

Norsk

# patent tidende

[www.patentstyret.no](http://www.patentstyret.no)

Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

**BESØKSADRESSE**

- ▶ Sandakerveien 64

**POSTADRESSE**

- ▶ Postboks 4863 Nydalen  
0422 Oslo

**E-POST**

- ▶ [post@patentstyret.no](mailto:post@patentstyret.no)

**TELEFON**

- ▶ +47 22 38 73 00  
8.00-15.45

## Innholdsfortegnelse og inid-koder:

Meddelelse til søker/innehaver med ukjent adresse .....	3
Allment tilgjengelige patentsøknader (a) .....	4
Meddelte patenter B1 .....	15
Europeiske patenter (b1) med virkning i Norge .....	17
Endrede europeiske patenter (b2) med virkning i Norge .....	40
Overdragelser og navne-/adresseendringer i spesifiserte rettigheter .....	41
Pant i patent .....	46
Patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse .....	47
Trukne, avslåtte og henlagte søknader som er allment tilgjengelige .....	48
Nye søknader om supplerende beskyttelsessertifikater for legemidler (spc).....	49
Endring i fullmaktsforhold .....	50

### 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. 336447, Bjørn Vidar Lilleng.  
Det foreligger avgjørelse om opphør på grunn av ikke betalt årsavgift i patent nr. 336447.  
Avgjørelsen kan fås hos Patentstyret.

---

## Allment tilgjengelige patentsøknader (a)

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

(51) **Klasse:** *B60R 9/06 (2006.01)*  
*B60P 1/02 (2006.01)*  
(21) **Søknadsnr:** 20191051  
(22) **Inndag:** 2019.09.02  
(41) **Allm.tilgj:** 2021.03.03  
(24) **Løpedag:** 2019.09.02  
(71) **Søker:**  
Abou Diaz Gonzalez, Toftes gate 61 B, 0552 OSLO

(72) **Oppfinner:**  
Abou Diaz Gonzalez, Toftes gate 61 B, 0552 OSLO  
(54) **Benevnelse:**  
Wheeled Extendable Load Carrier For Any Vehicle (WELC)

Krav på norsk er innkommet 2020.10.08.

(51) **Klasse:** *B63B 35/44 (2006.01)*  
*H02J 3/30 (2006.01)*  
*H02J 3/38 (2006.01)*  
*B63J 3/04 (2006.01)*  
*B63J 3/02 (2006.01)*  
*H02J 3/32 (2006.01)*  
*H02J 3/28 (2006.01)*  
(21) **Søknadsnr:** 20191054  
(22) **Inndag:** 2019.09.02  
(41) **Allm.tilgj:** 2021.03.03  
(24) **Løpedag:** 2019.09.02  
(71) **Søker:**  
Odfjell Drilling AS, Postboks 33 kokstad, 5863 BERGEN

(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(72) **Oppfinner:**  
Håkon Klepssvik, Jacob Kjødesveg 16, 5232 PARADIS  
Thomas Borsholm, Øvsttunvegen 24B, 5223 NESTTUN  
Per Lund, Øvre Hamrane 5, 4152 VESTRE ÅMØY  
(54) **Benevnelse:**  
An energy system for a Mobile Offshore Drilling Unit (MODU), a MODU and a method of supplying power to the MODU

Krav på norsk er innkommet 2021.01.29.

(51) **Klasse:** *B65G 1/04 (2006.01)*  
(21) **Søknadsnr:** 20191031  
(22) **Inndag:** 2019.08.27  
(41) **Allm.tilgj:** 2021.03.01  
(24) **Løpedag:** 2019.08.27  
(71) **Søker:**  
Autostore Technology AS, Stokkastrandvegen 85, 5578 NEDRE VATS

(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
(72) **Oppfinner:**  
Trond Austrheim, Nedre Teigen 12, 5590 ETNE  
(54) **Benevnelse:**  
BIN VENTILATION SYSTEM

(51) **Klasse:** *C02F 1/46 (2006.01)*  
*C02F 1/461 (2006.01)*  
(21) **Søknadsnr:** 20191010  
(22) **Inndag:** 2019.08.22  
(41) **Allm.tilgj:** 2021.02.23  
(24) **Løpedag:** 2019.08.22  
(71) **Søker:**  
NATIONAL OILWELL VARCO NORWAY AS, Postboks 401 Lundsiden, 4604 KRISTIANSAND S

(74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge  
(72) **Oppfinner:**  
Øyvind Espeland, Kolbeinshaugen 24, 4319 SANDNES  
Masoud Ghorbaniyan, Nedre Gauselvågen 5A, 4031 STAVANGER

(54) **Benevnelse:**  
Cathode coating for an electrochemical cell

(51) **Klasse:** *C09K 8/42 (2006.01)*  
*E21B 33/14 (2006.01)*  
(21) **Søknadsnr:** 20201427  
(22) **Inndag:** 2020.12.22  
(41) **Allm.tilgj:** 2020.12.22  
(86) **Int.inndag:** 2018.08.01  
(86) **Int.søknadsnr:** PCT/US2018/044864  
(24) **Løpedag:** 2018.08.01  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)  
(74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia  
(72) **Oppfinner:**  
Siva Rama Krishna Jandhyala, 11-101, Roseland Rhythm, 411027 PIMPLE SAUDAGAR, PUNE, India (IN)  
(54) **Benevnelse:**  
Designing a Wellbore Cement Sheath in Compacting or Subsiding Formations

(51) **Klasse:** *C09K 8/524 (2006.01)*  
*C09K 8/565 (2006.01)*  
*C09K 8/575 (2006.01)*  
*E21B 43/02 (2006.01)*

(21) **Søknadsnr:** 20210130  
(22) **Inndag:** 2021.02.03  
(41) **Allm.tilgj:** 2021.02.03  
(30) **Prioritet:** 2018.07.25, US, 16/044,624  
(86) **Int.inndag:** 2019.06.21  
(86) **Int.søknadsnr:** PCT/US2019/038380  
(24) **Løpedag:** 2019.06.21  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Anton Kovalchuk, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Darryl Ventura, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Deepak Kumar, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
METHODS OF CONTROLLING FINES MIGRATION IN A WELL

Krav på norsk er innkommet 2021.02.03.

(51) **Klasse:** *E21B 17/00 (2006.01)*  
*E21B 17/07 (2006.01)*  
*E21B 17/03 (2006.01)*

(21) **Søknadsnr:** 20200524  
(22) **Inndag:** 2020.05.04  
(41) **Allm.tilgj:** 2013.08.29  
(30) **Prioritet:** 2012.02.28, GB, 1203433.6  
2012.06.26, GB, 1211300.7  
(62) **Utskilt fra:** 20130206, med inndato 2013.02.07  
(62) **Avdelt fra:** 20130206, med inndato 2013.02.07  
(24) **Løpedag:** 2013.02.07  
(68) **Basispatent:** 20130206, med inndato 2013.02.07  
(71) **Søker:**  
Smart Stabilizer Systems Limited, Unit 600 - Ashchurch Business Centre, Alexandra Way, Ashchurch, GL208GA TEWKESBURY, Storbritannia (GB)

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

(72) **Oppfinner:**  
Colin Walker, Valdona, Wheston, SK178JA TIDESWELL, DERBYSHIRE, Storbritannia (GB)  
Daniel Brendan Crowley, c/o Smart Stabilizer Systems Limited, Unit 5500 Shannon Way, Tewkesbury Business Park, GL208GB TEWKESBURY, Storbritannia (GB)

(54) **Benevnelse:**  
Dreiemoment-styringsanordning for en nedihulls boresammenstilling

(51) **Klasse:** *E21B 17/00 (2006.01)*  
*E21B 17/02 (2006.01)*  
*E21B 17/042 (2006.01)*  
*E21B 47/12 (2012.01)*

(21) **Søknadsnr:** 20210070  
(22) **Inndag:** 2021.01.20  
(41) **Allm.tilgj:** 2021.01.20  
(30) **Prioritet:** 2018.07.16, US, 62/698,410  
(86) **Int.inndag:** 2019.07.16  
(86) **Int.søknadsnr:** PCT/US2019/041979  
(24) **Løpedag:** 2019.07.16  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
John MacPherson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Fernando Lopez, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Ralf Mieting, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Thomas Heimes, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
METHOD OF PROVIDING WIRED PIPE DRILL SERVICES

Krav på norsk er innkommet 2021.01.20.

(51) **Klasse:** *E21B 17/02 (2006.01)*  
*E21B 23/03 (2006.01)*  
*E21B 33/12 (2006.01)*  
*E21B 33/13 (2006.01)*  
*E21B 43/12 (2006.01)*

(21) **Søknadsnr:** 20210075  
(22) **Inndag:** 2021.01.21  
(41) **Allm.tilgj:** 2021.01.21  
(30) **Prioritet:** 2018.07.16, US, 62/698,404  
(86) **Int.inndag:** 2019.06.19  
(86) **Int.søknadsnr:** PCT/IB2019/055124  
(24) **Løpedag:** 2019.06.19  
(71) **Søker:**  
AARBAKKE INNOVATION AS, Postboks 13, 4349 BRYNE

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

(72) **Oppfinner:**  
Reid Skjærpe, Nyhusvegen 2, 4365 NÆRBØ  
Henning Hansen, Kvernlandsvegen 81, 4355 KVERNALAND

(54) **Benevnelse:**  
METHOD AND APPARATUS FOR SEALING A SIDE POCKET MANDREL

- (51) **Klasse:** *E21B 17/046 (2006.01)*  
*E21B 17/10 (2006.01)*  
*E21B 23/02 (2006.01)*
- (21) **Søknadsnr:** 20210016  
(22) **Inndag:** 2021.01.06  
(41) **Allm.tilgj:** 2021.01.06  
(30) **Prioritet:** 2018.06.26, US, 16/018,830  
(86) **Int.inndag:** 2019.06.21  
(86) **Int.søknadsnr:** PCT/US2019/038376  
(24) **Løpedag:** 2019.06.21  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Marc Samuelson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Do Seo Park, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Michael Manera, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Carlos Rivero, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
AXIAL AND ROTATIONAL ALIGNMENT SYSTEM AND METHOD
- Krav på norsk er innkommet 2021.01.06.

- (51) **Klasse:** *E21B 17/06 (2006.01)*  
*B25B 23/14 (2006.01)*  
*F16D 7/10 (2006.01)*
- (21) **Søknadsnr:** 20191030  
(22) **Inndag:** 2019.08.27  
(41) **Allm.tilgj:** 2021.03.01  
(24) **Løpedag:** 2019.08.27  
(71) **Søker:**  
TOOLSERV AS, Fabrikkeveien 27, 4033 STAVANGER
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (72) **Oppfinner:**  
Geir Lunde, Porsholen 29, 4314 SANDNES
- (54) **Benevnelse:**  
Device for preventing torsion in a tool string from exceeding a predetermined threshold
- Krav på norsk er innkommet 2021.03.02.

