad0309 OsloNorge  
BREIVOLD, Elisabeth, P.O. Box 114 Smestad0309  
OsloNorge  
MOLTEBERG, Astrid Evenroed, P.O. Box 114  
Smestad0309 OsloNorge  
LARSEN, Synne, P.O. Box 114 Smestad0309 OsloNorge
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
POLYMER SUBSTRATES FORMED FROM CARBOXY  
FUNCTIONAL ACRYLAMIDE

- (51) **Klasse :** C08K 5/372 (2006.01)  
C08L 53/02 (2006.01)  
C08L 95/00 (2006.01)
- (87) **EP Publ.nr:** EP3772525  
(86) **EP søkn.nr:** 19191079.3  
(86) **EP innl.dag:** 2019.08.09  
(87) **EP publ.dag:** 2021.02.10  
(80) **EP meddelt :** 2023.11.22  
(73) **Innehaver:**  
LANXESS Deutschland GmbH, Kennedyplatz 150569 Köln,  
DE-Tyskland
- (72) **Oppfinner:**  
KLEIN, Thomas, Franz-Kruckenbergr-Strasse 369126  
Heidelberg, DE-Tyskland  
ROSSRUCKER, Thomas, Steinacker II-1576684  
Östringen, DE-Tyskland  
HORSTMANN, Sandra, Eichelgarten 3067141 Neuhofen,  
DE-Tyskland
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
RUBBER-MODIFIED BITUMEN, METHOD FOR ITS  
PREPARATION AND ITS USE IN ASPHALT.

- (51) **Klasse :** *C08L 95/00 (2006.01)*  
*C08G 18/10 (2006.01)*  
*C08G 18/64 (2006.01)*  
*C08G 18/76 (2006.01)*  
*C08L 61/28 (2006.01)*  
*C08L 63/00 (2006.01)*  
*E01C 7/18 (2006.01)*  
*E01C 7/22 (2006.01)*  
*E01C 7/26 (2006.01)*
- (87) **EP Publ.nr:** EP4093825  
(86) **EP søkn.nr:** 21700891.1  
(86) **EP innl.dag:** 2021.01.15  
(87) **EP publ.dag:** 2022.11.30  
(80) **EP meddelt :** 2023.11.08  
(30) **Prioritet:** 2020.01.23, EP, 20153372  
(86) **Int.inndag :** 2021.01.15  
(86) **Int.søknadsnr :** PCT/EP2021/050773  
(73) **Innehaver:**  
BASF SE, Carl-Bosch-Strasse 3867056 Ludwigshafen am Rhein, DE-Tyskland
- (72) **Oppfinner:**  
ZEILINGER, Michael, Carl-Bosch-Strasse 38 GBI - C00667056 Ludwigshafen, DE-Tyskland  
SCHATZ, Waldemar, Elastogranstrasse 6049448 Lemfoerde, DE-Tyskland  
BOKERN, Stefan, Elastogranstrasse 6049448 Lemfoerde, DE-Tyskland  
WIEBELHAUS, Dag, Carl-Bosch-Strasse 38 GBI - C00667056 Ludwigshafen, DE-Tyskland  
OTERO MARTINEZ, Iran, Elastogranstrasse 6049448 Lemfoerde, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LOW TEMPERATURE PROCESS FOR THE PREPARATION OF AN ASPHALT MIX COMPOSITION

- (51) **Klasse :** *C09D 5/08 (2006.01)*  
*C09D 7/65 (2018.01)*  
*C23C 22/62 (2006.01)*  
*C23C 22/66 (2006.01)*  
*C23C 22/68 (2006.01)*  
*C23C 22/73 (2006.01)*
- (87) **EP Publ.nr:** EP4073181  
(86) **EP søkn.nr:** 20830093.9  
(86) **EP innl.dag:** 2020.12.09  
(87) **EP publ.dag:** 2022.10.19  
(80) **EP meddelt :** 2023.11.01  
(30) **Prioritet:** 2019.12.09, SE, 1951419  
(86) **Int.inndag :** 2020.12.09  
(86) **Int.søknadsnr :** PCT/EP2020/085343  
(73) **Innehaver:**  
BioPolymer Products of Sweden AB, Toftebergsvägen 7442 75 Lycke, SE-Sverige
- (72) **Oppfinner:**  
QVIST, Magnus, Norra Ringgatan 47 A441 43 Alingsås, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
COATING FOR CORROSION PROTECTION

- (51) **Klasse :** *C10G 1/10 (2006.01)*  
*C10G 9/28 (2006.01)*
- (87) **EP Publ.nr:** EP3894516  
(86) **EP søkn.nr:** 20723996.3  
(86) **EP innl.dag:** 2020.04.15  
(87) **EP publ.dag:** 2021.10.20  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2019.04.17, DE, 102019110186  
(86) **Int.inndag :** 2020.04.15  
(86) **Int.søknadsnr :** PCT/EP2020/060558  
(73) **Innehaver:**  
Pruvia GmbH, Rheingoldstr. 10a90513 Zirndorf, DE-Tyskland
- (72) **Oppfinner:**  
MASTELLONE, Maria Laura, Via P. Brignola 1581110 Caserta, IT-Italia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
PLASTIC-TO-OIL PLANT FOR CONVERTING PLASTIC WASTE INTO PETROCHEMICAL PRODUCTS

- (51) **Klasse :** *C10M 159/22 (2006.01)*  
*C10N 10/04 (2006.01)*  
*C10N 20/02 (2006.01)*  
*C10N 30/00 (2006.01)*  
*C10N 30/02 (2006.01)*  
*C10N 30/04 (2006.01)*  
*C10N 40/25 (2006.01)*  
*C11D 3/00 (2006.01)*
- (87) **EP Publ.nr:** EP3990594  
(86) **EP søkn.nr:** 20735245.1  
(86) **EP innl.dag:** 2020.06.26  
(87) **EP publ.dag:** 2022.05.04  
(80) **EP meddelt :** 2024.01.03  
(30) **Prioritet:** 2019.06.26, IT, 201900010092  
(86) **Int.inndag :** 2020.06.26  
(86) **Int.søknadsnr :** PCT/IB2020/056083  
(73) **Innehaver:**  
ENI S.p.A., Piazzale Enrico Mattei, 100144 Roma, IT-Italia
- (72) **Oppfinner:**  
NOTARI, Marcello, c/o ENI S.p.A., Via F. Maritano, 2620097 San Donato Milanese (MI), IT-Italia  
ASSANELLI, Giulio, c/o ENI S.p.A., Via F. Maritano, 2620097 San Donato Milanese (MI), IT-Italia  
CASNATI, Alessandro, Via S. E. Luria, 643124 Parma, IT-Italia  
SANSONE, Francesco, Via Giulio Cesare Ferrarini, 543123 Parma, IT-Italia  
MAGINI, Andrea, Via Giovanni Antinori, 562032 Camerino (MC), IT-Italia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
MIXTURE CONTAINING CALIXARENES, PROCESS FOR THE PRODUCTION THEREOF AND USE THEREOF FOR PREPARING DETERGENT COMPOSITIONS FOR LUBRICANTS

- (51) **Klasse :** C10M 171/02 (2006.01)  
C09K 8/00 (2006.01)  
C10M 101/00 (2006.01)  
C10M 105/04 (2006.01)  
C10N 20/00 (2006.01)  
C10N 20/02 (2006.01)  
C10N 30/02 (2006.01)  
C10N 50/00 (2006.01)
- (87) **EP Publ.nr:** EP3532582  
(86) **EP søkn.nr:** 17788252.9  
(86) **EP innl.dag:** 2017.10.26  
(87) **EP publ.dag:** 2019.09.04  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2016.10.27, EP, 16196117  
(86) **Int.inndag :** 2017.10.26  
(86) **Int.søknadsnr :** PCT/EP2017/077458  
(73) **Innehaver:**  
TotalEnergies OneTech, La Défense 6 2 Place Jean  
Millier92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
GERMANAUD, Laurent, 239 route de Lafayette38540  
Valencin, FR-Frankrike  
DOUCET, Clarisse, 128 rue Anatole France92300 Levallois  
Perret, FR-Frankrike  
ROBINSON, John-Philippe, 18 cité Jouffroy-Renault92110  
Clichy, FR-Frankrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge
- (54) **Benevnelse:**  
USE OF BIODEGRADABLE HYDROCARBON FLUIDS AS  
DRILLING FLUIDS

- (51) **Klasse :** C12M 1/00 (2006.01)  
C12M 1/12 (2006.01)
- (87) **EP Publ.nr:** EP3507357  
(86) **EP søkn.nr:** 17765365.6  
(86) **EP innl.dag:** 2017.08.30  
(87) **EP publ.dag:** 2019.07.10  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2016.08.30, EP, 16186440  
2017.02.08, EP, 17155258
- (86) **Int.inndag :** 2017.08.30  
(86) **Int.søknadsnr :** PCT/EP2017/071702  
(73) **Innehaver:**  
Beco Invest B.V., Fortweg 33992 LX Houten, NL-Nederland
- (72) **Oppfinner:**  
EMMINGER, Franz, Steinerweg 22410 Hainburg, AT-  
Østerrike  
FLUCH, Silvia, Markt 87121 Weiden/See, AT-Østerrike
- (74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland
- (54) **Benevnelse:**  
PHOTOBIOREACTOR AND METHOD FOR CULTIVATING  
MICROALGAE

- (51) **Klasse :** C12N 5/0775 (2010.01)  
A61K 35/28 (2015.01)
- (87) **EP Publ.nr:** EP3430129  
(86) **EP søkn.nr:** 17765572.7  
(86) **EP innl.dag:** 2017.03.14  
(87) **EP publ.dag:** 2019.01.23  
(80) **EP meddelt :** 2023.10.25  
(30) **Prioritet:** 2016.03.16, AU, 2016900983  
2016.10.05, AU, 2016904039  
2017.02.02, AU, 2017900318
- (86) **Int.inndag :** 2017.03.14  
(86) **Int.søknadsnr :** PCT/AU2017/050228  
(73) **Innehaver:**  
Cynata Therapeutics Limited, Level 3 62 Lygon  
StreetCarlton VIC 3053, AU-Australia
- (72) **Oppfinner:**  
SLUKVIN, Igor, 1 Turnwood CircleVerona, Wisconsin  
53593, US-USA  
UENISHI, Gene, 1300 22 St. Apt. 400San Francisco,  
California 94107, US-USA  
HEI, Derek, 3221 Tanglewood DrMadison, Wisconsin  
53719, US-USA  
DRIER, Diana, 302 Glenway StreetMadison, Wisconsin  
53705, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
COLONY FORMING MEDIUM AND USE THEREOF