- (51) **Klasse:** *E21B 17/10 (2006.01)*  
*E21B 23/00 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 43/116 (2006.01)*  
*E21B 43/119 (2006.01)*  
*E21B 47/12 (2012.01)*
- (21) **Søknadsnr:** 20201205  
(22) **Inndag:** 2020.11.05  
(41) **Allm.tilgj:** 2020.11.05  
(30) **Prioritet:** 2018.06.29, US, 62/692,125  
2019.06.27, US, 16/455,177
- (86) **Int.inndag:** 2019.06.27  
(86) **Int.søknadsnr:** PCT/US2019/039561  
(24) **Løpedag:** 2019.06.27  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
Michael Linley Fripp, 3826 Cemetery Hill Road, TX75007 CARROLLTON, USA (US)  
James Marshall Barker, 2013 Chrisman Trail, TX76063 MANSFIELD, USA (US)  
Ronald Glen Dusterhoft, 1902 Crescent Common Drive, TX77494 KATY, USA (US)  
Jonathan Paul Smith, 20518 Chapel Glen Ct., TX77450 KATY, USA (US)
- (54) **Benevnelse:**  
CASING CONVEYED, EXTERNALLY MOUNTED PERFORATION CONCEPT

- (51) **Klasse:** *E21B 17/10 (2006.01)*
- (21) **Søknadsnr:** 20210023  
(22) **Inndag:** 2021.01.08  
(41) **Allm.tilgj:** 2021.01.08  
(86) **Int.inndag:** 2018.06.12  
(86) **Int.søknadsnr:** PCT/IB2018/054235  
(24) **Løpedag:** 2018.06.12  
(71) **Søker:**  
Abu Dhabi National Oil Company, P.O. Box 898 ABU DHABI, De forente arabiske emiratene (AE)
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
Fahed Salem Saleh Awadh Al Ameri, Yas - Villa # 96 ABU DHABI, De forente arabiske emiratene (AE)  
Farhaad Khaled Saeed Mohamed Al Awadhi, Khalifa City, Al Raha Gardens 1365 ABU DHABI, De forente arabiske emiratene (AE)  
Juraj Irsa, 122 N Downy Willow Cir., TX77382 THE WOODLANDS, USA (US)  
Patrick Virene, 27215 Saxon Meadow Ln., TX77433 CYPRESS, USA (US)
- (54) **Benevnelse:**  
Advanced stabilizing system for deep drilling

- (51) **Klasse:** *E21B 19/06 (2006.01)*  
*E21B 19/02 (2006.01)*  
*B66C 1/00 (2006.01)*
- (21) **Søknadsnr:** 20201079  
(22) **Inndag:** 2020.10.05  
(41) **Allm.tilgj:** 2021.03.05  
(24) **Løpedag:** 2020.10.05  
(71) **Søker:**  
MOONSHINE SOLUTIONS AS, Gjøas vei 44, 5067 BERGEN
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (72) **Oppfinner:**  
Helge Hope, Samnangervegen 406, 5652 ÅRLAND
- (54) **Benevnelse:**  
A lifting tool

- (51) **Klasse:** *E21B 21/08 (2006.01)*  
*E21B 47/10 (2012.01)*
- (21) **Søknadsnr:** 20201441
- (22) **Inndag:** 2020.12.30
- (41) **Allm.tilgj:** 2020.12.30
- (86) **Int.inndag:** 2018.06.22
- (86) **Int.søknadsnr:** PCT/CN2018/092308
- (24) **Løpedag:** 2018.06.22
- (71) **Søker:**  
Hydril USA Distribution LLC, 3300 North Sam Houston Parkway East, TX77032 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Weihua Shang, 1800 Cailun Road, Zhangjiang Hi-Tech Park, 201203 PUDONG, SHANGHAI, Kina (CN)  
Yan Mei, 1800 Cailun Road, Zhangjiang Hi-Tech Park, 201203 PUDONG, SHANGHAI, Kina (CN)  
Xin Qu, 1800 Cailun Road, Zhangjiang High-Tech Park, 201203 PUDONG, SHANGHAI, Kina (CN)  
Xiaoyang Wei, 1800 Cailun Road, Zhangjiang High-Tech Park, 201203 PUDONG, SHANGHAI, Kina (CN)
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR EARLY DETECTION OF KICKS

Krav på norsk er innkommet 2020.12.30.

- (51) **Klasse:** *E21B 23/01 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 29/06 (2006.01)*
- (21) **Søknadsnr:** 20201428
- (22) **Inndag:** 2020.12.22
- (41) **Allm.tilgj:** 2020.12.22
- (86) **Int.inndag:** 2018.07.25
- (86) **Int.søknadsnr:** PCT/US2018/043751
- (24) **Løpedag:** 2018.07.25
- (71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**  
David Joe Steele, 3402 Sheridan Court, TX76017 ARLINGTON, USA (US)  
Shane Patrick Furlong, 1523 Marble Falls Drive, TX75034 FRISCO, USA (US)  
Stephen Ross Maddux, 1348 Marken Court, TX75007 CARROLLTON, USA (US)
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR INTRODUCING A JUNCTION ASSEMBLY

- (51) **Klasse:** *E21B 23/06 (2006.01)*  
*E21B 33/124 (2006.01)*
- (21) **Søknadsnr:** 20210094
- (22) **Inndag:** 2021.01.25
- (41) **Allm.tilgj:** 2021.01.25
- (86) **Int.inndag:** 2018.12.18
- (86) **Int.søknadsnr:** PCT/US2018/066333
- (24) **Løpedag:** 2018.12.18
- (71) **Søker:**  
Halliburton Energy Services, Inc, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
A.A. Thornton & Co., Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia
- (72) **Oppfinner:**  
Barry Richardson Main, 10 Corren Avenue, AB338FJ ALFORD, Storbritannia (GB)  
Ronald George Taylor, 28 Slains Circle, AB228TW BRIDGE OF DON, ABERDEEN, Storbritannia (GB)
- (54) **Benevnelse:**  
Insertion of a Seal Stinger into a Packer Positioned in a Wellbore to Facilitate Straddling a Damaged Zone Within the Wellbore

- (51) **Klasse:** *E21B 29/00 (2006.01)*  
*E21B 29/10 (2006.01)*
- (21) **Søknadsnr:** 20191033
- (22) **Inndag:** 2019.08.27
- (41) **Allm.tilgj:** 2021.03.01
- (24) **Løpedag:** 2019.08.27
- (71) **Søker:**  
ARCHER OILTOOLS AS, Postboks 8037, 4068 STAVANGER
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (72) **Oppfinner:**  
Trond Skjeie, Lerkeskogen 7, 4083 HUNDVÅG  
Andreas Fliss, Smietunet 48, 4027 STAVANGER
- (54) **Benevnelse:**  
Casing cutter tool and method for operating the casing cutter - pressure actuated piston sleeve actuating ball valve

- (51) **Klasse:** *E21B 29/00 (2006.01)*  
*E21B 29/10 (2006.01)*
- (21) **Søknadsnr:** 20191034
- (22) **Inndag:** 2019.08.27
- (41) **Allm.tilgj:** 2021.03.01
- (24) **Løpedag:** 2019.08.27
- (71) **Søker:**  
ARCHER OILTOOLS AS, Postboks 8037, 4068 STAVANGER
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (72) **Oppfinner:**  
Trond Skjeie, Lerkeskogen 7, 4083 HUNDVÅG  
Andreas Fliss, Smietunet 48, 4027 STAVANGER
- (54) **Benevnelse:**  
Casing cutter tool and method for operating the casing cutter

- (51) **Klasse:** *E21B 29/06 (2006.01)*  
*E21B 41/00 (2006.01)*  
*E21B 7/06 (2006.01)*
- (21) **Søknadsnr:** 20201436  
(22) **Inndag:** 2020.12.24  
(41) **Allm.tilgj:** 2020.12.24  
(86) **Int.inndag:** 2018.08.07  
(86) **Int.søknadsnr:** PCT/US2018/045628  
(24) **Løpedag:** 2018.08.07  
(71) **Søker:**  
HALLIBURTON ENERGY SERVICES, INC., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 4 More London Riverside, SE12AU LONDON, Storbritannia
- (72) **Oppfinner:**  
Neil Hepburn, 12 Avondale Court, Rectory Road, NE31XQ NEWCASTLE UPON TYNE, Storbritannia (GB)  
Stuart A Telfer, 9 Glenury Road, AB393LB STONEHAVEN, ABERDEENSHIRE, Storbritannia (GB)
- (54) **Benevnelse:**  
METHODS AND SYSTEMS FOR DRILLING A MULTILATERAL WELLBACKGROUND

- (51) **Klasse:** *E21B 33/035 (2006.01)*  
*E21B 33/038 (2006.01)*  
*E21B 7/128 (2006.01)*
- (21) **Søknadsnr:** 20191016  
(22) **Inndag:** 2019.08.22  
(41) **Allm.tilgj:** 2021.02.23  
(24) **Løpedag:** 2019.08.22  
(71) **Søker:**  
FMC Kongsberg Subsea AS, Postboks 1012, 3601 KONGSBERG
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (72) **Oppfinner:**  
Gøran Olof Sundqvist, Revåsveien 13, 3222 SANDEFJORD  
Kristian Arnø-Kristoffersen, Fossekallen 32, 3034 DRAMMEN
- (54) **Benevnelse:**  
Subsea wellhead support system and associated method of installing a subsea wellhead support system

- (51) **Klasse:** *E21B 33/037 (2006.01)*  
*E21B 33/038 (2006.01)*  
*E21B 17/046 (2006.01)*  
*E21B 33/035 (2006.01)*
- (21) **Søknadsnr:** 20210055  
(22) **Inndag:** 2021.01.18  
(41) **Allm.tilgj:** 2021.01.18  
(30) **Prioritet:** 2018.07.09, US, 62/695,660  
2019.01.24, US, 16/256,590  
(86) **Int.inndag:** 2019.07.02  
(86) **Int.søknadsnr:** PCT/US2019/040258  
(24) **Løpedag:** 2019.07.02  
(71) **Søker:**  
Vetco Gray, LLC, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Baozhi ZHU, 4424 West Sam Houston Parkway North, TX77041 HOUSTON, USA (US)  
Joseph Pallini, 4424 West Sam Houston Parkway North, Suite 100, TX77041 HOUSTON, USA (US)
- (54) **Benevnelse:**  
WELLHEAD PROFILE WITH INCREASED FATIGUE RESISTANCE

Krav på norsk er innkommet 2021.01.18.

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*E21B 34/06 (2006.01)*  
*E21B 34/10 (2006.01)*
- (21) **Søknadsnr:** 20191006  
(22) **Inndag:** 2019.08.22  
(41) **Allm.tilgj:** 2021.02.23  
(85) **Videref.dag:** 2019.08.22  
(24) **Løpedag:** 2019.08.22  
(71) **Søker:**  
Interwell Norway AS, Postboks 916, 4089 HAFRSFJORD
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (72) **Oppfinner:**  
Espen Hiorth, Uglavegen 44 C, 7025 TRONDHEIM
- (54) **Benevnelse:**  
WELL TOOL DEVICE

- (51) **Klasse:** *E21B 33/12 (2006.01)*  
*F16F 1/04 (2006.01)*  
*F16F 1/34 (2006.01)*  
*F16J 15/16 (2006.01)*
- (21) **Søknadsnr:** 20191057  
(22) **Inndag:** 2019.09.03  
(41) **Allm.tilgj:** 2021.03.04  
(24) **Løpedag:** 2019.09.03  
(71) **Søker:**  
Interwell Norway AS, Postboks 916, 4089 HAFRSFJORD
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (72) **Oppfinner:**  
Anders Glad, Arne Fjellbusveg 4 G, 7033 TRONDHEIM  
Thomas Hiorth, Konsul Lorcks gate 7, 7044 TRONDHEIM
- (54) **Benevnelse:**  
Extrusion preventing device

Krav på norsk er innkommet 2020.11.04.



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

(21) **Søknadsnr:** 20210114

(22) **Inndag:** 2021.01.29

(41) **Allm.tilgj:** 2021.01.29

(86) **Int.inndag:** 2018.11.06

(86) **Int.søknadsnr:** PCT/US2018/059441

(24) **Løpedag:** 2018.11.06

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

(74) **Fullmektig:**  
A.A. Thornton & Co., Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia

(72) **Oppfinner:**  
Siva Rama Krishna Jandhyala, 6900 Lake Woodlands Drive, Apt 621, TX77382 THE WOODLANDS, USA (US)

(54) **Benevnelse:**  
Method To Engineer Dependability Into Abandonment/Kick-Off Plugs

(51) **Klasse:** *E21B 33/124 (2006.01)*  
*E21B 34/10 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 43/04 (2006.01)*  
*E21B 43/08 (2006.01)*  
*E21B 43/14 (2006.01)*  
*E21B 43/26 (2006.01)*

(21) **Søknadsnr:** 20210003

(22) **Inndag:** 2021.01.04

(41) **Allm.tilgj:** 2021.01.04

(30) **Prioritet:** 2018.09.06, US, 62/727,774  
2019.08.28, US, 16/553,296

(86) **Int.inndag:** 2019.08.28

(86) **Int.søknadsnr:** PCT/US2019/048467

(24) **Løpedag:** 2019.08.28

(71) **Søker:**  
HALLIBURTON ENERGY SERVICES, INC., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Thomas J Frosell, 4102 Buena Vista St., #18, TX75204 DALLAS, USA (US)  
Mark Douglas Macek, 12499 CR 42, TX75704 TYLER, USA (US)  
Colin E Kappe, 421 Tiger Ave., LA70433 COVINGTON, USA (US)

(54) **Benevnelse:**  
A MULTI-FUNCTIONAL SLEEVE COMPLETION SYSTEM WITH RETURN AND REVERSE FLUID PATH

(51) **Klasse:** *E21B 34/04 (2006.01)*  
*E21B 34/06 (2006.01)*  
*E21B 34/08 (2006.01)*  
*F16K 31/06 (2006.01)*  
*F16K 5/08 (2006.01)*

(21) **Søknadsnr:** 20210072

(22) **Inndag:** 2021.01.19

(41) **Allm.tilgj:** 2021.01.19

(86) **Int.inndag:** 2018.09.20

(86) **Int.søknadsnr:** PCT/US2018/051968

(24) **Løpedag:** 2018.09.20

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

(74) **Fullmektig:**  
A.A. Thornton & Co., Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia

(72) **Oppfinner:**  
Bruce Edward Scott, 7220 Oakbury Lane, TX75071 MCKINNEY, USA (US)  
Jimmie Robert Williamson, 1421 Flowers Drive, TX75007 CARROLLTON, USA (US)  
James Dan Vick Jr, 13545 Purple Sage Road, TX75240 DALLAS, USA (US)

(54) **Benevnelse:**  
Electric Safety Valve With Annulus/Section Pressure Activation

(51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 40/00 (2006.01)*

(21) **Søknadsnr:** 20200931

(22) **Inndag:** 2020.08.26

(41) **Allm.tilgj:** 2021.03.01

(30) **Prioritet:** 2019.08.26, US, 62/891,451

(24) **Løpedag:** 2020.08.26

(71) **Søker:**  
David A. Stokes, c/o Wellbore Integrity Solutions, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)  
Gavin Ray Packard, c/o Wellbore Integrity Solutions, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)  
Adam M. Bennett, c/o Wellbore Integrity Solutions, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)  
Richard Caminari, 54 S. Bristol Oak Circle, TX77382 THE WOODLANDS, USA (US)  
Wellbore Integrity Solutions LLC, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Richard Caminari, 5523 Autumn Ash Lane, TX77583 ROSHARON, USA (US)  
David A. Stokes, c/o Wellbore Integrity Solutions, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)  
Gavin Ray Packard, c/o Wellbore Integrity Solutions, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)  
Adam M. Bennett, c/o Wellbore Integrity Solutions, 1310 Rankin Road, Building 18, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
FLOW DIVERSION VALVE

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*F16K 1/20 (2006.01)*  
*F16K 31/06 (2006.01)*
- (21) **Søknadsnr:** 20201429  
(22) **Inndag:** 2020.12.22  
(41) **Allm.tilgj:** 2020.12.22  
(86) **Int.inndag:** 2018.07.24  
(86) **Int.søknadsnr:** PCT/US2018/043388  
(24) **Løpedag:** 2018.07.24  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**  
Bruce Edward Scott, 7220 Oakbury Lane, TX75071 MCKINNEY, USA (US)  
James Dan Vick Jr, 13545 Purple Sage Road, TX75240 DALLAS, USA (US)
- (54) **Benevnelse:**  
SECTION-BALANCED ELECTRIC SAFETY VALVE

- (51) **Klasse:** *E21B 34/06 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 47/18 (2012.01)*  
*E21B 47/24 (2012.01)*
- (21) **Søknadsnr:** 20210063  
(22) **Inndag:** 2021.01.19  
(41) **Allm.tilgj:** 2021.01.19  
(30) **Prioritet:** 2018.07.16, US, 62/698,659  
(86) **Int.inndag:** 2019.07.12  
(86) **Int.søknadsnr:** PCT/US2019/041613  
(24) **Løpedag:** 2019.07.12  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Bastian Sauthoff, Weferlingser Weg 44 C, 37303 BURGDORF, Tyskland (DE)  
Ame Deiters, Marschnerstr. 42, 30167 HANNOVER, Tyskland (DE)  
Jens Teuchgraber, Hauffstr. 23, 30177 HANNOVER, Tyskland (DE)  
Thomas Wettmarshausen, Tieckstrasse 9, 30625 HANNOVER, Tyskland (DE)
- (54) **Benevnelse:**  
RADIAL SHEAR VALVE FOR MUD PULSER
- Krav på norsk er innkommet 2021.01.19.

- (51) **Klasse:** *E21B 41/00 (2006.01)*  
*E21B 49/00 (2006.01)*  
*G06F 30/20 (2020.01)*  
*G06N 20/00 (2019.01)*
- (21) **Søknadsnr:** 20210007  
(22) **Inndag:** 2021.01.05  
(41) **Allm.tilgj:** 2021.01.05  
(30) **Prioritet:** 2018.07.05, US, 62/694,176  
(86) **Int.inndag:** 2019.07.05  
(86) **Int.søknadsnr:** PCT/US2019/040672  
(24) **Løpedag:** 2019.07.05  
(71) **Søker:**  
Schlumberger Technology B.V., Parkstraat 83, 2514JG HAAG, Nederland (NL)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Yan Kai Xu, 4115 Belmont Shore Ln, TX77459 MISSOURI CITY, USA (US)  
Qingfeng Zhu, 9F, Building A, Chuangxin Building Tsinghua Science Park, 100084 HAI DIAN DISTRICT, BEIJING, Kina (CN)  
Hui Xie, c/o Schlumberger Oilfield Services, 110 Schlumberger Drive MD 7, TX77478 SUGAR LAND, USA (US)  
Helen Xiaoyan Zhong, c/o Schlumberger Oilfield Services Houston Formation Evaluation Integration Center, 110 Schlumberger Drive, MD 7, TX77478 SUGAR LAND, USA (US)  
Ettore Mirto, c/o Schlumberger Oilfield Services Houston Formation Evaluation Integration Center, 110 Schlumberger Drive, MD 7, TX77478 SUGAR LAND, USA (US)  
Aria Abubakar, c/o Schlumberger, 5599 San Felipe, TX77056 HOUSTON, USA (US)  
Yao Feng, c/o Schlumberger, 110 Schlumberger Drive, TX77478 SUGAR LAND, USA (US)  
Ping Zhang, 9th Floor, ChuangXin Building, Tsinghua Science Park, 100084 BEIJING, Kina (CN)
- (54) **Benevnelse:**  
GEOLOGICAL INTERPRETATION WITH ARTIFICIAL INTELLIGENCE

Krav på norsk er innkommet 2021.01.08.

- (51) **Klasse:** *E21B 43/08 (2006.01)*  
*E21B 43/10 (2006.01)*
- (21) **Søknadsnr:** 20210103  
(22) **Inndag:** 2021.01.26  
(41) **Allm.tilgj:** 2021.01.26  
(30) **Prioritet:** 2018.07.05, US, 16/027,499  
(86) **Int.inndag:** 2019.06.05  
(86) **Int.søknadsnr:** PCT/US2019/035477  
(24) **Løpedag:** 2019.06.05  
(71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Michael Johnson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Elmer Peterson, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Christophe Malbrel, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Jason E Fuxa, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
FILTRATION MEDIA FOR AN OPEN HOLE PRODUCTION SYSTEM HAVING AN EXPANDABLE OUTER SURFACE

Krav på norsk er innkommet 2021.01.26.

- (51) **Klasse:** *E21B 43/12 (2006.01)*  
*E21B 47/09 (2012.01)*
- (21) **Søknadsnr:** 20210071
- (22) **Inndag:** 2021.01.19
- (41) **Allm.tilgj:** 2021.01.19
- (86) **Int.inndag:** 2018.08.29
- (86) **Int.søknadsnr:** PCT/US2018/048572
- (24) **Løpedag:** 2018.08.29
- (71) **Søker:**  
HALLIBURTON ENERGY SERVICES, INC., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 4 More London Riverside, SE12AU LONDON, Storbritannia
- (72) **Oppfinner:**  
Donn J Brown, 29320 E. 36th Street South, OK74014 BROKEN ARROW, USA (US)  
Joshua W Webster, 9707 N. 112th E. Avenue, OK74055 OWASSO, USA (US)  
Dustin B Campbell, 139 Arabian Drive, AL35758 MADISON, USA (US)
- (54) **Benevnelse:**  
ELECTRICAL SUBMERSIBLE PUMP (ESP) STRING AND ESP ORIENTATION SYSTEM

- (51) **Klasse:** *E21B 43/16 (2006.01)*  
*E21B 43/25 (2006.01)*  
*E21B 17/06 (2006.01)*
- (21) **Søknadsnr:** 20210146
- (22) **Inndag:** 2021.02.05
- (41) **Allm.tilgj:** 2021.02.05
- (30) **Prioritet:** 2018.07.27, US, 62/711,027
- (86) **Int.inndag:** 2019.07.19
- (86) **Int.søknadsnr:** PCT/US2019/042504
- (24) **Løpedag:** 2019.07.19
- (71) **Søker:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Kevin Holmes, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Pavel Nazarenko, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
David Lerohl, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
John Raggio, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)
- (54) **Benevnelse:**  
DISTRIBUTED FLUID INJECTION SYSTEM FOR WELLBORES

Krav på norsk er innkommet 2021.02.05.