- (51) **Klasse :** C12N 15/113 (2010.01)  
A01H 1/00 (2006.01)  
A01H 5/00 (2018.01)  
A61K 31/485 (2006.01)  
A61P 25/04 (2006.01)  
C08L 7/02 (2006.01)  
C12N 5/10 (2006.01)  
C12N 9/02 (2006.01)  
C12N 15/53 (2006.01)  
C12N 15/82 (2006.01)  
C12P 17/18 (2006.01)
- (87) **EP Publ.nr:** EP3334826  
(86) **EP søkn.nr:** 17838267.7  
(86) **EP innl.dag:** 2017.08.11  
(87) **EP publ.dag:** 2018.06.20  
(80) **EP meddelt :** 2023.10.11  
(30) **Prioritet:** 2016.09.07, CA, 2941315  
2016.08.12, US, 201662374682 P
- (86) **Int.inndag :** 2017.08.11  
(86) **Int.søknadsnr :** PCT/CA2017/050951  
(73) **Innehaver:**  
API Labs Inc., 289 Heritage Blvd. WestLethbridge, Alberta  
T1K 7M5, CA-Canada
- (72) **Oppfinner:**  
KOVALCHUK, Igor, 16 Sandstone Road SouthLethbridge  
Alberta T1K 7X8, CA-Canada
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
HIGH THEBAINE POPPY AND METHODS OF  
PRODUCING THE SAME



- (51) **Klasse :** C12N 15/113 (2010.01)  
A61K 31/7105 (2006.01)  
C12N 9/22 (2006.01)
- (87) **EP Publ.nr:** EP4034661  
(86) **EP søkn.nr:** 21715779.1  
(86) **EP innl.dag:** 2021.03.11  
(87) **EP publ.dag:** 2022.08.03  
(80) **EP meddelt :** 2023.09.06  
(30) **Prioritet:** 2020.04.08, US, 202063006996 P  
(86) **Int.inndag :** 2021.03.11  
(86) **Int.søknadsnr :** PCT/EP2021/056221  
(73) **Innehaver:**  
Zeisberg, Elisabeth, Bühlstr. 3037073 Goettingen, DE-Tyskland  
Zeisberg, Michael, Bühlstr. 3037073 Goettingen, DE-Tyskland
- (72) **Oppfinner:**  
XU, Xingbo, Unter dem Kloster 1837077 Goettingen, DE-Tyskland  
HASENFUSS, Gerd, Am Seidelbast 637077 Goettingen, DE-Tyskland  
TAN, Xiaoying, Unter dem Kloster 1837077 Goettingen, DE-Tyskland  
ZEISBERG, Elisabeth, 37073 Goettingen, DE-Tyskland  
ZEISBERG, Michael, 37073 Goettingen, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ALL-IN-ONE AAV VECTORS FOR TREATING CORONAVIRUS-INDUCED DISEASES

- (51) **Klasse :** C12P 7/625 (2022.01)  
C12P 5/02 (2006.01)
- (87) **EP Publ.nr:** EP3625327  
(86) **EP søkn.nr:** 18802604.1  
(86) **EP innl.dag:** 2018.05.18  
(87) **EP publ.dag:** 2020.03.25  
(80) **EP meddelt :** 2023.12.27  
(30) **Prioritet:** 2017.05.19, US, 201762603181 P  
(86) **Int.inndag :** 2018.05.18  
(86) **Int.søknadsnr :** PCT/US2018/033423  
(73) **Innehaver:**  
Mango Materials, Inc., 490 Lake Park AvenueOakland, CA 94610, US-USA
- (72) **Oppfinner:**  
HICKEY, Robert, F., 2171 Butternut Drive,Okemos, MI 48864, US-USA  
MORSE, Margaret, Catherine, 215 San Carlos Ave.,Piedmont, CA 94611, US-USA  
PIEJA, Allison, J., 112 Rollingwoods DriveSanta Cruz,CA 95060, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
HIGH PRODUCTIVITY METHANE FERMENTATION PROCESSES

- (51) **Klasse :** C12Q 1/6869 (2018.01)  
C12Q 1/6888 (2018.01)
- (87) **EP Publ.nr:** EP3775279  
(86) **EP søkn.nr:** 19711229.5  
(86) **EP innl.dag:** 2019.03.26  
(87) **EP publ.dag:** 2021.02.17  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2018.03.26, EP, 18164063  
(86) **Int.inndag :** 2019.03.26  
(86) **Int.søknadsnr :** PCT/EP2019/057628  
(73) **Innehaver:**  
Gesval S.A., Avenue Pré-Aily 44031 Liège, BE-Belgia
- (72) **Oppfinner:**  
GEORGES, Michel, GIGA-R Genomique animale Avenue de l'Hopital 1 Bat. B344000 Liège, BE-Belgia  
COPPIETERS, Wouter, GIGA-R Genomique animale Avenue de l'Hopital 1 Bat. B344000 Liège, BE-Belgia  
KARIM, Latifa, GIGA-R Genomique animale Avenue de l'Hopital 1 Bat. B344000 Liège, BE-Belgia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHODS INVOLVING NUCLEIC ACID ANALYSIS OF MILK

- (51) **Klasse :** C21B 13/00 (2006.01)
- (87) **EP Publ.nr:** EP3924524  
(86) **EP søkn.nr:** 20707190.3  
(86) **EP innl.dag:** 2020.02.13  
(87) **EP publ.dag:** 2021.12.22  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2019.02.13, IT, 201900002081  
(86) **Int.inndag :** 2020.02.13  
(86) **Int.søknadsnr :** PCT/EP2020/053758  
(73) **Innehaver:**  
Danieli & C. Officine Meccaniche S.p.A., Via Nazionale 4133042 Buttrio, IT-Italia  
HYL Technologies, S.A. de C.V., Av. Munich 101 Col. Cuauhtemoc San Nicolas los GarzaN.L. 66450, MX-Mexico
- (72) **Oppfinner:**  
ZAMPA, Massimiliano, Via Veneto 18233100 Udine, IT-Italia  
MAGGIOLINO, Stefano, Lomas del Campestre 618 Col. Lomas Del CampestreSan Pedro Garza Garcia Nuevo Leon 66278, MX-Mexico
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DIRECT REDUCTION SYSTEM AND RELATED PROCESS

- (51) **Klasse :** **C21B 13/00 (2006.01)**  
**F27D 7/02 (2006.01)**  
**F27D 7/06 (2006.01)**  
**F27D 15/00 (2006.01)**
- (87) **EP Publ.nr:** EP3997248  
(86) **EP søkn.nr:** 20734993.7  
(86) **EP innl.dag:** 2020.07.03  
(87) **EP publ.dag:** 2022.05.18  
(80) **EP meddelt :** 2023.12.20  
(30) **Prioritet:** 2019.07.08, EP, 19184964  
(86) **Int.inndag :** 2020.07.03  
(86) **Int.søknadsnr :** PCT/EP2020/068774  
(73) **Innehaver:**  
Primetals Technologies Austria GmbH, Turmstraße 444031  
Linz, AT-Østerrike
- (72) **Oppfinner:**  
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Østerrike  
ROTHBERGER, Johannes, Breitluferfeld 14202  
Hellmonsödt, AT-Østerrike  
SATTLER, Hans Thomas, Stockholmweg 34040 Linz, AT-  
Østerrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SEALING OF A REDUCTION UNIT

- (51) **Klasse :** **C22B 1/00 (2006.01)**  
**C22B 3/16 (2006.01)**  
**C22B 59/00 (2006.01)**  
**C22B 60/00 (2006.01)**
- (87) **EP Publ.nr:** EP3682039  
(86) **EP søkn.nr:** 18769361.9  
(86) **EP innl.dag:** 2018.09.13  
(87) **EP publ.dag:** 2020.07.22  
(80) **EP meddelt :** 2023.11.01  
(30) **Prioritet:** 2017.09.14, FR, 1758538  
(86) **Int.inndag :** 2018.09.13  
(86) **Int.søknadsnr :** PCT/EP2018/074789  
(73) **Innehaver:**  
Université Claude Bernard Lyon 1, 43 Boulevard du 11  
Novembre 191869100 Villeurbanne, FR-Frankrike  
Centre National de la Recherche Scientifique, 3, rue  
Michel-Ange75016 Paris, FR-Frankrike  
Institut National des Sciences Appliquées de Lyon, 20  
Avenue Albert Einstein69621 Villeurbanne, FR-Frankrike  
CPE Lyon Formation Continue et Recherche, 43, boulevard  
du 11 novembre 191869100 Villeurbanne, FR-Frankrike  
Ecole Nationale Supérieure de Chimie de Montpellier, 240  
Avenue du Professeur Emile Jeanbrau34090 Montpellier,  
FR-Frankrike  
Université de Montpellier, 163, rue Auguste  
Broussonnet34090 Montpellier, FR-Frankrike
- (72) **Oppfinner:**  
LECLAIRE, Julien, 53 Impasse des Ifs69620 Le Bois  
d'Oingt, FR-Frankrike  
SEPTAVAUZ, Jean, 9, Champ Vallée1348 Ottignies-  
Louvain-la-Neuve, BE-Belgia  
METRO, Thomas-Xavier, 7 Rue du Roussillon34090  
Montpellier, FR-Frankrike
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
METHOD FOR THE SELECTIVE EXTRACTION OF  
METALS BY MECHANOSYNTHESIS AND LEACHING

- (51) **Klasse :** **D07B 5/00 (2006.01)**
- (87) **EP Publ.nr:** EP3460123  
(86) **EP søkn.nr:** 18199469.0  
(86) **EP innl.dag:** 2010.07.22  
(87) **EP publ.dag:** 2019.03.27  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2009.07.22, US, 27150509 P  
2009.08.07, US, 27370309 P
- (73) **Innehaver:**  
Hampidjan HF, Skarfagarðar 4104 Reykjavik, IS-Island
- (72) **Oppfinner:**  
ERLENDSSON, Hjortur, Brekkusmara 2IS-201 Kopavogur,  
IS-Island  
SAFWAT, Sherif, 850 Nelson RoadForks, WA Washington  
98331, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HELIX ROPE FOR PELAGIC TRAWLS

- (51) **Klasse :** **E02D 29/14 (2006.01)**  
**B66F 19/00 (2006.01)**
- (87) **EP Publ.nr:** EP3719208  
(86) **EP søkn.nr:** 20020138.2  
(86) **EP innl.dag:** 2020.03.26  
(87) **EP publ.dag:** 2020.10.07  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2019.03.30, GB, 201904508  
(73) **Innehaver:**  
Wrekin Holdings Limited, Europa Way Britannia Enterprise  
ParkLichfield, Staffordshire WS14 9TZ, GB-Storbritannia
- (72) **Oppfinner:**  
Turner, Barry, Wrekin Holdings Limited, Europa Way,  
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Way, Britannia EnterpriseParkLichfield, Staffordshire WS14  
9TZ, GB-Storbritannia  
Evans, Samantha Sarah Elizabeth, Wrekin Holdings  
Limited, Europa Way, Britannia EnterpriseParkLichfield,  
Staffordshire WS14 9TZ, GB-Storbritannia  
Ratcliffe, Liam Mark, Wrekin Holdings Limited, Europa  
Way, Britannia EnterpriseParkLichfield, Staffordshire WS14  
9TZ, GB-Storbritannia  
Turner, Simon, Wrekin Holdings Limited, Europa Way,  
Britannia EnterpriseParkLichfield, Staffordshire WS14 9TZ,  
GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
A GROUND SURFACE ACCESS ASSEMBLY FRAME  
AND METHOD OF INSTALLATION OR REPLACEMENT  
THEREOF



(51) **Klasse :** *E05F 15/43 (2015.01)*  
 (87) **EP Publ.nr:** EP3581747  
 (86) **EP søkn.nr:** 19179115.1  
 (86) **EP innl.dag:** 2019.06.07  
 (87) **EP publ.dag:** 2019.12.18  
 (80) **EP meddelt :** 2023.11.29  
 (30) **Prioritet:** 2018.06.13, DE, 102018209454  
 (73) **Innehaver:**  
 GEZE GmbH, Reinhold-Vöster-Straße 21-2971229  
 Leonberg, DE-Tyskland  
 (72) **Oppfinner:**  
 Hucker, Matthias, Lorenzstr. 2076359 Marxzell, DE-  
 Tyskland  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
 OSLO, Norge  
 (54) **Benevnelse:**  
 MONITORING DEVICE

(51) **Klasse :** *E21B 10/36 (2006.01)*  
*E21B 17/042 (2006.01)*  
 (87) **EP Publ.nr:** EP3921502  
 (86) **EP søkn.nr:** 20753104.7  
 (86) **EP innl.dag:** 2020.02.06  
 (87) **EP publ.dag:** 2021.12.15  
 (80) **EP meddelt :** 2023.11.08  
 (30) **Prioritet:** 2019.02.06, US, 201916268677  
 (86) **Int.inndag :** 2020.02.06  
 (86) **Int.søknadsnr :** PCT/IB2020/000078  
 (73) **Innehaver:**  
 Yao, James, Jing, 5241 Middlebury DriveMississauga L5M  
 5E5, CA-Canada  
 (72) **Oppfinner:**  
 Yao, James, Jing, 5241 Middlebury DriveMississauga L5M  
 5E5, CA-Canada  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 THREADED COUPLING FOR PERCUSSION DRILL BIT

(51) **Klasse :** *E21B 23/00 (2006.01)*  
*E21B 17/02 (2006.01)*  
*E21B 17/042 (2006.01)*  
*E21B 47/01 (2012.01)*  
*E21B 47/017 (2012.01)*  
 (87) **EP Publ.nr:** EP3710668  
 (86) **EP søkn.nr:** 18879145.3  
 (86) **EP innl.dag:** 2018.11.09  
 (87) **EP publ.dag:** 2020.09.23  
 (80) **EP meddelt :** 2023.12.27  
 (30) **Prioritet:** 2017.11.14, US, 201715811839  
 (86) **Int.inndag :** 2018.11.09  
 (86) **Int.søknadsnr :** PCT/US2018/060067  
 (73) **Innehaver:**  
 BAKER HUGHES HOLDINGS LLC, 17021 Aldine  
 WestfieldHouston, TX 77073, US-USA  
 (72) **Oppfinner:**  
 TREVIRANUS, Joachim, 17021 Aldine WestfieldHouston,  
 Texas 77073, US-USA  
 OPPELAAR, Hans, 17021 Aldine WestfieldHouston, Texas  
 77073, US-USA  
 MELLEES, Henning, 17021 Aldine WestfieldHouston, Texas  
 77073, US-USA  
 JOERNS, Hendrik, 17021 Aldine WestfieldHouston, Texas  
 77073, US-USA  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 REMOVABLE MODULAR CONTROL ASSEMBLY

(51) **Klasse :** *E21B 23/14 (2006.01)*  
*H02G 1/06 (2006.01)*  
 (87) **EP Publ.nr:** EP3737827  
 (86) **EP søkn.nr:** 19701003.6  
 (86) **EP innl.dag:** 2019.01.10  
 (87) **EP publ.dag:** 2020.11.18  
 (80) **EP meddelt :** 2023.10.11  
 (30) **Prioritet:** 2018.01.10, GB, 201800373  
 (86) **Int.inndag :** 2019.01.10  
 (86) **Int.søknadsnr :** PCT/GB2019/050068  
 (73) **Innehaver:**  
 Well-Sense Technology Limited, Wellheads Crescent  
 Wellheads Industrial Estate DyceAberdeen, Aberdeenshire  
 AB21 7GA, GB-Storbritannia  
 (72) **Oppfinner:**  
 PURKIS, Daniel George, c/o Well-Sense Technology  
 Limited Wellheads Crescent, Wellheads Industrial  
 EstateDyce, Aberdeen AB21 7GA, GB-Storbritannia  
 (74) **Fullmektig:**  
 Well-Sense Technology Limited, Wellheads Crescent  
 Wellheads Industrial Estate Dyce, AB217GA ABERDEEN,  
 ABERDEENSHIRE, Storbritannia  
 (54) **Benevnelse:**  
 APPARATUS AND METHOD FOR DEPLOYING CABLE IN  
 A BOREHOLE

(51) **Klasse :** *E21B 29/04 (2006.01)*  
 (87) **EP Publ.nr:** EP3861191  
 (86) **EP søkn.nr:** 19783291.8  
 (86) **EP innl.dag:** 2019.10.04  
 (87) **EP publ.dag:** 2021.08.11  
 (80) **EP meddelt :** 2023.11.29  
 (30) **Prioritet:** 2018.10.05, NO, 20181288  
 (86) **Int.inndag :** 2019.10.04  
 (86) **Int.søknadsnr :** PCT/EP2019/076873  
 (73) **Innehaver:**  
 Aker Solutions AS, Postboks 941325 LysakerNorge  
 (72) **Oppfinner:**  
 HERLAND, Jan, Hestehagen 501394 NesbruNorge  
 (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge  
 (54) **Benevnelse:**  
 GATE VALVE ASSEMBLY FOR A SUBSEA WORKOVER SYSTEM

(51) **Klasse :** *E21B 33/12 (2006.01)*  
*E21B 17/00 (2006.01)*  
*E21B 33/128 (2006.01)*  
 (87) **EP Publ.nr:** EP3516159  
 (86) **EP søkn.nr:** 16916923.2  
 (86) **EP innl.dag:** 2016.09.20  
 (87) **EP publ.dag:** 2019.07.31  
 (80) **EP meddelt :** 2023.11.22  
 (86) **Int.inndag :** 2016.09.20  
 (86) **Int.søknadsnr :** PCT/US2016/052645  
 (73) **Innehaver:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E.Houston, TX 77032-3219, US-USA  
 (72) **Oppfinner:**  
 RICHARDS, William Mark, 1312 Tarragon DriveFlower Mound, Texas 75028, US-USA  
 HENDERSON, William David, 1207 Vaughan LaneTioga, Texas 76271, US-USA  
 (74) **Fullmektig:**  
 AA Thornton IP LLP, 8 th Floor, 125 Old Broad Street, EC2N1AR LONDON, Storbritannia  
 (54) **Benevnelse:**  
 HIGH EXPANSION METAL BACK-UP RING FOR PACKERS AND BRIDGE PLUGS

(51) **Klasse :** *E21B 47/00 (2012.01)*  
*G01V 1/46 (2006.01)*  
*G01V 1/48 (2006.01)*  
 (87) **EP Publ.nr:** EP3408498  
 (86) **EP søkn.nr:** 17744707.5  
 (86) **EP innl.dag:** 2017.01.19  
 (87) **EP publ.dag:** 2018.12.05  
 (80) **EP meddelt :** 2023.12.27  
 (30) **Prioritet:** 2016.01.25, US, 201662286766 P  
 2017.01.18, US, 201715409200  
 (86) **Int.inndag :** 2017.01.19  
 (86) **Int.søknadsnr :** PCT/US2017/014046  
 (73) **Innehaver:**  
 Baker Hughes Holdings LLC, 17021 Aldine WestfieldHouston, TX 77073, US-USA  
 (72) **Oppfinner:**  
 ZHANG, Zhijuan, 6220 Alder Drive No. 3823Houston TX 77081, US-USA  
 PATTERSON, Douglas, J., 17706 Country MeadowMagnolia TX 77355, US-USA  
 STEINSIEK, Roger, R., 3131 Summerwind CourtHouston TX 77584, US-USA  
 HAN, Wei, 5215 Riverstone Crossing DriveSugar Land TX 77479, US-USA  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
 (54) **Benevnelse:**  
 TELEVIEWER IMAGE WOOD-GRAIN REDUCTION TECHNIQUES

(51) **Klasse :** *E21B 47/005 (2012.01)*  
 (87) **EP Publ.nr:** EP4051869  
 (86) **EP søkn.nr:** 20803985.9  
 (86) **EP innl.dag:** 2020.11.02  
 (87) **EP publ.dag:** 2022.09.07  
 (80) **EP meddelt :** 2023.12.27  
 (30) **Prioritet:** 2019.11.01, NL, 2024144  
 (86) **Int.inndag :** 2020.11.02  
 (86) **Int.søknadsnr :** PCT/NL2020/050677  
 (73) **Innehaver:**  
 Callidus Capital B.V., Rottumerweg 198445 PA Heerenveen, NL-Nederland  
 (72) **Oppfinner:**  
 VEENSTRA, Feitze, c/o Rottumerweg 198445 PA Heerenveen, NL-Nederland  
 (74) **Fullmektig:**  
 Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark  
 (54) **Benevnelse:**  
 CEMENT PLUG TESTER

- (51) **Klasse :** *E21B 47/022 (2012.01)*  
*E21B 7/04 (2006.01)*  
*E21B 43/24 (2006.01)*  
*E21B 47/09 (2012.01)*  
*E21B 47/092 (2012.01)*  
*G01V 3/26 (2006.01)*
- (87) **EP Publ.nr:** EP3377728  
(86) **EP søkn.nr:** 16867013.1  
(86) **EP innl.dag:** 2016.11.16  
(87) **EP publ.dag:** 2018.09.26  
(80) **EP meddelt :** 2023.12.27  
(30) **Prioritet:** 2015.11.16, US, 201562255924 P  
(86) **Int.inndag :** 2016.11.16  
(86) **Int.søknadsnr :** PCT/US2016/062221  
(73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine  
WestfieldHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
ESTES, Robert A., 16623 Avenplace RoadTomball, Texas  
77377-8484, US-USA  
LEAL, Catalina, 17021 Aldine WestfieldHouston, Texas  
77073, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
METHODS FOR DRILLING MULTIPLE PARALLEL  
WELLS WITH PASSIVE MAGNETIC RANGING

- (51) **Klasse :** *F03B 13/18 (2006.01)*  
*F03B 15/00 (2006.01)*  
*F16H 19/04 (2006.01)*  
*F16H 49/00 (2006.01)*
- (87) **EP Publ.nr:** EP3754177  
(86) **EP søkn.nr:** 19750787.4  
(86) **EP innl.dag:** 2019.02.11  
(87) **EP publ.dag:** 2020.12.23  
(80) **EP meddelt :** 2023.12.20  
(30) **Prioritet:** 2018.02.12, KR, 20180017304  
(86) **Int.inndag :** 2019.02.11  
(86) **Int.søknadsnr :** PCT/KR2019/001613  
(73) **Innehaver:**  
Ingene, Inc., Changdo Building Jangan-dong 5th Floor 395-  
2 Cheonho-daero Dongdaemun-guSeoul 02633, KR-Sør-  
Korea  
INGINE WAVE ENERGY SYSTEMS LTD., Unit 3 Freswick  
House Forss Business & Technology ParkForss, Thurso,  
Scotland KW14 7UZ, GB-Storbritannia
- (72) **Oppfinner:**  
SUNG, Yong Jun, No. 109-1803, 45, Sukseonongju-ro  
Jungnang-GuSeoul 02030, KR-Sør-Korea  
KIM, Jong Yun, No. 105-102, 616, Madeul-ro Dobong-  
GuSeoul 01337, KR-Sør-Korea
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
WAVE FORCE GENERATION SYSTEM AND  
CONTROLLING METHOD THEREFOR