- (51) **Klasse:** *E21B 44/00 (2006.01)*  
*E21B 41/00 (2006.01)*
- (21) **Søknadsnr:** 20201431
- (22) **Inndag:** 2020.12.22
- (41) **Allm.tilgj:** 2020.12.22
- (86) **Int.inndag:** 2018.08.02
- (86) **Int.søknadsnr:** PCT/US2018/045016
- (24) **Løpedag:** 2018.08.02
- (71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 4 More London Riverside, SE12AU LONDON, Storbritannia
- (72) **Oppfinner:**  
Joseph Blake Winston, 731 Voyager, TX77062 HOUSTON, USA (US)  
Keshava Rangarajan, 1800 Austin Parkway #509, TX77479 SUGAR LAND, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)  
Aimee Jackson Taylor, Carrera 19 #9352, 110221 BOGOTA, Colombia (CO)  
Xi Wang, 12331 N. Gessner Road, TX77065 HOUSTON, USA (US)  
Yogendra Pandey, 1950 Eldridge Parkway, Apt. 13212, TX77077 HOUSTON, USA (US)  
Wei Chiu, 5807 Saber River, TX77479 SUGAR LAND, USA (US)  
Jeffery Padgett, 146 Capstone Circle, TX77381 THE WOODLANDS, USA (US)
- (54) **Benevnelse:**  
OPERATING WELLBORE EQUIPMENT USING A DISTRIBUTED DECISION FRAMEWORK

- (51) **Klasse:** *E21B 44/00 (2006.01)*  
*E21B 7/04 (2006.01)*
- (21) **Søknadsnr:** 20210069
- (22) **Inndag:** 2021.01.19
- (41) **Allm.tilgj:** 2021.01.19
- (86) **Int.inndag:** 2018.08.30
- (86) **Int.søknadsnr:** PCT/US2018/048937
- (24) **Løpedag:** 2018.08.30
- (71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 4 More London Riverside, SE12AU LONDON, Storbritannia
- (72) **Oppfinner:**  
Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)
- (54) **Benevnelse:**  
AUTOMATED RATE OF PENETRATION OPTIMIZATION FOR DRILLING

- (51) **Klasse:** *E21B 47/00 (2012.01)*  
*G01V 99/00 (2009.01)*  
*E21B 44/02 (2006.01)*
- (21) **Søknadsnr:** 20210068  
(22) **Inndag:** 2021.01.19  
(41) **Allm.tilgj:** 2021.01.19  
(30) **Prioritet:** 2018.08.20, US, 62/720,070  
(86) **Int.inndag:** 2019.04.30  
(86) **Int.søknadsnr:** PCT/US2019/030059  
(24) **Løpedag:** 2019.04.30  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
WITHERS & ROGERS LLP, 4 More London Riverside, SE12AU LONDON, Storbritannia
- (72) **Oppfinner:**  
Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)
- (54) **Benevnelse:**  
HYBRID PHYSICS-BASED AND MACHINE LEARNING MODELS FOR RESERVOIR SIMULATIONS

- (51) **Klasse:** *E21B 47/00 (2012.01)*  
*G01V 8/16 (2006.01)*  
*G01N 21/17 (2006.01)*  
*G01N 21/85 (2006.01)*
- (21) **Søknadsnr:** 20210096  
(22) **Inndag:** 2021.01.25  
(41) **Allm.tilgj:** 2021.01.25  
(30) **Prioritet:** 2018.07.20, US, 62/701,292  
2019.07.17, US, 16/514,944  
(86) **Int.inndag:** 2019.07.19  
(86) **Int.søknadsnr:** PCT/EP2019/025242  
(24) **Løpedag:** 2019.07.19  
(71) **Søker:**  
Sondex Wireline Limited, Saxony Way, Blackbushe Business Park, GU466AB YATELY, HANTS, Storbritannia (GB)
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (72) **Oppfinner:**  
Sandip Maity, c/o Sondex Wireline Limited, Cody Technology Park, Building X107 Range Road, GU140FG FARNBOROUGH, Storbritannia (GB)
- (54) **Benevnelse:**  
TAPERED ATTENUATION TOTAL INTERNAL REFLECTION OPTICAL SENSOR FOR DOWNHOLE PRODUCTION LOGGING

Krav på norsk er innkommet 2021.01.25.

- (51) **Klasse:** *E21B 47/00 (2012.01)*  
*G01V 99/00 (2009.01)*
- (21) **Søknadsnr:** 20210101  
(22) **Inndag:** 2021.01.26  
(41) **Allm.tilgj:** 2021.01.26  
(86) **Int.inndag:** 2018.08.30  
(86) **Int.søknadsnr:** PCT/US2018/048935  
(24) **Løpedag:** 2018.08.30  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)
- (74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia
- (72) **Oppfinner:**  
Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)  
Terry Wong, 21525 Spring Plaza Drive, TX77388 SPRING, USA (US)
- (54) **Benevnelse:**  
AUTOMATED PRODUCTION HISTORY MATCHING USING BAYESIAN OPTIMIZATION

- (51) **Klasse:** *E21B 47/06 (2012.01)*  
*E21B 47/12 (2012.01)*  
*G01V 1/40 (2006.01)*  
*G01V 8/16 (2006.01)*  
*G02B 6/44 (2006.01)*  
*H01B 11/00 (2006.01)*  
*H01B 7/18 (2006.01)*  
*H01B 7/32 (2006.01)*  
*H01B 9/00 (2006.01)*  
*H04B 10/25 (2013.01)*
- (21) **Søknadsnr:** 20210091  
(22) **Inndag:** 2021.01.25  
(41) **Allm.tilgj:** 2021.01.25  
(30) **Prioritet:** 2018.10.03, US, 62/740,911  
2019.09.27, US, 16/585,543  
(86) **Int.inndag:** 2019.09.27  
(86) **Int.søknadsnr:** PCT/US2019/053632  
(24) **Løpedag:** 2019.09.27  
(71) **Søker:**  
Halliburton Energy Services, Inc, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)
- (74) **Fullmektig:**  
A.A. Thornton & Co., Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia
- (72) **Oppfinner:**  
John Laureto Maida, 10240 Memorial Drive, TX77024 HOUSTON, USA (US)  
Sudhir Kumar Gupta, 2505 Sandy Lodge Court, TX77345 KINGWOOD, USA (US)  
Michael Joseph Leblanc, 8510 Parmer Court, TX77064 HOUSTON, USA (US)  
Arabina Misra, 7802 Blue Stream Court, TX77041 HOUSTON, USA (US)
- (54) **Benevnelse:**  
Hybrid Electro-Optic Wireline Cable

(51) **Klasse:** *E21B 49/00 (2006.01)*  
*G01V 99/00 (2009.01)*

(21) **Søknadsnr:** 20210102

(22) **Inndag:** 2021.01.26

(41) **Allm.tilgj:** 2021.01.26

(30) **Prioritet:** 2018.09.21, US, 62/734,428

(86) **Int.inndag:** 2019.08.27

(86) **Int.søknadsnr:** PCT/US2019/048310

(24) **Løpedag:** 2019.08.27

(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Amit kumar, P.O. Box 441027, TX77244 HOUSTON, USA (US)  
Steven Patton Knabe, 10 Oak Court No. 5301, TX77006 HOUSTON, USA (US)

(54) **Benevnelse:**  
WELL OPERATIONS INVOLVING SYNTHETIC FRACTURE INJECTION TEST

(51) **Klasse:** *F04B 25/00 (2006.01)*  
*F04B 41/06 (2006.01)*  
*F17C 13/00 (2006.01)*  
*F04B 27/08 (2006.01)*  
*F04B 35/00 (2006.01)*

(21) **Søknadsnr:** 20200886

(22) **Inndag:** 2020.08.07

(41) **Allm.tilgj:** 2021.02.24

(30) **Prioritet:** 2019.08.23, JP, 2019-152870

(24) **Løpedag:** 2020.08.07

(71) **Søker:**  
Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.), 2-4, Wakinohama-Kaigandori 2-chome, Chuo-ku, 651-8585 KOBE-SHI, HYOGO, Japan (JP)

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

(72) **Oppfinner:**  
Katsuhiro Seyama, c/o Takasago Works in Kobe Steel, Ltd., 3-1, Shinhama 2-chome, Arai-cho, 676-8670 TAKASAGO-SHI, HYOGO, Japan (JP)  
Satoshi Tezuka, c/o Takasago Works in Kobe Steel, Ltd., 3-1, Shinhama 2-chome, Arai-cho, 676-8670 TAKASAGO-SHI, HYOGO, Japan (JP)  
Kenji Nagura, c/o Takasago Works in Kobe Steel, Ltd., 3-1, Shinhama 2-chome, Arai-cho, 676-8670 TAKASAGO-SHI, HYOGO, Japan (JP)

(54) **Benevnelse:**  
COMPRESSOR UNIT

(51) **Klasse:** *F16D 65/16 (2006.01)*  
*F16K 31/02 (2006.01)*  
*B60T 13/74 (2006.01)*  
*F16D 125/20 (2012.01)*

(21) **Søknadsnr:** 20191024

(22) **Inndag:** 2019.08.26

(41) **Allm.tilgj:** 2021.03.01

(24) **Løpedag:** 2019.08.26

(71) **Søker:**  
TECHNI HOLDING AS, Ynglingeveien 42, 3184 BORRE

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

(72) **Oppfinner:**  
Jan Martin Bendiksen, Rødhetteveien 6, 3042 DRAMMEN  
Harald Borgen, Blåveisstien 8, 3183 HORTEN  
Trond Sjulstad, Otterstad, 3275 SVARSTAD  
David Christian Petersen, Romsveien 317, 3179 ÅSGÅRDSTRAND  
Jens Schweiss, Villstråveien 8, 3261 LARVIK  
Ola Strand, Orrestien 46, 3150 TOLVSRØD

(54) **Benevnelse:**  
Electric Actuator

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

(21) **Søknadsnr:** 20210062

(22) **Inndag:** 2021.01.19

(41) **Allm.tilgj:** 2021.01.19

(30) **Prioritet:** 2018.06.20, US, 62/687,273  
2019.03.29, US, 62/826,110

(86) **Int.inndag:** 2019.06.19

(86) **Int.søknadsnr:** PCT/US2019/037882

(24) **Løpedag:** 2019.06.19

(71) **Søker:**  
PGS GEOPHYSICAL AS, Postboks 251 Lilleaker, 0216 OSLO

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

(72) **Oppfinner:**  
Okwudili Orji, Lilleakerveien 4 C, 0283 OSLO  
Walter F Söllner, Lilleakerveien 4 C, 0283 OSLO  
Endrias Asgedom, Lilleakerveien 4 C, 0283 OSLO

(54) **Benevnelse:**  
GEOMETRICAL DISTRIBUTION FOR NON-IMPULSIVE SOURCES

(51) **Klasse:** *G01V 1/38 (2006.01)*  
*G01V 3/15 (2006.01)*  
*G01V 11/00 (2006.01)*

(21) **Søknadsnr:** 20210064

(22) **Inndag:** 2021.01.19

(41) **Allm.tilgj:** 2021.01.19

(30) **Prioritet:** 2018.06.20, US, 62/687,415  
2018.11.24, US, 62/771,071  
2019.02.20, US, 62/808,178