- (51) **Klasse :** *F03B 17/06 (2006.01)*
- (87) **EP Publ.nr:** EP4060184  
(86) **EP søkn.nr:** 19835431.8  
(86) **EP innl.dag:** 2019.11.11  
(87) **EP publ.dag:** 2022.09.21  
(80) **EP meddelt :** 2024.01.10  
(86) **Int.inndag :** 2019.11.11  
(86) **Int.søknadsnr :** PCT/ES2019/070771  
(73) **Innehaver:**  
Arcusin, Carlos Eduardo, Grecia 4723C.A. de Buenos  
Aires, Buenos Aires, 1429, AR-Argentina  
Ganzabal Liberati, Alejandro Roman, Uruguay 6415, 3er  
Piso Of. 309San Fernando, Buenos Aires, 1646, AR-  
Argentina
- (72) **Oppfinner:**  
ARCUSIN, Carlos Eduardo, Grecia 47231429 C.A. De  
Buenos Aires, AR-Argentina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ARRANGEMENT FOR GENERATING ELECTRIC POWER  
MADE UP OF AT LEAST TWO ROTATING BODIES OF  
REVOLUTION PARTIALLY IMMersed IN A DYNAMIC  
FLUID; AND PROCEDURE FOR GENERATING  
ELECTRIC POWER USING SAID ARRANGEMENT

- (51) **Klasse :** *F03D 9/19 (2016.01)*
- (87) **EP Publ.nr:** EP3936716  
(86) **EP søkn.nr:** 21181476.9  
(86) **EP innl.dag:** 2021.06.24  
(87) **EP publ.dag:** 2022.01.12  
(80) **EP meddelt :** 2023.11.22  
(30) **Prioritet:** 2020.07.10, DK, PA202070480  
2020.07.10, DK, PA202070481
- (73) **Innehaver:**  
Vattenfall AB, Evenemangsgatan 13169 79 Solna, SE-  
Sverige
- (72) **Oppfinner:**  
HJORT, Thomas, 7120 Vejle Ø, DK-Danmark  
KADUREK, Petr, 6700 Esbjerg, DK-Danmark  
SANGSTER, Michael, 6700 Esbjerg, DK-Danmark  
KORDKHEILL, Reza Ahmadi, 7100 Vejle, DK-Danmark  
HOFFMANN, Alfred, 6700 Esbjerg, DK-Danmark
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
WIND PARK WITH WIND TURBINE GENERATORS  
HAVING REDUCED INVERTER CAPACITY

- (51) **Klasse :** *F03D 13/25 (2016.01)*  
*F03D 80/80 (2016.01)*
- (87) **EP Publ.nr:** EP3976962  
(86) **EP søkn.nr:** 20726738.6  
(86) **EP innl.dag:** 2020.05.12  
(87) **EP publ.dag:** 2022.04.06  
(80) **EP meddelt :** 2023.12.06  
(30) **Prioritet:** 2019.05.31, DE, 102019114655  
(86) **Int.inndag :** 2020.05.12  
(86) **Int.søknadsnr :** PCT/EP2020/063153  
(73) **Innehaver:**  
RWE Offshore Wind GmbH, RWE Platz 445141 Essen,  
DE-Tyskland
- (72) **Oppfinner:**  
RUNGE, Dr.-Ing. Jörn, Steeriede 1231608 Marklohe, DE-  
Tyskland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge
- (54) **Benevnelse:**  
HOLLOW STRUCTURAL ELEMENT OF A WIND  
TURBINE

- (51) **Klasse :** *F16D 65/12 (2006.01)*  
 (87) **EP Publ.nr:** EP3638918  
 (86) **EP søkn.nr:** 18735504.5  
 (86) **EP innl.dag:** 2018.06.12  
 (87) **EP publ.dag:** 2020.04.22  
 (80) **EP meddelt :** 2023.12.13  
 (30) **Prioritet:** 2017.06.14, DE, 202017103551 U  
 (86) **Int.inndag :** 2018.06.12  
 (86) **Int.søknadsnr :** PCT/EP2018/065475  
 (73) **Innehaver:**  
 Faiveley Transport Witten GmbH, Brauckstrasse 2658454  
 Witten, DE-Tyskland  
 (72) **Oppfinner:**  
 STROETMANN, Andreas, c/o Faiveley Transport Witten  
 GmbH Brauckstrasse 2658454 Witten, DE-Tyskland  
 IMHOF, Philipp, c/o Faiveley Transport Witten GmbH  
 Brauckstrasse 2658454 Witten, DE-Tyskland  
 MEHLAN, Andreas, c/o Faiveley Transport Witten GmbH  
 Brauckstrasse 2658454 Witten, DE-Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 FRICTION RING ELEMENT, FRICTION RING SET FOR  
 ARRANGING ON THE WHEEL WEB OF A TRACK  
 WHEEL, AND TRACK WHEEL BRAKE

- (51) **Klasse :** *F24F 7/06 (2006.01)*  
*F24F 11/00 (2018.01)*  
*F24F 11/77 (2018.01)*  
*F24F 110/30 (2018.01)*  
*F24F 110/40 (2018.01)*  
 (87) **EP Publ.nr:** EP3809054  
 (86) **EP søkn.nr:** 19204169.7  
 (86) **EP innl.dag:** 2019.10.18  
 (87) **EP publ.dag:** 2021.04.21  
 (80) **EP meddelt :** 2023.12.06  
 (73) **Innehaver:**  
 TROX GmbH, Heinrich-Trox-Platz 147506 Neukirchen-  
 Vluyn, DE-Tyskland  
 (72) **Oppfinner:**  
 Lange, Stefan, Antoniusstraße 2247506 Neukirchen-Vluyn,  
 DE-Tyskland  
 Hoh, Alexander, Dr., Am Kirschgarten 1a13127 Berlin, DE-  
 Tyskland  
 Wolters, Thomas, Friedrich-Gelsam-Straße 2941812  
 Erkelenz, DE-Tyskland  
 (74) **Fullmektig:**  
 CURO AS, Vestre Rosten 81, 7075 TILLER, Norge  
 (54) **Benevnelse:**  
 ROOM AIR AND / OR AIR CONDITIONING SYSTEM FOR  
 VENTILATING A ROOM OR ROOMS WITH AT LEAST  
 ONE MAIN AIR LINE AND METHOD FOR REGULATING  
 A ROOM AIR AND / OR AIR CONDITIONING SYSTEM  
 FOR VENTILATING A ROOM OR ROOMS WITH AT  
 LEAST ONE MAIN AIR LINE

- (51) **Klasse :** *F28F 1/14 (2006.01)*  
*F24D 3/16 (2006.01)*  
*F24F 5/00 (2006.01)*  
*F28D 1/053 (2006.01)*  
*F28D 21/00 (2006.01)*  
*F28F 1/16 (2006.01)*  
*F28F 1/22 (2006.01)*  
 (87) **EP Publ.nr:** EP4089335  
 (86) **EP søkn.nr:** 21173863.8  
 (86) **EP innl.dag:** 2021.05.14  
 (87) **EP publ.dag:** 2022.11.16  
 (80) **EP meddelt :** 2023.11.29  
 (73) **Innehaver:**  
 Allfest GmbH, Sulzbachstrasse 6978554 Aldingen, DE-  
 Tyskland  
 (72) **Oppfinner:**  
 FLAIG, Hartmut, 78554 Aldingen, DE-Tyskland  
 (74) **Fullmektig:**  
 AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
 Norge  
 (54) **Benevnelse:**  
 CEILING RADIATOR HAVING A STAR-SHAPED CROSS-  
 SECTION

- (51) **Klasse :** *F42B 12/06 (2006.01)*  
*F42B 12/36 (2006.01)*  
*F42B 12/44 (2006.01)*  
*F42B 12/46 (2006.01)*  
 (87) **EP Publ.nr:** EP3759417  
 (86) **EP søkn.nr:** 19706999.0  
 (86) **EP innl.dag:** 2019.02.22  
 (87) **EP publ.dag:** 2021.01.06  
 (80) **EP meddelt :** 2023.12.06  
 (30) **Prioritet:** 2018.02.26, DE, 102018104333  
 (86) **Int.inndag :** 2019.02.22  
 (86) **Int.søknadsnr :** PCT/EP2019/054464  
 (73) **Innehaver:**  
 RWM Schweiz AG, Birchstrasse 1558050 Zürich, CH-  
 Sveits  
 (72) **Oppfinner:**  
 PFAFF, Andreas, Wasserschöpfli8055 Zürich, CH-Sveits  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 PROJECTILE HAVING A PYROTECHNIC CHARGE

- (51) **Klasse :** *G01B 3/46 (2006.01)*  
*E21B 47/00 (2012.01)*  
*E21B 47/08 (2012.01)*  
*G01B 5/12 (2006.01)*  
*G01B 11/16 (2006.01)*  
*G01V 11/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3938730  
 (86) **EP søkn.nr:** 20711273.1  
 (86) **EP innl.dag:** 2020.03.06  
 (87) **EP publ.dag:** 2022.01.19  
 (80) **EP meddelt :** 2023.12.20  
 (30) **Prioritet:** 2019.03.14, GB, 201903505  
 (86) **Int.inndag :** 2020.03.06  
 (86) **Int.søknadsnr :** PCT/GB2020/050541  
 (73) **Innehaver:**  
 Expro North Sea Limited, Lion House Dyce Avenue  
 DyceAberdeen AB21 0LQ, GB-Storbritannia  
 (72) **Oppfinner:**  
 BOGDANOV, Oleg, 11a Nova Lodge, The  
 GroveChristchurch Dorset BH23 2EX, GB-Storbritannia  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 GAUGE APPARATUS AND METHOD OF MEASURING  
 THE GEOMETRY OF WELLBORES

- (51) **Klasse :** **G01N 33/537 (2006.01)**  
 (87) **EP Publ.nr.:** EP3037821  
 (86) **EP søkn.nr.:** 15200338.0  
 (86) **EP innl.dag:** 2015.12.16  
 (87) **EP publ.dag:** 2016.06.29  
 (80) **EP meddelt :** 2023.11.29  
 (30) **Prioritet:** 2014.12.27, EP, 14200361  
 (73) **Innehaver:**  
 Miltenyi Biotec B.V. & Co. KG, Friedrich-Ebert-Strasse  
 6851429 Bergisch Gladbach, DE-Tyskland
- (72) **Oppfinner:**  
 DOSE, Dr. Christian, Miltenyi Biotec GmbH c/o Miltenyi  
 Biotec GmbH Friedrich-Ebert-Strasse 68D-51429 Bergisch  
 Gladbach, DE-Tyskland  
 BRIEDEN, Dr. Jennifer, Miltenyi Biotec GmbH c/o Miltenyi  
 Biotec GmbH Friedrich-Ebert-Strasse 68D-51429 Bergisch  
 Gladbach, DE-Tyskland  
 MILTENYI, Stefan, c/o Miltenyi Biotec GmbH Friedrich-  
 Ebert-Strasse 6851429 Bergisch Gladbach, DE-Tyskland  
 ROCKEL, Dr. Thomas, c/o Miltenyi Biotec GmbH Friedrich-  
 Ebert-Strasse 6851429 Bergisch Gladbach, DE-Tyskland  
 RUDOLF, Veronika, Miltenyi Biotec GmbH  
 Gieselbertstrasse 2451429 Bergisch Gladbach, DE-  
 Tyskland
- (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
 OSLO, Norge
- (54) **Benevnelse:**  
 CELL DETECTION WITH CONJUGATES HAVING AN  
 ENZYMATICALLY RELEASABLE DETECTION MOIETY
- 
- (51) **Klasse :** **G01V 1/30 (2006.01)**  
**G01V 1/00 (2006.01)**  
**G01V 1/28 (2006.01)**  
 (87) **EP Publ.nr.:** EP3350626  
 (86) **EP søkn.nr.:** 16847259.5  
 (86) **EP innl.dag:** 2016.09.15  
 (87) **EP publ.dag:** 2018.07.25  
 (80) **EP meddelt :** 2023.10.11  
 (30) **Prioritet:** 2015.09.16, US, 201562219181 P  
 (86) **Int.inndag :** 2016.09.15  
 (86) **Int.søknadsnr :** PCT/US2016/051804  
 (73) **Innehaver:**  
 Schlumberger Technology B.V., Parkstraat 83-89m2514 JG  
 The Hague, NL-Nederland  
 Cambridge Enterprise Limited, The Old Schools Trinity  
 LaneCambridge, Cambridgeshire CB2 1TN, GB-  
 Storbritannia
- (72) **Oppfinner:**  
 PUGH, David J., Schlumberger Cambridge Research  
 Limited High Cross Madingley RoadCambridge,  
 Cambridgeshire CB3 0EL, GB-Storbritannia  
 WHITE, Robert S., 15, Mingle LaneGt Shelford,  
 Cambridgeshire CB22, GB-Storbritannia  
 CHRISTIE, Philip Andrew Felton, 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:**  
 BAYSEIAN POLARITY DETERMINATION

- (51) **Klasse :** **G01V 1/30 (2006.01)**  
**G01V 1/50 (2006.01)**  
 (87) **EP Publ.nr.:** EP3948362  
 (86) **EP søkn.nr.:** 20720693.9  
 (86) **EP innl.dag:** 2020.03.30  
 (87) **EP publ.dag:** 2022.02.09  
 (80) **EP meddelt :** 2023.12.06  
 (30) **Prioritet:** 2019.04.01, US, 201916371573  
 (86) **Int.inndag :** 2020.03.30  
 (86) **Int.søknadsnr :** PCT/US2020/025679  
 (73) **Innehaver:**  
 Saudi Arabian Oil Company, 1 Eastern AvenueDhahran  
 31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
 NIVLET, Philippe, Saudi Aramco P.O. Box 6530Dhahran,  
 31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
 RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
 CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
 CONTROLLING FLUID VOLUME VARIATIONS OF A  
 RESERVOIR UNDER PRODUCTION
- 
- (51) **Klasse :** **G01V 1/38 (2006.01)**  
**G01V 1/36 (2006.01)**  
 (87) **EP Publ.nr.:** EP2841966  
 (86) **EP søkn.nr.:** 13781021.4  
 (86) **EP innl.dag:** 2013.04.23  
 (87) **EP publ.dag:** 2015.03.04  
 (80) **EP meddelt :** 2023.10.11  
 (30) **Prioritet:** 2012.04.23, US, 201261636965 P  
 (86) **Int.inndag :** 2013.04.23  
 (86) **Int.søknadsnr :** PCT/US2013/037715  
 (73) **Innehaver:**  
 WesternGeco Seismic Holdings Limited, Citco Building,  
 P.O. Box 662Road Town, Tortola, VG-De britiske  
 jomfruøyene
- (72) **Oppfinner:**  
 RENTSCH-SMITH, Susanne, 34 Byron StreetHove Sussex  
 BN3 5BA, GB-Storbritannia  
 OZBEK, Ali, 17 Faulkner CloseMilton Cambridgeshire  
 CB24 6EF, GB-Storbritannia  
 BROUWER, Wouter Gerrit, 10 Tainters BrookUckfield  
 Sussex TN22 LUQ, GB-Storbritannia  
 GARDNER, Jason, 12800 Briar Forest 71Houston, Texas  
 77077, US-USA
- (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge
- (54) **Benevnelse:**  
 ATTENUATING NOISE IN A MULTI-SHOT  
 MEASUREMENT



- (51) **Klasse :** *G01V 3/28 (2006.01)*  
*G01V 3/38 (2006.01)*
- (87) **EP Publ.nr:** EP3420347
- (86) **EP søkn.nr:** 17753741.2
- (86) **EP innl.dag:** 2017.02.15
- (87) **EP publ.dag:** 2019.01.02
- (80) **EP meddelt :** 2023.12.27
- (30) **Prioritet:** 2016.02.19, US, 201615048263
- (86) **Int.inndag :** 2017.02.15
- (86) **Int.søknadsnr :** PCT/US2017/017934
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield  
RoadHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
ITSKOVICH, Gregory, 17021 Aldine WestfieldHouston,  
Texas 77073, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
DOWNHOLE TRANSIENT RESISTIVITY  
MEASUREMENTS

- (51) **Klasse :** *G02B 3/00 (2006.01)*  
*G02B 5/128 (2006.01)*  
*G02B 30/56 (2020.01)*  
*G03B 21/62 (2014.01)*  
*G03B 35/04 (2021.01)*
- (87) **EP Publ.nr:** EP2165224
- (86) **EP søkn.nr:** 08771236.0
- (86) **EP innl.dag:** 2008.06.17
- (87) **EP publ.dag:** 2010.03.24
- (80) **EP meddelt :** 2023.12.13
- (30) **Prioritet:** 2007.07.11, US, 949092 P
- (86) **Int.inndag :** 2008.06.17
- (86) **Int.søknadsnr :** PCT/US2008/067180
- (73) **Innehaver:**  
Thales Dis France SAS, 6, rue de la Verrerie92190  
Meudon, FR-Frankrike
- (72) **Oppfinner:**  
HERBERT, Samuel D., 3M Center Post Office Box  
33427Saint Paul, Minnesota 55133-3427, US-USA  
STUDINER, Charles J., IV, 3M Center Post Office Box  
33427Saint Paul, Minnesota 55133-3427, US-USA  
SMITHSON, Robert L.w., 3M Center Post Office Box  
33427Saint Paul, Minnesota 55133-3427, US-USA  
KRASA, Robert T., 3M Center Post Office Box 33427Saint  
Paul, Minnesota 55133-3427, US-USA  
WU, Pingfan, 3M Center Post Office Box 33427Saint Paul,  
Minnesota 55133-3427, US-USA  
DUNN, Douglas S., 3M Center Post Office Box 33427Saint  
Paul, Minnesota 55133-3427, US-USA  
DOLEZAL, Michael W., 3M Center Post Office Box  
33427Saint Paul, Minnesota 55133-3427, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
SHEETING WITH COMPOSITE IMAGE THAT FLOATS

- (51) **Klasse :** *G02B 5/08 (2006.01)*  
*A45D 42/10 (2006.01)*  
*A47G 1/02 (2006.01)*
- (87) **EP Publ.nr:** EP3901673
- (86) **EP søkn.nr:** 21169603.4
- (86) **EP innl.dag:** 2021.04.21
- (87) **EP publ.dag:** 2021.10.27
- (80) **EP meddelt :** 2023.12.27
- (30) **Prioritet:** 2020.04.23, IT, 202000008731
- (73) **Innehaver:**  
Vanita' & Casa S.r.l., Via Cima Manera 1133081 Aviano  
(PN), IT-Italia
- (72) **Oppfinner:**  
CARUSO, Alexander, 33081 Aviano, IT-Italia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
BACK-LIGHT MIRROR

- (51) **Klasse :** *G02B 6/38 (2006.01)*  
*G02B 6/42 (2006.01)*  
*G02B 6/44 (2006.01)*  
*H05K 5/06 (2006.01)*  
*H05K 9/00 (2006.01)*
- (87) **EP Publ.nr:** EP3967117
- (86) **EP søkn.nr:** 20727402.8
- (86) **EP innl.dag:** 2020.05.07
- (87) **EP publ.dag:** 2022.03.16
- (80) **EP meddelt :** 2023.10.25
- (30) **Prioritet:** 2019.05.09, SE, 1950558  
2019.05.09, SE, 1950559
- (86) **Int.inndag :** 2020.05.07
- (86) **Int.søknadsnr :** PCT/SE2020/050471
- (73) **Innehaver:**  
Hans-Erik Johansson I Hagstad AB, Läroverksgatan 42335  
32 Gnosjö, SE-Sverige
- (72) **Oppfinner:**  
JOHANSSON, Hans-Erik, Läroverksgatan 42335 32  
Gnosjö, SE-Sverige
- (74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
Norge
- (54) **Benevnelse:**  
FEED-THROUGH

- (51) **Klasse :** **G02B 26/00 (2006.01)**  
**H01L 33/50 (2010.01)**
- (87) **EP Publ.nr:** EP3423883
- (86) **EP søkn.nr:** 16892007.2
- (86) **EP innl.dag:** 2016.03.02
- (87) **EP publ.dag:** 2019.01.09
- (80) **EP meddelt :** 2023.11.29
- (86) **Int.inndag :** 2016.03.02
- (86) **Int.søknadsnr :** PCT/CN2016/075313
- (73) **Innehaver:**  
Materion Corporation, 6070 Parkland Blvd.Mayfield Heights, OH 44124, US-USA
- (72) **Oppfinner:**  
ZHANG, David, 33 Building No. 76 Fu Te Dong San Road Waigaoqiao Free Trade Zone PudongShanghai 200131, CN-Kina  
CAO, Ying, 33 Building No. 76 Fu Te Dong San Road Waigaoqiao Free Trade Zone PudongShanghai 200131, CN-Kina  
BAI, Shengyuan, 33 Building No. 76 Fu Te Dong San Road Waigaoqiao Free Trade Zone PudongShanghai 200131, CN-Kina  
LI, Lennon, 33 Building No. 76 Fu Te Dong San Road Waigaoqiao Free Trade Zone PudongShanghai 200131, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
OPTICALLY ENHANCED LIGHT CONVERTER