(86) **Int.inndag:** 2019.06.19

(86) **Int.søknadsnr:** PCT/US2019/038035

(24) **Løpedag:** 2019.06.19

(71) **Søker:**  
PGS GEOPHYSICAL AS, Postboks 251 Lilleaker, 0216 OSLO

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

(72) **Oppfinner:**  
Stig Rune Lennart Tenghamn, 15375 Memorial Drive, Suite 100, TX77079 HOUSTON, USA (US)  
Neil Paddy, 15375 Memorial Drive, Suite 100, TX77079 HOUSTON, USA (US)  
Manuel Beitz, Postboks 251 Lilleaker, 0216 OSLO

(54) **Benevnelse:**  
LONG-OFFSET ACQUISITION



(51) **Klasse:** *G01V 1/38 (2006.01)*  
*G01V 1/00 (2006.01)*

(21) **Søknadsnr:** 20210074

(22) **Inndag:** 2021.01.20

(41) **Allm.tilgj:** 2021.01.20

(30) **Prioritet:** 2018.06.21, US, 62/688,091  
2019.02.20, US, 62/807,987

(86) **Int.inndag:** 2019.06.21

(86) **Int.søknadsnr:** PCT/EP2019/066447

(24) **Løpedag:** 2019.06.21

(71) **Søker:**  
PGS GEOPHYSICAL AS, Postboks 251 Lilleaker, 0216 OSLO

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

(72) **Oppfinner:**  
Edwin Hodges, Lilleakerveien 4 C, 0283 OSLO  
Christian Strand, Lilleakerveien 4 C, 0283 OSLO

(54) **Benevnelse:**  
SHOT POINT DITHERING TECHNIQUES FOR MARINE SEISMIC SURVEYS

(51) **Klasse:** *G01V 1/48 (2006.01)*  
*E21B 47/00 (2012.01)*

(21) **Søknadsnr:** 20210105

(22) **Inndag:** 2021.01.28

(41) **Allm.tilgj:** 2021.01.28

(86) **Int.inndag:** 2018.12.27

(86) **Int.søknadsnr:** PCT/US2018/067730

(24) **Løpedag:** 2018.12.27

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

(74) **Fullmektig:**  
A.A. Thornton & Co., Octagon Point, 5 Cheapside, EC2V6AA LONDON, Storbritannia

(72) **Oppfinner:**  
Jing Jin, Blk 707, 08-327, Clementi West St 2, 120707 SINGAPORE, Singapore (SG)  
Yao Ge, Blk 122, 07-157, Potong Pasir Ave 1, 350122 SINGAPORE, Singapore (SG)  
Xiang Wu, 45 Choa Chu Kang Loop, #05-13, 689679 SINGAPORE, Singapore (SG)

(54) **Benevnelse:**  
REMOVAL OF SIGNAL RINGDOWN NOISE

(51) **Klasse:** *G01V 1/52 (2006.01)*  
*E21B 47/00 (2012.01)*

(21) **Søknadsnr:** 20210046

(22) **Inndag:** 2021.01.13

(41) **Allm.tilgj:** 2021.01.13

(86) **Int.inndag:** 2018.08.13

(86) **Int.søknadsnr:** PCT/US2018/046503

(24) **Løpedag:** 2018.08.13

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

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

(72) **Oppfinner:**  
Jing Jin, Blk 707, 08-327, Clementi West St 2, 120707 SINGAPORE, Singapore (SG)  
Chung Chang, 13610 Comely Lane, TX77079 HOUSTON, USA (US)

(54) **Benevnelse:**  
Quadruple transmitter and methods to determine wave velocities of a downhole formation

(51) **Klasse:** *G01V 3/32 (2006.01)*  
*G01V 3/34 (2006.01)*

(21) **Søknadsnr:** 20210095

(22) **Inndag:** 2021.01.25

(41) **Allm.tilgj:** 2021.01.25

(30) **Prioritet:** 2018.07.16, US, 16/036,342

(86) **Int.inndag:** 2019.07.11

(86) **Int.søknadsnr:** PCT/US2019/041299

(24) **Løpedag:** 2019.07.11

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

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

(72) **Oppfinner:**  
Marc Stephen Ramirez, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Quming Zhou, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
METHOD AND APPARATUS TO DETECT FREE INDUCTION-DECAY NMR SIGNALS

Krav på norsk er innkommet 2021.01.25.

(51) **Klasse:** *G06F 3/041 (2006.01)*  
*G06F 3/0488 (2013.01)*  
*G01S 17/04 (2020.01)*  
*G01S 13/04 (2006.01)*

(21) **Søknadsnr:** 20191252

(22) **Inndag:** 2019.10.21

(41) **Allm.tilgj:** 2021.03.04

(30) **Prioritet:** 2019.09.03, US, 62/895,065

(24) **Løpedag:** 2019.10.21

(71) **Søker:**  
Elliptic Laboratories AS, Akersgata 32, 0180 OSLO

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

(72) **Oppfinner:**  
Guenael Thomas Strutt, 36 Bob Kaufman Alley, CA94133 SAN FRANCISCO, USA (US)

(54) **Benevnelse:**  
PROXIMITY DETECTION

Krav på norsk er innkommet 2020.10.07.

## 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:** **A45C 13/42 (2006.01)**  
**G06K 1/12 (2006.01)**  
(11) **Patentnr:** **345510**  
(21) **Søknadsnr:** 20180332  
(22) **Inng.dag:** 2018.03.06  
(24) **Løpedag:** 2018.03.06  
(41) **Allm.tilg.dag:** 2019.09.09  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
BAGID AS, Keiser Wilhelms gate 23, 6003 ÅLESUND  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(72) **Oppfinner:**  
Jan Vidar NALBANT, Romsdalsgata 10, 0556 OSLO  
(54) **Benevnelse:**  
ELECTRONIC TAG DEVICE WITH COMMUNICATION  
MODULE

(51) **Klasse:** **B63J 4/00 (2006.01)**  
**B63J 1/00 (2006.01)**  
**C02F 1/44 (2006.01)**  
**C02F 9/00 (2006.01)**  
**C02F 103/00 (2006.01)**  
**C02F 103/08 (2006.01)**  
(11) **Patentnr:** **345503**  
(21) **Søknadsnr:** 20170602  
(22) **Inng.dag:** 2017.04.13  
(24) **Løpedag:** 2017.04.13  
(41) **Allm.tilg.dag:** 2018.10.15  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
PW HOLDING AS, Dr Høsts vei 20, 1346 GJETTUM  
(74) **Fullmektig:**  
PW HOLDING AS, Dr Høsts vei 20, 1346 GJETTUM,  
Norge  
(72) **Oppfinner:**  
Geir Erik Samnøy, c/o Presentwater, Dr. Høsts vei 20,  
1346 GJETTUM  
(54) **Benevnelse:**  
Helhetlig system for kontinuerlig drikkevannsproduksjon  
med optimal eksergiutnyttelse om bord i skip.

(51) **Klasse:** **C10G 1/10 (2006.01)**  
**C10G 1/02 (2006.01)**  
(11) **Patentnr:** **345506**  
(21) **Søknadsnr:** 20180957  
(22) **Inng.dag:** 2018.07.06  
(24) **Løpedag:** 2018.07.06  
(41) **Allm.tilg.dag:** 2020.01.07  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
QUANTAFUEL AS, Vollsveien 13 H, 1366 LYSAKER  
(74) **Fullmektig:**  
LEOGRIF AS, Fornebuveien 33, 1366 LYSAKER, Norge  
(72) **Oppfinner:**  
Arnstein Norheim, Ullandsvegen 754, 3614 KONGSBERG  
Erik Fareid, Kjærlighetstien 16, 3970 LANGESUND  
Lars Erik Fareid, Henrik Ibsens gate 7, 3022 DRAMMEN  
Petter Kaalstad, Ingelbrecht Knudssøns gate 1, 0365  
OSLO  
Tarjei Thorrud, Myrehagen 58, 3025 DRAMMEN  
(54) **Benevnelse:**  
Production of hydrocarbon fuels from waste plastic

(51) **Klasse:** **E01F 9/70 (2016.01)**  
**G08G 1/01 (2006.01)**  
**G01S 19/42 (2010.01)**  
**H04B 1/38 (2015.01)**  
**H04W 4/80 (2018.01)**  
**H04B 5/00 (2006.01)**  
**E04H 17/26 (2006.01)**  
(11) **Patentnr:** **345507**  
(21) **Søknadsnr:** 20181383  
(22) **Inng.dag:** 2018.10.26  
(24) **Løpedag:** 2018.10.26  
(41) **Allm.tilg.dag:** 2020.04.27  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
SINTEF TTO AS, Postboks 4764 Torgarden, 7465  
TRONDHEIM  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
Terje Moen, Rossmovegen 208, 7353 BØRSA  
(54) **Benevnelse:**  
Intelligente brystestikker

(51) **Klasse:** **E21B 49/08 (2006.01)**  
**G06F 17/50 (2006.01)**  
(11) **Patentnr:** **345508**  
(21) **Søknadsnr:** 20190663  
(22) **Inng.dag:** 2019.05.24  
(24) **Løpedag:** 2019.05.24  
(41) **Allm.tilg.dag:** 2020.11.25  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
LEDAFLOW TECHNOLOGIES DA, c/o Kongsberg Oil and  
Gas Technolog, Drengsrudbekken 12, 1383 ASKER  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge  
(72) **Oppfinner:**  
Jørn Kjølås, Hårstadringen 17, 7092 TILLER  
(54) **Benevnelse:**  
Method and tool for planning and dimensioning subsea  
pipelines for produced fluids

(51) **Klasse:** **G06F 3/041 (2006.01)**  
**G06F 3/0488 (2013.01)**  
**G01S 17/04 (2020.01)**  
**G01S 13/04 (2006.01)**  
(11) **Patentnr:** **345509**  
(21) **Søknadsnr:** 20191252  
(22) **Inng.dag:** 2019.10.21  
(30) **Prioritet:** 2019.09.03, US, 62/895,065  
(24) **Løpedag:** 2019.10.21  
(41) **Allm.tilg.dag:** 2021.03.04  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
Elliptic Laboratories AS, Akersgata 32, 0180 OSLO  
(74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
(72) **Oppfinner:**  
Guenaël Thomas Strutt, 36 Bob Kaufman Alley, CA94133  
SAN FRANCISCO, USA (US)  
(54) **Benevnelse:**  
PROXIMITY DETECTION

- (51) **Klasse:** *G06F 16/901 (2019.01)*  
(11) **Patentnr:** **345504**  
(21) **Søknadsnr:** 20171061  
(22) **Inng.dag:** 2017.06.28  
(86) **Int.inng.dag:** 2015.01.14  
(86) **Int.Søknadsnr:** PCT/US2015/011428  
(24) **Løpedag:** 2015.01.14  
(41) **Allm.tilg.dag:** 2017.06.28  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
Landmark Graphics Corporation, 2107 City West  
Boulevard, Building 2, TX77042 HOUSTON, USA (US)  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(72) **Oppfinner:**  
Wanqiang Li, Room 606, Bd 4, No 2 Tuo Fang Ying Nan  
Li CHAO YANG DIST, BEIJING, Kina (CN)  
Haiting Li, Room 601, Unit 1, Building 6, Henan Road,  
300455 TANGGU DISTRICT, TIANJIN, Kina (CN)  
Kiran Gopala Reddy Sunanda, No 33 26th Cross 19th  
Main, Garden Layout, HSR 2nd Sector, 560102  
BANGLORE, India (IN)  
(54) **Benevnelse:**  
DATA FILTERING AND MINING USING MULTIPLE-  
LEVEL, COMPOSITE- ATTRIBUTE TREE-NODE  
DIAGRAMS
- 

- (51) **Klasse:** *H04H 20/00 (2008.01)*  
*H04H 40/00 (2008.01)*  
(11) **Patentnr:** **345505**  
(21) **Søknadsnr:** 20171600  
(22) **Inng.dag:** 2017.10.06  
(24) **Løpedag:** 2017.10.06  
(41) **Allm.tilg.dag:** 2019.04.08  
(45) **Meddelt:** 2021.03.15  
(73) **Innehaver:**  
Anywave AS, Langedalskleiva 4, 4790 LILLESAND  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO,  
Norge  
(72) **Oppfinner:**  
Jon Olavsson Neset, Langedalskleiva 4, 4790 LILLESAND  
(54) **Benevnelse:**  
Radio channel identification device and method.
-



## 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:** **A43D 1/02 (2006.01)**  
 (87) **EP Publ.nr:** EP3087860  
 (86) **EP søkn.nr:** 16163079.3  
 (86) **EP innl.dag:** 2016.03.31  
 (87) **EP publ.dag:** 2016.11.02  
 (80) **EP meddelt :** 2020.11.04  
 (30) **Prioritet:** 2015.03.31, FI, 20155225  
 (73) **Innehaver:**  
 Sievin Jalkine Oy, Korhosenkatu 2485310 Sievi as, FI-Finland  
 (72) **Oppfinner:**  
 Järvikuona, Jari, Muuttolantie 1284100 Ylivieska, FI-Finland  
 Kiljala, Mika, Alahaantie 884100 Ylivieska, FI-Finland  
 Lambacka, Riku, Rajalantie 12 B 1285410 Sievi, FI-Finland  
 Jokinen, Juha, Korhosenkatu 1085310 Sievi AS, FI-Finland  
 Kempainen, Teppo, Koppelokuja 284100 Ylivieska, FI-Finland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 APPARATUS, METHOD AND SYSTEM FOR ANALYZING FOOT

(51) **Klasse:** **A47C 7/50 (2006.01)**  
 (87) **EP Publ.nr:** EP3426094  
 (86) **EP søkn.nr:** 16725375.6  
 (86) **EP innl.dag:** 2016.03.11  
 (87) **EP publ.dag:** 2019.01.16  
 (80) **EP meddelt :** 2020.11.04  
 (86) **Int.inndag :** 2016.03.11  
 (86) **Int.søknadsnr :** PCT/EP2016/055464  
 (73) **Innehaver:**  
 Innotec Motion GmbH, Hans-Sachs-Straße 859558  
 Lippstadt, DE-Tyskland  
 (72) **Oppfinner:**  
 MACKERT, Michael, Kaunitzstrasse 1559602 Rùthen, DE-Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 SEAT FURNITURE CHASSIS WITH A RETRACTABLE AND EXTENDABLE FOOT SUPPORT

(51) **Klasse:** **A47C 21/06 (2006.01)**  
**A47C 7/30 (2006.01)**  
**A47C 7/32 (2006.01)**  
**A47C 27/06 (2006.01)**  
 (87) **EP Publ.nr:** EP3586682  
 (86) **EP søkn.nr:** 18179629.3  
 (86) **EP innl.dag:** 2018.06.25  
 (87) **EP publ.dag:** 2020.01.01  
 (80) **EP meddelt :** 2020.12.09  
 (73) **Innehaver:**  
 Starsprings AB, P.O. Box 44524 21 Herrljunga, SE-Sverige  
 (72) **Oppfinner:**  
 Edling, Kenneth, Ringvägen 27524 31 Herrljunga, SE-Sverige  
 (74) **Fullmektig:**  
 AWA NORWAY AS, c/o Regus Business Center Aker brygge, Postboks 1433 Vika, 0115 OSLO, Norge  
 (54) **Benevnelse:**  
 FIRMNESS CONTROLLING APPARATUS FOR A BED OR SEATING ARRANGEMENT

(51) **Klasse:** **A47J 31/44 (2006.01)**  
**A47J 31/60 (2006.01)**  
 (87) **EP Publ.nr:** EP3476260  
 (86) **EP søkn.nr:** 18203840.6  
 (86) **EP innl.dag:** 2018.10.31  
 (87) **EP publ.dag:** 2019.05.01  
 (80) **EP meddelt :** 2020.12.16  
 (30) **Prioritet:** 2017.10.31, NL, 2019838  
 (73) **Innehaver:**  
 ETNA Coffee Equipment B.V., Expeditieweg 6 F7007 CM  
 Doetinchem, NL-Nederland  
 VERON Austria GmbH, Untere Sparchen 256330 Kufstein, AT-Østerrike  
 (72) **Oppfinner:**  
 VEENHOF, Johannes, Antoniuslaan 966642 BJ  
 Beuningen, NL-Nederland  
 EMBACHER, Leonhard Georg, Untere Sparchen 256330 Kufstein, AT-Østerrike  
 (74) **Fullmektig:**  
 PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
 (54) **Benevnelse:**  
 DEVICE FOR FORMING MILK FOAM

- (51) **Klasse:** **A47L 9/14 (2006.01)**  
 (87) **EP Publ.nr:** EP2442703  
 (86) **EP søkn.nr:** 10728122.2  
 (86) **EP innl.dag:** 2010.06.11  
 (87) **EP publ.dag:** 2012.04.25  
 (80) **EP meddelt :** 2020.12.09  
 (30) **Prioritet:** 2009.06.19, EP, 09008065  
 (86) **Int.inndag :** 2010.06.11  
 (86) **Int.søknadsnr :** PCT/EP2010/003524  
 (73) **Innehaver:**  
 Eurofilters N.V., Lieven Gevaertlaan 21 Nolimpark  
 10133900 Overpelt, BE-Belgia
- (72) **Oppfinner:**  
 SCHULTINK, Jan, c/o EUROFILTERS N.V.Lieven  
 Gevaertlaan 21Nolimpark 1013B-3900 Overpelt, BE-Belgia  
 SAUER, Ralf, c/o EUROFILTERS N.V.Lieven Gevaertlaan  
 21Nolimpark 1013B-3900 Overpelt, BE-Belgia
- (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge
- (54) **Benevnelse:**  
 FLAT BAG FOR A VACUUM CLEANER WITH AT LEAST  
 TWO DIFFUSERS

- (51) **Klasse:** **A61B 17/20 (2006.01)**  
**A61B 10/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3209224  
 (86) **EP søkn.nr:** 15808318.8  
 (86) **EP innl.dag:** 2015.10.16  
 (87) **EP publ.dag:** 2017.08.30  
 (80) **EP meddelt :** 2020.12.09  
 (30) **Prioritet:** 2014.10.21, AT, 507552014  
 (86) **Int.inndag :** 2015.10.16  
 (86) **Int.søknadsnr :** PCT/AT2015/050258  
 (73) **Innehaver:**  
 ALLTEST GmbH, Lessingstrasse 274020 Linz, AT-  
 Østerrike
- (72) **Oppfinner:**  
 FORSTNER, Bernhard, Vergeinerstrasse 214020 Linz, AT-  
 Østerrike
- (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge
- (54) **Benevnelse:**  
 BLISTER STRIP

- (51) **Klasse:** **A61F 5/00 (2006.01)**  
**A61B 1/04 (2006.01)**  
**A61B 1/273 (2006.01)**  
**A61B 1/313 (2006.01)**  
**A61B 17/00 (2006.01)**  
**A61B 17/04 (2006.01)**  
**A61B 17/064 (2006.01)**  
**A61B 17/068 (2006.01)**  
**A61B 17/08 (2006.01)**  
**A61B 17/30 (2006.01)**  
**A61B 17/32 (2006.01)**  
**A61B 17/34 (2006.01)**  
**A61F 2/04 (2013.01)**  
**A61N 1/36 (2006.01)**  
 (87) **EP Publ.nr:** EP2349132  
 (86) **EP søkn.nr:** 09819515.9  
 (86) **EP innl.dag:** 2009.10.12  
 (87) **EP publ.dag:** 2011.08.03  
 (80) **EP meddelt :** 2020.12.09  
 (30) **Prioritet:** 2008.10.10, SE, 0802138  
 2009.07.17, SE, 0901009  
 2009.07.17, US, 213803 P  
 2009.01.29, WO, PCT/SE09/000051  
 2009.10.12  
 (86) **Int.inndag :** 2009.10.12  
 (86) **Int.søknadsnr :** PCT/SE2009/051154  
 (73) **Innehaver:**  
 Implantica Patent Ltd., Ideon Science Park223 70 Lund,  
 SE-Sverige
- (72) **Oppfinner:**  
 FORSELL, Peter, Route des Iles 2B1897 Bouveret, CH-  
 Sveits
- (74) **Fullmektig:**  
 PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
 OSLO, Norge
- (54) **Benevnelse:**  
 APPARATUS FOR TREATING GERD

- (51) **Klasse:** **A61F 5/02 (2006.01)**  
 (87) **EP Publ.nr:** EP3207813  
 (86) **EP søkn.nr:** 15850899.4  
 (86) **EP innl.dag:** 2015.10.14  
 (87) **EP publ.dag:** 2017.08.23  
 (80) **EP meddelt :** 2020.12.16  
 (30) **Prioritet:** 2014.10.15, JP, 2014210502  
 (86) **Int.inndag :** 2015.10.14  
 (86) **Int.søknadsnr :** PCT/JP2015/078999  
 (73) **Innehaver:**  
 Toray Industries, Inc., 1-1, Nihonbashi-Muromachi 2-chome  
 Chuo-kuTokyo 103-8666, JP-Japan
- (72) **Oppfinner:**  
 KASABO, Miki, c/o Seta PlantToray Industries, Inc.1-1, Oe  
 1-chomeOtsu-shiShiga 520-2141, JP-Japan  
 MIYAMURA, Takako, c/o Sunrich Mode Inc.7-1,  
 Iwamotocho 1-chomeChiyoda-kuTokyo 101-0032, JP-  
 Japan
- (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
 BOTTOM WEAR

- (51) **Klasse:** *A61F 9/007 (2006.01)*  
*A61B 18/14 (2006.01)*  
*A61F 9/008 (2006.01)*  
*A61F 9/01 (2006.01)*  
*A61F 9/013 (2006.01)*  
*A61N 5/06 (2006.01)*  
*A61N 5/067 (2006.01)*  
*A61N 7/00 (2006.01)*
- (87) **EP Publ.nr:** EP3517081  
(86) **EP søkn.nr:** 19153292.8  
(86) **EP innl.dag:** 2013.04.25  
(87) **EP publ.dag:** 2019.07.31  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2012.04.25, US, 201213456111  
(73) **Innehaver:**  
Homer, Gregg, 668 North Coast Highway Suite  
1371Laguna Beach, California 92651, US-USA
- (72) **Oppfinner:**  
Homer, Gregg, 668 North Coast Highway Suite  
1371Laguna Beach, California 92651, US-USA
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
APPLICATION OF ELECTROMAGNETIC RADIATION TO  
THE HUMAN IRIS