- (51) **Klasse :** **G06E 3/00 (2006.01)**  
**E21B 7/06 (2006.01)**  
**E21B 47/022 (2012.01)**
- (87) **EP Publ.nr:** EP3445943
- (86) **EP søkn.nr:** 17786686.0
- (86) **EP innl.dag:** 2017.04.21
- (87) **EP publ.dag:** 2019.02.27
- (80) **EP meddelt :** 2023.11.29
- (30) **Prioritet:** 2016.04.22, US, 201615136362
- (86) **Int.inndag :** 2017.04.21
- (86) **Int.søknadsnr :** PCT/US2017/028766
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield RoadHouston, TX 77073, US-USA
- (72) **Oppfinner:**  
DIFOGGIO, Rocco, 17021 Aldine WestfieldHouston Texas 77073, US-USA  
MAURER, Hans-Martin, 17021 Aldine WestfieldHouston Texas 77073, US-USA  
TABAROVSKY, Leonty, 17021 Aldine WestfieldHouston Texas 77073, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike
- (54) **Benevnelse:**  
DIRECTIONAL DRILLING CONTROL SYSTEM AND METHODS

- (51) **Klasse :** **G06F 1/02 (2006.01)**
- (87) **EP Publ.nr:** EP3682331
- (86) **EP søkn.nr:** 18762704.7
- (86) **EP innl.dag:** 2018.08.14
- (87) **EP publ.dag:** 2020.07.22
- (80) **EP meddelt :** 2023.12.27
- (30) **Prioritet:** 2017.09.15, US, 201715706530
- (86) **Int.inndag :** 2018.08.14
- (86) **Int.søknadsnr :** PCT/US2018/046590
- (73) **Innehaver:**  
Qualcomm Incorporated, 5775 Morehouse DriveSan Diego, CA 92121-1714, US-USA
- (72) **Oppfinner:**  
RAMANUJAN, Raj, QUALCOMM Incorporated 5775 Morehouse DriveSan Diego, California 92121-1714, US-USA  
BAINS, Kuljit Singh, QUALCOMM Incorporated 5775 Morehouse DriveSan Diego, California 92121-1714, US-USA  
WANG, Liyong, QUALCOMM Incorporated 5775 Morehouse DriveSan Diego, California 92121-1714, US-USA  
QUEEN, Wesley, QUALCOMM Incorporated 5775 Morehouse DriveSan Diego, California 92121-1714, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PERSISTENT WRITES FOR NON-VOLATILE MEMORY

- (51) **Klasse :** **G06T 5/00 (2006.01)**
- (87) **EP Publ.nr:** EP3912126
- (86) **EP søkn.nr:** 20741691.8
- (86) **EP innl.dag:** 2020.01.14
- (87) **EP publ.dag:** 2021.11.24
- (80) **EP meddelt :** 2023.10.11
- (30) **Prioritet:** 2019.01.15, US, 201962792513 P
- (86) **Int.inndag :** 2020.01.14
- (86) **Int.søknadsnr :** PCT/US2020/013495
- (73) **Innehaver:**  
Geoquest Systems B.V., Gevers Deynootweg 612586 BJ The Hague, NL-Nederland
- (72) **Oppfinner:**  
AARRE, Victor, Schlumberger Information Solutions AS Risabergveien 34068 TanangerNorge
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
RESIDUAL SIGNAL DETECTION FOR NOISE ATTENUATION

- (51) **Klasse :** *G07F 9/00 (2006.01)*  
*G06Q 20/28 (2012.01)*  
*G06Q 20/32 (2012.01)*  
*G06Q 20/36 (2012.01)*  
*G06Q 30/06 (2023.01)*  
*G07F 13/02 (2006.01)*  
*G07F 19/00 (2006.01)*
- (87) **EP Publ.nr:** EP3477607  
(86) **EP søkn.nr:** 18212205.1  
(86) **EP innl.dag:** 2018.12.13  
(87) **EP publ.dag:** 2019.05.01  
(80) **EP meddelt :** 2023.11.22  
(30) **Prioritet:** 2017.10.31, US, 201715798861  
(73) **Innehaver:**  
Wayne Fueling Systems LLC, 3814 Jarrett WayAustin, TX  
78728, US-USA
- (72) **Oppfinner:**  
Fieglein, Henry, 1203 Anna CourtCedar Park, Texas  
78613, US-USA
- (74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
Norge
- (54) **Benevnelse:**  
METHODS, SYSTEMS, AND DEVICES FOR LOADING  
CURRENCY INTO AN ELECTRONIC WALLET

- (51) **Klasse :** *G10L 21/038 (2013.01)*  
*G10L 19/00 (2013.01)*  
*G10L 19/18 (2013.01)*
- (87) **EP Publ.nr:** EP4120261  
(86) **EP søkn.nr:** 22189216.9  
(86) **EP innl.dag:** 2019.01.28  
(87) **EP publ.dag:** 2023.01.18  
(80) **EP meddelt :** 2023.11.29  
(30) **Prioritet:** 2018.01.26, EP, 18153683  
(73) **Innehaver:**  
Dolby International AB, 77 Sir John Rogerson's Quay Block  
C Grand Canal DocklandsDublin, D02 VK60, IE-Irland
- (72) **Oppfinner:**  
KJOERLING, Kristofer, 113 30 Stockholm, SE-Sverige  
VILLEMOES, Lars, 113 30 Stockholm, SE-Sverige  
PURNHAGEN, Heiko, 113 30 Stockholm, SE-Sverige  
EKSTRAND, Per, 113 30 Stockholm, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
BACKWARD-COMPATIBLE INTEGRATION OF HIGH  
FREQUENCY RECONSTRUCTION TECHNIQUES FOR  
AUDIO SIGNALS

- (51) **Klasse :** *H01B 3/56 (2006.01)*
- (87) **EP Publ.nr:** EP3982377  
(86) **EP søkn.nr:** 20201068.2  
(86) **EP innl.dag:** 2020.10.09  
(87) **EP publ.dag:** 2022.04.13  
(80) **EP meddelt :** 2023.11.29  
(73) **Innehaver:**  
Hitachi Energy Ltd, Brown-Boveri-Strasse 58050 Zürich,  
CH-Sveits
- (72) **Oppfinner:**  
HENGSTLER, Johannes, 8426 Lufingen, CH-Sveits  
BUFFONI, Saskia, 5600 Lenzbug, CH-Sveits  
STRAUMANN, Ulrich, 8404 Winterthur, CH-Sveits  
NAEF, Manuel, 8645 Rapperswil-Jona, CH-Sveits  
FAVE, Loic, 1700 Fribourg, CH-Sveits
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR RE-ESTABLISHING AN ELECTRICAL  
APPARATUS OF MEDIUM OR HIGH VOLTAGE

- (51) **Klasse :** *H01H 13/52 (2006.01)*  
*H01R 13/70 (2006.01)*  
*H01R 24/78 (2011.01)*  
*H01R 25/00 (2006.01)*
- (87) **EP Publ.nr:** EP4064308  
(86) **EP søkn.nr:** 22159052.4  
(86) **EP innl.dag:** 2022.02.28  
(87) **EP publ.dag:** 2022.09.28  
(80) **EP meddelt :** 2023.10.25  
(30) **Prioritet:** 2021.03.24, IN, 202131012663  
(73) **Innehaver:**  
Schneider Electric Industries SAS, 35, rue Joseph  
Monier92500 Rueil-Malmaison, FR-Frankrike
- (72) **Oppfinner:**  
THODIYIL, Babish, 560115 Bangalore, IN-India  
BARAD, Praveenkumar, 560049 Bangalore, IN-India
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
PUSH BUTTON SWITCHING ASSEMBLY

- (51) **Klasse :** *H01M 4/505 (2010.01)*  
*C01G 53/00 (2006.01)*
- (87) **EP Publ.nr:** EP3944375  
(86) **EP søkn.nr:** 20859977.9  
(86) **EP innl.dag:** 2020.09.01  
(87) **EP publ.dag:** 2022.01.26  
(80) **EP meddelt :** 2023.12.06  
(30) **Prioritet:** 2019.09.02, CN, 201910845574  
(86) **Int.inndag :** 2020.09.01  
(86) **Int.søknadsnr :** PCT/CN2020/112913  
(73) **Innehaver:**  
Contemporary Ampere Technology Co., Limited, No.2  
Xingang Road Zhangwan Town Jiaocheng DistrictNingde  
City, Fujian PRC 352100, CN-Kina
- (72) **Oppfinner:**  
DOU, Shushi, No. 2 Xin'gang Road, Zhangwan Town,  
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina  
HU, Chunhua, No. 2 Xin'gang Road, Zhangwan Town,  
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina  
JIANG, Yao, No. 2 Xin'gang Road, Zhangwan Town,  
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina  
WU, Qi, No. 2 Xin'gang Road, Zhangwan Town, Jiaocheng  
DistrictNingde, Fujian 352100, CN-Kina  
HE, Jinhua, No. 2 Xin'gang Road, Zhangwan Town,  
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina  
DENG, Bin, No. 2 Xin'gang Road, Zhangwan Town,  
Jiaocheng DistrictNingde, Fujian 352100, CN-Kina
- (74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia
- (54) **Benevnelse:**  
POSITIVE ELECTRODE ACTIVE MATERIAL,  
PREPARATION METHOD THEREFOR, AND LITHIUM  
ION SECONDARY BATTERY



(51) **Klasse :** *H01M 8/0267 (2016.01)*  
*H01M 8/0258 (2016.01)*  
*H01M 8/026 (2016.01)*  
*H01M 8/0297 (2016.01)*  
*H01M 8/1018 (2016.01)*

(87) **EP Publ.nr:** EP4078704  
(86) **EP søkn.nr:** 21708153.8  
(86) **EP innl.dag:** 2021.02.18  
(87) **EP publ.dag:** 2022.10.26  
(80) **EP meddelt :** 2023.11.08  
(30) **Prioritet:** 2020.05.11, DE, 102020205871  
(86) **Int.inndag :** 2021.02.18  
(86) **Int.søknadsnr :** PCT/EP2021/053978  
(73) **Innehaver:**  
Siemens Energy Global GmbH & Co. KG, Otto-Hahn-Ring  
681739 München, DE-Tyskland

(72) **Oppfinner:**  
BRANDT, Torsten, 91301 Forchheim, DE-Tyskland  
BRAUNECKER, Michael, 90419 Nürnberg, DE-Tyskland  
BÄRNREUTHER, Frank, 91413 Neustadt Aisch, DE-  
Tyskland  
MATTEJAT, Arno, 91056 Erlangen, DE-Tyskland

(74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark

(54) **Benevnelse:**  
COOLING OF A FUEL CELL

(51) **Klasse :** *H02J 3/01 (2006.01)*  
*H02J 3/18 (2006.01)*  
*H02J 3/24 (2006.01)*

(87) **EP Publ.nr:** EP2783446  
(86) **EP søkn.nr:** 12851560.8  
(86) **EP innl.dag:** 2012.11.22  
(87) **EP publ.dag:** 2014.10.01  
(80) **EP meddelt :** 2023.12.13  
(30) **Prioritet:** 2011.11.25, SE, 1151123  
2011.12.01, US, 201161565785 P  
(86) **Int.inndag :** 2012.11.22  
(86) **Int.søknadsnr :** PCT/SE2012/051290  
(73) **Innehaver:**  
Comsys AB, Kalkstensvägen 5224 78 Lund, SE-Sverige