- (51) **Klasse:** *A61G 7/015 (2006.01)*
- (87) **EP Publ.nr:** EP3590482  
(86) **EP søkn.nr:** 18781283.9  
(86) **EP innl.dag:** 2018.04.02  
(87) **EP publ.dag:** 2020.01.08  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2017.04.03, CN, 201720343622 U  
2017.05.01, CN, 201720468847 U  
2017.05.13, CN, 201720528961 U
- (86) **Int.inndag :** 2018.04.02  
(86) **Int.søknadsnr :** PCT/CN2018/081522  
(73) **Innehaver:**  
Jiangsu Heng'ai Medical Equipment Co., Ltd, No. 19  
Daxing Road Hede Science and Technology Pioneering  
Park Sheyang CountyYancheng, Jiangsu 224300, CN-Kina
- (72) **Oppfinner:**  
HE, Hanzhong, No. 8 Xiangtansan RoadHede  
TownSheyang CountyYanchengJiangsu 224300, CN-Kina  
HE, Hang, Jiangsu Heng'ai Medical Equipment Co.,  
Ltd.No.26 Daxing RoadHede Science and Technology  
Pioneering ParkSheyang, YanchengJiangsu 224300, CN-  
Kina
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
NURSING BED

- (51) **Klasse:** *A61K 9/00 (2006.01)*  
*A61K 9/10 (2006.01)*  
*A61K 9/14 (2006.01)*  
*A61K 31/337 (2006.01)*  
*A61K 31/4439 (2006.01)*  
*A61K 31/4745 (2006.01)*  
*A61K 31/475 (2006.01)*  
*A61K 31/513 (2006.01)*  
*A61K 31/555 (2006.01)*  
*A61K 31/704 (2006.01)*  
*A61K 31/7048 (2006.01)*  
*A61K 31/7068 (2006.01)*  
*A61K 33/243 (2019.01)*  
*A61K 47/10 (2017.01)*  
*A61K 47/26 (2006.01)*  
*A61P 35/00 (2006.01)*
- (87) **EP Publ.nr:** EP3439635  
(86) **EP søkn.nr:** 17721227.1  
(86) **EP innl.dag:** 2017.04.03  
(87) **EP publ.dag:** 2019.02.13  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2016.04.04, US, 201662318014 P  
2016.08.23, US, 201662378543 P  
2017.04.03
- (86) **Int.inndag :** 2017.04.03  
(86) **Int.søknadsnr :** PCT/US2017/025718  
(73) **Innehaver:**  
Crititech, Inc., 1849 E. 1450 RoadLawrence, KS 66044,  
US-USA
- (72) **Oppfinner:**  
BALTEZOR, Mike, c/o CRITITECH, INC.1849 E. 1450  
RoadLawrence, KS 66044, US-USA  
DIZEREGA, Gere, c/o CRITITECH, INC.1849 E. 1450  
RoadLawrence, CA 66044, US-USA  
DECEDUE, Charles, c/o CRITITECH, INC.1849 E.  
1450RoadLawrence, CA 66044, US-USA  
CAMPBELL, Sam, c/o CRITITECH, INC.1849 E. 1450  
RoadLawrence, CA 66044, US-USA  
MCCLOREY, Matt, c/o CRITITECH, INC.1849 E. 1450  
RoadLawrence, CA 66044, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
FORMULATIONS FOR SOLID TUMOR TREATMENT

- (51) **Klasse:** *A61K 31/05 (2006.01)*  
*A61K 9/10 (2006.01)*  
*A61K 9/107 (2006.01)*  
*A61K 9/48 (2006.01)*  
*A61K 47/14 (2017.01)*  
*A61K 47/26 (2006.01)*
- (87) **EP Publ.nr:** EP3468607  
(86) **EP søkn.nr:** 17729837.9  
(86) **EP innl.dag:** 2017.06.06  
(87) **EP publ.dag:** 2019.04.17  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2016.06.14, WO, PCT/EP16/063577
- (86) **Int.inndag :** 2017.06.06  
(86) **Int.søknadsnr :** PCT/EP2017/063673  
(73) **Innehaver:**  
Aquanova AG, Birkenweg 8-1064295 Darmstadt, DE-  
Tyskland
- (72) **Oppfinner:**  
BEHNAM, Dariush, Schwalbenweg 964380 Roßdorf, DE-  
Tyskland
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
RESVERATROL SOLUBILITY

- (51) **Klasse:** **A61K 31/428 (2006.01)**  
**A61P 1/00 (2006.01)**  
**A61P 11/00 (2006.01)**  
**A61P 11/02 (2006.01)**  
**A61P 11/06 (2006.01)**  
**A61P 17/00 (2006.01)**  
**A61P 43/00 (2006.01)**
- (87) **EP Publ.nr:** EP3019167  
(86) **EP søkn.nr:** 14822432.2  
(86) **EP innl.dag:** 2014.07.11  
(87) **EP publ.dag:** 2016.05.18  
(80) **EP meddelt :** 2021.02.17  
(30) **Prioritet:** 2013.07.12, US, 201361845944 P  
2013.07.26, US, 201361859158 P  
2013.08.12, US, 201361865118 P  
2013.08.13, US, 201313966229  
2014.05.01, US, 201461987117 P  
2013.08.13, WO, PCT/US13/054804
- (86) **Int.inndag :** 2014.07.11  
(86) **Int.søknadsnr :** PCT/US2014/046380  
(73) **Innehaver:**  
Knopp Biosciences LLC, 2100 Wharton Street, Suite  
615Pittsburgh, PA 15203, US-USA
- (72) **Oppfinner:**  
BOZIK, Michael E., 401 Woodhaven DrivePittsburgh,  
Pennsylvania 15090, US-USA  
HEBRANK, Gregory, 166 Firestone DriveGreenburg,  
Pennsylvania 15601, US-USA  
PETZINGER, JR., Thomas, 5605 Marlborough  
DrivePittsburgh, Pennsylvania 15217, US-USA  
DWORETZKY, Steven, 3053 Shady Timber LaneJefferson  
Hills, Pennsylvania 15025, US-USA  
FARWELL, Wildon, 6 Glezen LaneWayland, MA 01778,  
US-USA
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
TREATING ELEVATED LEVELS OF EOSINOPHILS  
AND/OR BASOPHILS

- (51) **Klasse:** **A61K 31/498 (2006.01)**  
**A61K 31/4985 (2006.01)**  
**A61K 31/519 (2006.01)**  
**A61K 31/53 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 35/02 (2006.01)**  
**A61P 35/04 (2006.01)**  
**A61P 43/00 (2006.01)**
- (87) **EP Publ.nr:** EP3122359  
(86) **EP søkn.nr:** 15735860.7  
(86) **EP innl.dag:** 2015.03.26  
(87) **EP publ.dag:** 2017.02.01  
(80) **EP meddelt :** 2020.12.16  
(30) **Prioritet:** 2014.03.26, EP, 14161841  
(86) **Int.inndag :** 2015.03.26  
(86) **Int.søknadsnr :** PCT/EP2015/056518  
(73) **Innehaver:**  
Astex Therapeutics Ltd., 436 Cambridge Science Park  
Milton RoadCambridge CB4 0QA, GB-Storbritannia
- (72) **Oppfinner:**  
JOVCHEVA, Eleonora, Janssen Pharmaceutica  
NVTurnhoutseweg 30B-2340 Beerse, BE-Belgia  
PERERA, Timothy Pietro Suren, Janssen Pharmaceutica  
NVTurnhoutseweg 30B-2340 Beerse, BE-Belgia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
COMBINATIONS OF AN FGFR INHIBITOR AND AN  
IGF1R INHIBITOR

- (51) **Klasse:** **A61K 38/22 (2006.01)**  
**A61K 38/26 (2006.01)**  
**C07K 14/575 (2006.01)**  
**C07K 14/605 (2006.01)**
- (87) **EP Publ.nr:** EP3389697  
(86) **EP søkn.nr:** 16819291.2  
(86) **EP innl.dag:** 2016.12.12  
(87) **EP publ.dag:** 2018.10.24  
(80) **EP meddelt :** 2020.12.16  
(30) **Prioritet:** 2015.12.14, EP, 15307000  
(86) **Int.inndag :** 2016.12.12  
(86) **Int.søknadsnr :** PCT/EP2016/080553  
(73) **Innehaver:**  
Antaros Medical AB, Bioventure Hub Pepparedsleden 1431  
83 Mølndal, SE-Sverige
- (72) **Oppfinner:**  
HAACK, Torsten, c/o Sanofi-Aventis Deutschland  
GmbH65926 Frankfurt am Main, DE-Tyskland  
PLETTENBURG, Oliver, c/o Sanofi-Aventis Deutschland  
GmbH65926 Frankfurt am Main, DE-Tyskland  
EVERS, Andreas, c/o Sanofi-Aventis Deutschland  
GmbH65926 Frankfurt am Main, DE-Tyskland  
WAGNER, Michael, c/o Sanofi-Aventis Deutschland  
GmbH65926 Frankfurt am Main, DE-Tyskland  
BOSSART, Martin, c/o Sanofi-Aventis Deutschland  
GmbH65926 Frankfurt am Main, DE-Tyskland  
BERTRAND, Romain, c/o Sanofi-Aventis Deutschland  
GmbH65926 Frankfurt am Main, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
SELECTIVE GLUCAGON RECEPTOR AGONISTS  
COMPRISING A CHELATING MOIETY FOR IMAGING  
PURPOSES

- (51) **Klasse:** **A61K 39/00 (2006.01)**
- (87) **EP Publ.nr:** EP3288581  
(86) **EP søkn.nr:** 16718705.3  
(86) **EP innl.dag:** 2016.04.27  
(87) **EP publ.dag:** 2018.03.07  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2015.04.27, GB, 201507100  
2016.03.02, GB, 201603663  
2016.03.03, GB, 201603731
- (86) **Int.inndag :** 2016.04.27  
(86) **Int.søknadsnr :** PCT/EP2016/059401  
(73) **Innehaver:**  
Cancer Research Technology Limited, 2 Redman  
PlaceLondon E20 1JQ, GB-Storbritannia
- (72) **Oppfinner:**  
MCGRANAHAN, Nicholas, c/o Cancer Research  
Technology Limited2 Redman PlaceLondon E20 1JQ, GB-  
Storbritannia  
ROSENTHAL, Rachel, c/o Cancer Research Technology  
Limited2 Redman PlaceLondon E20 1JQ, GB-Storbritannia  
SWANTON, Charles, c/o Cancer Research Technology  
Limited2 Redman PlaceLondon E20 1JQ, GB-Storbritannia  
PEGGS, Karl, c/o Cancer Research Technology Limited2  
Redman PlaceLondon E20 1JQ, GB-Storbritannia  
QUEZADA, Sergio, c/o Cancer Research Technology  
Limited2 Redman PlaceLondon E20 1JQ, GB-Storbritannia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR TREATING CANCER