(72) **Oppfinner:**  
PERSSON, Jonas, c/o Comsys AB Fältspatvägen 4S-224  
78 Lund, SE-Sverige

(74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
Norge

(54) **Benevnelse:**  
CONTROL UNIT FOR ACTIVE FILTER, ACTIVE FILTER  
AND METHOD FOR RESONANCE REDUCTION

(51) **Klasse :** *H02J 13/00 (2006.01)*  
*H02J 3/14 (2006.01)*  
*H04B 3/54 (2006.01)*

(87) **EP Publ.nr:** EP3869664  
(86) **EP søkn.nr:** 21156944.7  
(86) **EP innl.dag:** 2021.02.12  
(87) **EP publ.dag:** 2021.08.25  
(80) **EP meddelt :** 2023.11.22  
(30) **Prioritet:** 2020.02.14, DE, 102020103988  
(73) **Innehaver:**  
Mitteldeutsche Netzgesellschaft Strom mbH,  
Industriestrasse 1006184 Kabelsketal, DE-Tyskland

(72) **Oppfinner:**  
Palm, Sebastian, Dölzschener Ring 2301187 Dresden, DE-  
Tyskland  
Schnelle, Tobias, Blumenstraße 2204105 Leipzig, DE-  
Tyskland  
Nitschke, Sebastian, Gebersbacher Straße 4004720  
Döbeln OT Ziegra, DE-Tyskland

(74) **Fullmektig:**  
PLOGGMANN VINGTOFT, C. J. Hambros plass 2, 0164  
OSLO, Norge

(54) **Benevnelse:**  
METHOD FOR COMMUNICATION BETWEEN A  
NETWORK CONTROLLER AND A PLURALITY OF  
ELECTRICAL CONTROL DEVICES, NETWORK  
CONTROLLER, CONTROL DEVICE AND SYSTEM

(51) **Klasse :** *H02P 25/08 (2016.01)*  
*F04B 17/04 (2006.01)*  
*H02P 3/06 (2006.01)*

(87) **EP Publ.nr:** EP3747122  
(86) **EP søkn.nr:** 19701640.5  
(86) **EP innl.dag:** 2019.01.24  
(87) **EP publ.dag:** 2020.12.09  
(80) **EP meddelt :** 2023.11.15  
(30) **Prioritet:** 2018.01.31, DE, 102018102153  
(86) **Int.inndag :** 2019.01.24  
(86) **Int.søknadsnr :** PCT/EP2019/051676  
(73) **Innehaver:**  
Hammelmann GmbH, Carl-Zeiss-Straße 6-859302 Oelde,  
DE-Tyskland

(72) **Oppfinner:**  
BEDNORZ, Christoph, Pannenberg 4159269 Beckum, DE-  
Tyskland  
GRÜTER, Marc, Schulbach 1833378 Rheda-Wiedenbrück,  
DE-Tyskland  
JARCHAU, Michael, Geisbergstraße 359302 Oelde, DE-  
Tyskland

(74) **Fullmektig:**  
AWA NORWAY AS, Postboks 1052 Hoff, 0218 OSLO,  
Norge

(54) **Benevnelse:**  
DEVICE FOR PROCESSING A WORKPIECE

(51) **Klasse :** *H04J 13/00 (2011.01)*  
 (87) **EP Publ.nr:** EP3931991  
 (86) **EP søkn.nr:** 20714267.0  
 (86) **EP innl.dag:** 2020.02.24  
 (87) **EP publ.dag:** 2022.01.05  
 (80) **EP meddelt :** 2023.10.11  
 (30) **Prioritet:** 2019.02.27, FR, 1902035  
 (86) **Int.inndag :** 2020.02.24  
 (86) **Int.søknadsnr :** PCT/FR2020/050345  
 (73) **Innehaver:**  
 Ternwaves, 132 Boulevard de la République Parc des  
 Camélias - Bât.B06400 Cannes, FR-Frankrike  
 (72) **Oppfinner:**  
 CANONICI, Jean, Bât B - Parc des Camélias 132  
 boulevard de la République06400 CANNES, FR-Frankrike  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD AND DEVICE FOR MODULATING WITH  
 ZADOFF-CHU SEQUENCES

(51) **Klasse :** *H04W 8/00 (2009.01)*  
*H04L 9/40 (2022.01)*  
 (87) **EP Publ.nr:** EP4080923  
 (86) **EP søkn.nr:** 22169145.4  
 (86) **EP innl.dag:** 2022.04.21  
 (87) **EP publ.dag:** 2022.10.26  
 (80) **EP meddelt :** 2023.11.01  
 (30) **Prioritet:** 2021.04.22, FR, 2104189  
 (73) **Innehaver:**  
 THALES, Tour Carpe Diem Place des Corolles - Esplanade  
 Nord92400 Courbevoie, FR-Frankrike  
 (72) **Oppfinner:**  
 SALIBA, Eric, 92622 GENNEVILLIERS CEDEX, FR-  
 Frankrike  
 BONNAFOUX, Luc, 92622 GENNEVILLIERS CEDEX, FR-  
 Frankrike  
 THIERRY, Benjamin, 92622 GENNEVILLIERS CEDEX,  
 FR-Frankrike  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 ELECTRONIC DEVICE FOR DECENTRALISED  
 MANAGEMENT OF COMMUNICATION GROUP(S)

(51) **Klasse :** *H04W 72/04 (2023.01)*  
*H04L 1/1829 (2023.01)*  
*H04L 5/00 (2006.01)*  
*H04W 72/23 (2023.01)*  
 (87) **EP Publ.nr:** EP3720213  
 (86) **EP søkn.nr:** 18882974.1  
 (86) **EP innl.dag:** 2018.11.21  
 (87) **EP publ.dag:** 2020.10.07  
 (80) **EP meddelt :** 2023.12.20  
 (30) **Prioritet:** 2017.11.29, JP, 2017241134  
 (86) **Int.inndag :** 2018.11.21  
 (86) **Int.søknadsnr :** PCT/JP2018/042939  
 (73) **Innehaver:**  
 NTT DOCOMO, INC., 11-1, Nagatacho 2-chome,Chiyoda-  
 ku Tokyo 100-6150, JP-Japan  
 (72) **Oppfinner:**  
 MATSUMURA, Yuki, c/o Intellectual Property Department  
 NTT DOCOMO INC. SANNO PARK TOWER 11-1  
 Nagatacho 2-chome Chiyoda-kuTokyo 100-6150, JP-Japan  
 TAKEDA, Kazuki, c/o Intellectual Property Department NTT  
 DOCOMO INC. SANNO PARK TOWER 11-1 Nagatacho 2-  
 chome Chiyoda-kuTokyo 100-6150, JP-Japan  
 NAGATA, Satoshi, c/o Intellectual Property Department  
 NTT DOCOMO INC. SANNO PARK TOWER 11-1  
 Nagatacho 2-chome Chiyoda-kuTokyo 100-6150, JP-Japan  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 USER TERMINAL AND WIRELESS COMMUNICATION  
 METHOD

(51) **Klasse :** *H05H 9/04 (2006.01)*  
 (87) **EP Publ.nr:** EP4164344  
 (86) **EP søkn.nr:** 22199324.9  
 (86) **EP innl.dag:** 2022.10.03  
 (87) **EP publ.dag:** 2023.04.12  
 (80) **EP meddelt :** 2023.12.27  
 (30) **Prioritet:** 2021.10.07, JP, 2021165816  
 (73) **Innehaver:**  
 Time Co., Ltd., 73-48, Nutanishi-cho ObaraMihara-shi,  
 Hiroshima 729-0473, JP-Japan  
 (72) **Oppfinner:**  
 Yamauchi, Hideaki, Hiroshima 729-0473, JP-Japan  
 Masuoka, Masashi, Hiroshima 729-0473, JP-Japan  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 QUADRUPOLE ACCELERATOR AND A METHOD FOR  
 MANUFACTURING QUADRUPOLE ACCELERATOR

## Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

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

(21) **Søknadsnr:** 20220694  
(71) **Søker:**  
HTS Hans Torgersen & Sønn AS, Sundvollhovet 35, 3535 KRØDEREN, Norge  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.19

(11) **Patent nr.:** 336945  
(21) **Søknadsnr:** 20111281  
(73) **Innehaver:** HTS Hans Torgersen & Sønn AS, Sundvollhovet 35, 3535 KRØDEREN, Norge  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.19

(11) **Patent nr.:** NO/EP3672719  
(21) **Søknadsnr:** EP3672719  
(73) **Innehaver:** SODI, Zone Industrielle la Palunette, 13165 CHÂTEAUNEUF-LES-MARTIGUES CEDEX, Frankrike  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.13

(11) **Patent nr.:** NO/EP3043900  
(21) **Søknadsnr:** EP3043900  
(73) **Innehaver:** SODI, Zone Industrielle la Palunette, 13165 CHÂTEAUNEUF-LES-MARTIGUES CEDEX, Frankrike  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.13

(11) **Patent nr.:** NO/EP3656581  
(21) **Søknadsnr:** EP3656581  
(73) **Innehaver:** Betek GmbH & Co. KG, Sulgener Strasse 21-23, 78733 AICHHALDEN, Tyskland  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.13

(11) **Patent nr.:** NO/EP3765313  
(21) **Søknadsnr:** EP3765313  
(73) **Innehaver:** Betek GmbH & Co. KG, Sulgener Strasse 21-23, 78733 AICHHALDEN, Tyskland  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, C. J. Hambros plass 2, 0164 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.13

(11) **Patent nr.:** 342504  
(21) **Søknadsnr:** 20161377  
(73) **Innehaver:** TYKO AS, c/o Per Øyvind Bø, Sørødalen 439, 4308 SANDNES, Norge  
**Melding innkommet patentstyret:**  
2024.02.19

(11) **Patent nr.:** NO/EP2565114  
(21) **Søknadsnr:** EP2565114  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geoje-daero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.01.24

(11) **Patent nr.:** NO/EP2853479  
(21) **Søknadsnr:** EP2853479  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geoje-daero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.01.24

(11) **Patent nr.:** NO/EP2489585  
(21) **Søknadsnr:** EP2489585  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geoje-daero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.01.24

(11) **Patent nr.:** NO/EP1990272  
(21) **Søknadsnr:** EP1990272  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geoje-daero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.01.24

(11) **Patent nr.:** NO/EP2332825  
(21) **Søknadsnr:** EP2332825  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedae-ro, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

(11) **Patent nr.:** NO/EP3393976  
(21) **Søknadsnr:** EP3393976  
(73) **Innehaver:** Resonac Corporation, 9-1, Higashi-Shimbashi 1-chome Minato-ku, TOKYO, Japan  
(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
**Melding innkommet patentstyret:** 2024.02.14

(11) **Patent nr.:** NO/EP3247699  
(21) **Søknadsnr:** EP3247699  
(73) **Innehaver:** EUROAPI Germany GmbH, Brüningstrasse 50, 65926 FRANKFURT AM MAIN, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.02.14

(11) **Patent nr.:** NO/EP3365327  
(21) **Søknadsnr:** EP3365327  
(73) **Innehaver:** EUROAPI Germany GmbH, Brüningstrasse 50, 65926 FRANKFURT AM MAIN, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.02.14

(11) **Patent nr.:** NO/EP3507291  
(21) **Søknadsnr:** EP3507291  
(73) **Innehaver:** Tisento Therapeutics Inc., 245 First Street, Riverview II, 18th Floor, MA02142 CAMBRIDGE, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.02.15

(11) **Patent nr.:** NO/EP3228637  
(21) **Søknadsnr:** EP3228637  
(73) **Innehaver:** Resonac Corporation, 9-1, Higashi-Shimbashi 1-chome Minato-ku, TOKYO, Japan  
(74) **Fullmektig:** HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
**Melding innkommet patentstyret:** 2024.02.14

(11) **Patent nr.:** NO/EP3289041  
(21) **Søknadsnr:** EP3289041  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

(11) **Patent nr.:** NO/EP3359620  
(21) **Søknadsnr:** EP3359620  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

(21) **Søknadsnr:** 20161908  
(71) **Søker:** Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.02.13

(11) **Patent nr.:** NO/EP3014064  
(21) **Søknadsnr:** EP3014064  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

(11) **Patent nr.:** NO/EP3404203  
(21) **Søknadsnr:** EP3404203  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

(11) **Patent nr.:** NO/EP2896810  
(21) **Søknadsnr:** EP2896810  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedae-ro, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

(11) **Patent nr.:** NO/EP2899390  
(21) **Søknadsnr:** EP2899390  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP2913509  
(21) **Søknadsnr:** EP2913509  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP2913510  
(21) **Søknadsnr:** EP2913510  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP2913511  
(21) **Søknadsnr:** EP2913511  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP2913512  
(21) **Søknadsnr:** EP2913512  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP2444712  
(21) **Søknadsnr:** EP2444712  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP2447592  
(21) **Søknadsnr:** EP2447592  
(73) **Innehaver:** Hanwha Ocean Co., Ltd., 3370 Geojedaero, 53302 GEOJE-SI, GYEONGSANGNAM-DO, Sør-Korea  
  
(74) **Fullmektig:** Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX, Frankrike  
**Melding innkommet patentstyret:** 2024.01.24

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(11) **Patent nr.:** NO/EP3368840  
(21) **Søknadsnr:** EP3368840  
(73) **Innehaver:** Vertiv S.R.L., Via Leonardo da Vinci, 16-18, 35028 PIOVE DI SACCO (PD), Italia  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.02.15

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(11) **Patent nr.:** NO/EP2985548  
(21) **Søknadsnr:** EP2985548  
(73) **Innehaver:** Vertiv S.R.L., Via Leonardo da Vinci, 16-18, 35028 PIOVE DI SACCO (PD), Italia  
  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2024.02.15

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(11) **Patent nr.:** NO/EP2585759  
(21) **Søknadsnr:** EP2585759  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

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(11) **Patent nr.:** 343646  
(21) **Søknadsnr:** 20130907  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

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(11) **Patent nr.:** NO/EP2240747  
(21) **Søknadsnr:** EP2240747  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2024.02.15

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(11) **Patent nr.:** NO/EP2329234  
(21) **Søknadsnr:** EP2329234  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP2217891  
(21) **Søknadsnr:** EP2217891  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP2483659  
(21) **Søknadsnr:** EP2483659  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP2773950  
(21) **Søknadsnr:** EP2773950  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3087378  
(21) **Søknadsnr:** EP3087378  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3087376  
(21) **Søknadsnr:** EP3087376  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3087377  
(21) **Søknadsnr:** EP3087377  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3087379  
(21) **Søknadsnr:** EP3087379  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3126822  
(21) **Søknadsnr:** EP3126822  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3137884  
(21) **Søknadsnr:** EP3137884  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patent nr.:** NO/EP3271708  
(21) **Søknadsnr:** EP3271708  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
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(11) **Patent nr.:** NO/EP3087413  
(21) **Søknadsnr:** EP3087413  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15



(11) **Patent nr.:** NO/EP3087414  
(21) **Søknadsnr:** EP3087414  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
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(11) **Patent nr.:** NO/EP3011568  
(21) **Søknadsnr:** EP3011568  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patent nr.:** NO/EP2260525  
(21) **Søknadsnr:** EP2260525  
(73) **Innehaver:** Hydro-Québec, 75 Boulevard René-Lévesque Ouest, QCH2Z1A4 MONTRÉAL, Canada  
Resonac Corporation, 9-1, Higashi-Shimbashi 1-chome Minato-ku, TOKYO, Japan  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.14

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(11) **Patent nr.:** NO/EP3284159  
(21) **Søknadsnr:** EP3284159  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patent nr.:** NO/EP3053352  
(21) **Søknadsnr:** EP3053352  
(73) **Innehaver:** Tracerco Limited, 5th Floor 25 Farringdon Street, EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patent nr.:** NO/EP3864943  
(21) **Søknadsnr:** EP3864943  
(73) **Innehaver:** Innomotics GmbH, Vogelweiherstrasse 1-15, 90441 NÜRNBERG, Tyskland  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.13

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

- (21) **Søknadsnr:** 20161150
- (21) **Søknadsnr:** 20170085
- (21) **Søknadsnr:** 20170110
- (21) **Søknadsnr:** 20171940
- (21) **Søknadsnr:** 20172043
- (21) **Søknadsnr:** 20181568
- (21) **Søknadsnr:** 20181655
- (21) **Søknadsnr:** 20190595
- (21) **Søknadsnr:** 20200146
- (21) **Søknadsnr:** 20210242
- (21) **Søknadsnr:** 20210244
- (21) **Søknadsnr:** 20210245
- (21) **Søknadsnr:** 20210246
- (21) **Søknadsnr:** 20210247
- (21) **Søknadsnr:** 20220054
- (21) **Søknadsnr:** 20220176
- (21) **Søknadsnr:** 20230092

## Bortfalte patenter

Følgende patenter er bortfalt i henhold til patentlovens §§ 40 første ledd og 51.

(11) Patentnr: 340698	(11) Patentnr: 342565
(11) Patentnr: 340805	(11) Patentnr: 344802
(11) Patentnr: 340977	(11) Patentnr: 340438
(11) Patentnr: 340980	(11) Patentnr: 345910
(11) Patentnr: 340981	(11) Patentnr: 341529
(11) Patentnr: 340982	(11) Patentnr: 334772
(11) Patentnr: 340983	(11) Patentnr: 338562
(11) Patentnr: 340984	(11) Patentnr: 335787
(11) Patentnr: 340985	(11) Patentnr: 340070
(11) Patentnr: 319441	(11) Patentnr: 323508
(11) Patentnr: 330963	(11) Patentnr: 343222
(11) Patentnr: 333013	(11) Patentnr: 327281
(11) Patentnr: 333305	(11) Patentnr: 344090
(11) Patentnr: 340668	(11) Patentnr: 324167
(11) Patentnr: 344719	(11) Patentnr: 326565
(11) Patentnr: 341242	(11) Patentnr: 340862
(11) Patentnr: 341247	(11) Patentnr: 335690
(11) Patentnr: 342202	(11) Patentnr: 342408
(11) Patentnr: 341184	(11) Patentnr: 342056
(11) Patentnr: 346997	(11) Patentnr: 345860
(11) Patentnr: 337563	(11) Patentnr: 346998
(11) Patentnr: 338137	(11) Patentnr: 345755
(11) Patentnr: 325702	(11) Patentnr: 330375
(11) Patentnr: 328786	(11) Patentnr: 338864
(11) Patentnr: 343743	(11) Patentnr: 342098
(11) Patentnr: 342194	(11) Patentnr: 340284
(11) Patentnr: 341795	(11) Patentnr: 341873
(11) Patentnr: 341172	(11) Patentnr: 326166
(11) Patentnr: 333603	(11) Patentnr: 343927

(11) **Patentnr:** 339476  
(11) **Patentnr:** 341883  
(11) **Patentnr:** 340846  
(11) **Patentnr:** 343262  
(11) **Patentnr:** 332826  
(11) **Patentnr:** 341562  
(11) **Patentnr:** 341153  
(11) **Patentnr:** 335884  
(11) **Patentnr:** 345439  
(11) **Patentnr:** 337354  
(11) **Patentnr:** 336972  
(11) **Patentnr:** 333223

## Endring i fullmaktsforhold

(21) **Søknadsnr:** 20220316  
(71) **Søker:**  
COMROD AS, Fiskåvegen 1, 4120 TAU, Norge  
(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge  
**Melding innkommet patentstyret:**  
2024.02.16

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(21) **Søknadsnr:** 20220791  
(71) **Søker:**  
ARCHER OILTOOLS AS, Sandnesveien 358, 4312  
SANDNES, Norge  
(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.13

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(11) **Patentnr:** 342504  
(21) **Søknadsnr:** 20161377  
(73) **Innehaver:**  
TYKO AS, c/o Per Øyvind Bø, Sørensdalen 439, 4308  
SANDNES, Norge  
**Melding innkommet patentstyret:**  
2024.02.19

---

(11) **Patentnr:** 343646  
(21) **Søknadsnr:** 20130907  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:**  
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00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patentnr:** 346473  
(21) **Søknadsnr:** 20181510  
(73) **Innehaver:**  
ARCHER OILTOOLS AS, Postboks 8037, 4068  
STAVANGER, Norge  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2024.02.13

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(11) **Patentnr:** NO/EP2217891  
(21) **Søknadsnr:** EP2217891  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
EC4A4AB LONDON, Storbritannia  
(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patentnr:** NO/EP2240747  
(21) **Søknadsnr:** EP2240747  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patentnr:** NO/EP2329234  
(21) **Søknadsnr:** EP2329234  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patentnr:** NO/EP2483659  
(21) **Søknadsnr:** EP2483659  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patentnr:** NO/EP2585759  
(21) **Søknadsnr:** EP2585759  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.15

---

(11) **Patentnr:** NO/EP2773950  
(21) **Søknadsnr:** EP2773950  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

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(11) **Patentnr:** NO/EP3011568  
(21) **Søknadsnr:** EP3011568  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3014064  
(21) **Søknadsnr:** EP3014064  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
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**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3043900  
(21) **Søknadsnr:** EP3043900  
(73) **Innehaver:**  
SODI, Zone Industrielle la Palunette, 13165  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.13

(11) **Patentnr:** NO/EP3053352  
(21) **Søknadsnr:** EP3053352  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3087376  
(21) **Søknadsnr:** EP3087376  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3087377  
(21) **Søknadsnr:** EP3087377  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3087378  
(21) **Søknadsnr:** EP3087378  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3087379  
(21) **Søknadsnr:** EP3087379  
(73) **Innehaver:**  
Tracerco Limited, 5th Floor 25 Farringdon Street,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3087413  
(21) **Søknadsnr:** EP3087413  
(73) **Innehaver:**  
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(74) **Fullmektig:**  
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00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:**  
2024.02.15

(11) **Patentnr:** NO/EP3087414  
(21) **Søknadsnr:** EP3087414  
(73) **Innehaver:**  
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