- (51) **Klasse:** **A61K 45/06 (2006.01)**  
**A61K 9/06 (2006.01)**  
**A61K 31/165 (2006.01)**  
**A61K 31/198 (2006.01)**  
**A61K 31/277 (2006.01)**  
**A61K 47/38 (2006.01)**  
**A61P 25/16 (2006.01)**
- (87) **EP Publ.nr:** EP3188725  
(86) **EP søkn.nr:** 15838800.9  
(86) **EP innl.dag:** 2015.09.04  
(87) **EP publ.dag:** 2017.07.12  
(80) **EP meddelt :** 2020.10.28  
(30) **Prioritet:** 2014.09.04, SE, 1451034  
2015.03.24, SE, 1550344
- (86) **Int.inndag :** 2015.09.04  
(86) **Int.søknadsnr :** PCT/SE2015/050939  
(73) **Innehaver:**  
LobSor Pharmaceuticals Aktiebolag, Kålsängsgränd 10  
D753 19 Uppsala, SE-Sverige
- (72) **Oppfinner:**  
BOLSÖY, Roger, Kolonivägen 1674144 Knivsta, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PHARMACEUTICAL COMPOSITIONS COMPRISING  
LEVODOPA, A DOPAMINE DECARBOXYLASE  
INHIBITOR AND A COMT INHIBITOR AND METHOD OF  
ADMINISTRATION THEREOF

- (51) **Klasse:** **A61K 48/00 (2006.01)**  
**C12N 15/861 (2006.01)**
- (87) **EP Publ.nr:** EP3191139  
(86) **EP søkn.nr:** 15825383.1  
(86) **EP innl.dag:** 2015.07.17  
(87) **EP publ.dag:** 2017.07.19  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2014.07.24, US, 201462028638 P  
(86) **Int.inndag :** 2015.07.17  
(86) **Int.søknadsnr :** PCT/US2015/040866
- (73) **Innehaver:**  
Massachusetts Eye & Ear Infirmary, 243 Charles  
StreetBoston, MA 02114, US-USA  
UCL Business Ltd, The Network Building 97 Tottenham  
Court RoadLondon W1T 4TP, GB-Storbritannia  
The Government of the United States of America as  
represented by the Secretary, Department of Health and  
Human Services, The Office of Technology Transfer  
National Institutes of Health 6011 Executive Boulevard  
Suite 325, MSC 7660Bethesda, MD 20892-7660, US-USA
- (72) **Oppfinner:**  
SANDBERG, Michael A., 935 Main StreetReading,  
Massachusetts 01867, US-USA  
PAWLYK, Basil, 35 Alexis LaneHampton Falls, New  
Hampshire 03844, US-USA  
LI, Tiansen, 14917 Little Bennett DriveClarksburg,  
Maryland 20871, US-USA  
SHU, Xinhua, 92 Hillend CrescentGlasgow G76 7XY, GB-  
Storbritannia  
WRIGHT, Alan Finlay, 43 Thorburn RoadEdinburgh EH13  
0BN, GB-Storbritannia  
ALI, Robin, 14917 Little Bennett DriveClarksburg, Maryland  
20871, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
RPGR GENE THERAPY FOR RETINITIS PIGMENTOSA

- (51) **Klasse:** **A61L 27/22 (2006.01)**  
**A61L 27/26 (2006.01)**
- (87) **EP Publ.nr:** EP3532115  
(86) **EP søkn.nr:** 17797522.4  
(86) **EP innl.dag:** 2017.10.27  
(87) **EP publ.dag:** 2019.09.04  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.10.28, EP, 16425100  
(86) **Int.inndag :** 2017.10.27  
(86) **Int.søknadsnr :** PCT/EP2017/001263
- (73) **Innehaver:**  
Dialybrid S.r.l., 84, Corso Magenta20123 Milano, IT-Italia
- (72) **Oppfinner:**  
GRECO, Francesco Giovanni, 18 Via Siracusa22063  
Cantù, IT-Italia  
RIBOLDI, Stefania Adele, 11 Via Camozzi20152 Milano, IT-  
Italia  
DENTINHO VAN UDEN, Sebastião Nicolau, Est. Labruscas  
172710-655 Sintra, PT-Portugal  
CATTO, Valentina Ilaria Maria, 80 Via Volturno Portici  
III20861 Brugherio, IT-Italia  
MERONI, Davide, 31 Via Fabio Filzi20851 Lissone, IT-Italia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
HYBRID SCAFFOLD SUITABLE FOR REGENERATING  
ANIMAL TISSUES AND PROCESS FOR PRODUCING  
THE SCAFFOLD

- (51) **Klasse:** **A61M 1/10 (2006.01)**  
**A61B 17/34 (2006.01)**  
**A61M 1/12 (2006.01)**
- (87) **EP Publ.nr:** EP3551246  
(86) **EP søkn.nr:** 17808106.3  
(86) **EP innl.dag:** 2017.11.20  
(87) **EP publ.dag:** 2019.10.16  
(80) **EP meddelt :** 2020.10.21  
(30) **Prioritet:** 2016.12.09, FR, 1662268  
(86) **Int.inndag :** 2017.11.20  
(86) **Int.søknadsnr :** PCT/FR2017/053181
- (73) **Innehaver:**  
Fineheart, Hôpital Xavier Arnoz Avenue du Haut  
Lévêque Technologique d'Innovation Biomédicale33600  
Pessac, FR-Frankrike
- (72) **Oppfinner:**  
GARRIGUE, Stéphane, 26 rue du Général Faidherbe33130  
Begles, FR-Frankrike  
MASCARELL, Arnaud, 32 rue de la butte Rabault37250  
Montbazou, FR-Frankrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SUTURELESS ANCHORING DEVICE FOR HEART PUMP



- (51) **Klasse:** *A61M 16/08 (2006.01)*  
*A61M 25/18 (2006.01)*  
*A61M 39/10 (2006.01)*  
*F16L 37/138 (2006.01)*
- (87) **EP Publ.nr:** EP3313490  
(86) **EP søkn.nr:** 16815404.5  
(86) **EP innl.dag:** 2016.06.24  
(87) **EP publ.dag:** 2018.05.02  
(80) **EP meddelt :** 2021.01.13  
(30) **Prioritet:** 2015.06.24, US, 201562183996 P  
(86) **Int.inndag :** 2016.06.24  
(86) **Int.søknadsnr :** PCT/US2016/039318  
(73) **Innehaver:**  
Linear Health Sciences, LLC, 5333 Wisteria Dr.Oklahoma City, OK 73142, US-USA
- (72) **Oppfinner:**  
CLARK, Daniel, Lawrence, 3111 Highland AvenueUnit AManhattan Beach, CA 90266, US-USA  
WATERS, Adam, James, 3606 Fiday RoadJoliet, IL 60431, US-USA  
DENNIS, Ryan Wayne, 5333 Wisteria Dr.Oklahoma City, OK 73142, US-USA
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
TUBING SYSTEM

- (51) **Klasse:** *A61P 19/00 (2006.01)*  
*A61K 31/541 (2006.01)*  
*A61P 19/02 (2006.01)*  
*A61P 29/00 (2006.01)*  
*A61P 35/00 (2006.01)*  
*A61P 37/00 (2006.01)*  
*A61P 37/06 (2006.01)*  
*A61P 37/08 (2006.01)*  
*A61P 43/00 (2006.01)*  
*C07D 471/04 (2006.01)*  
*H04L 29/06 (2006.01)*  
*H04L 29/08 (2006.01)*  
*H04W 4/80 (2018.01)*  
*H04W 8/24 (2009.01)*  
*H04W 92/18 (2009.01)*
- (87) **EP Publ.nr:** EP3102575  
(86) **EP søkn.nr:** 15704974.3  
(86) **EP innl.dag:** 2015.02.04  
(87) **EP publ.dag:** 2016.12.14  
(80) **EP meddelt :** 2021.01.13  
(30) **Prioritet:** 2014.02.07, GB, 201402071  
(86) **Int.inndag :** 2015.02.04  
(86) **Int.søknadsnr :** PCT/EP2015/052242  
(73) **Innehaver:**  
Galapagos NV, Generaal De Wittelaan L11/A32800 Mechelen, BE-Belgia
- (72) **Oppfinner:**  
SABOURAULT, Nicolas Luc, Galapagos SASU102 Avenue Gaston RousselF-93230 Romainville, FR-Frankrike  
DE FAVERI, Carla, Lundbeck Pharmaceuticals Italy SpAQuarta Strada 2I-35129 Padova, IT-Italia  
SHEIKH, Ahmad, AbbVie Inc.1 North Waukegan RoadNorth Chicago, IL 60064, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL SALTS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS

- (51) **Klasse:** *B01D 53/62 (2006.01)*  
*B01D 53/50 (2006.01)*  
*B01D 53/75 (2006.01)*  
*B03C 3/017 (2006.01)*
- (87) **EP Publ.nr:** EP2578298  
(86) **EP søkn.nr:** 11789951.8  
(86) **EP innl.dag:** 2011.05.31  
(87) **EP publ.dag:** 2013.04.10  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2010.05.31, JP, 2010125393  
(86) **Int.inndag :** 2011.05.31  
(86) **Int.søknadsnr :** PCT/JP2011/062871  
(73) **Innehaver:**  
MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., 3-1, Minatomirai 3-Chome, Nishi-kuYokohama-shi, Kanagawa 220-8401, JP-Japan
- (72) **Oppfinner:**  
NAGAYASU, Tatsuto, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
KAMIJO, Takashi, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
INU, Masayuki, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
OISHI, Tsuyoshi, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
NAGAYASU, Hiromitsu, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
TANAKA, Hiroshi, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
HIRATA, Takuya, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
TSUJIUCHI, Tatsuya, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
OKINO, Susumu, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
KAMIYAMA, Naoyuki, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan  
YOSHIHARA, Seiji, c/o MITSUBISHI, LTD16-5 Konan2-ChomeMinato-kuTOKYO 108-8215, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
EXHAUST GAS PROCESSING METHOD

- (51) **Klasse:** *B01F 3/08 (2006.01)*  
*A61K 49/22 (2006.01)*  
*B01F 3/04 (2006.01)*  
*B01F 5/04 (2006.01)*  
*B01F 11/02 (2006.01)*  
*B01F 13/00 (2006.01)*
- (87) **EP Publ.nr:** EP3405278  
(86) **EP søkn.nr:** 17701577.3  
(86) **EP innl.dag:** 2017.01.20  
(87) **EP publ.dag:** 2018.11.28  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2016.01.20, GB, 201601053  
(86) **Int.inndag :** 2017.01.20  
(86) **Int.søknadsnr :** PCT/GB2017/050144  
(73) **Innehaver:**  
Oxford University Innovation Limited, Buxton Court 3 West WayOxford OX2 0JB, GB-Storbritannia
- (72) **Oppfinner:**  
STRIDE, Eleanor, c/o University of OxfordWellington SquareOxfordOxfordshire OX1 2JD, GB-Storbritannia  
CARUGO, Dario, 17 Bexley CourtReadingRG30 2DY, GB-Storbritannia  
BROWNING, Richard, c/o University of OxfordWellington SquareOxfordOxfordshire OX1 2JD, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR GENERATING BUBBLES

(51) **Klasse:** *B01J 20/30 (2006.01)*  
*A61K 31/74 (2006.01)*  
*A61P 3/00 (2006.01)*  
*B01D 15/38 (2006.01)*  
*B01J 20/26 (2006.01)*

(87) **EP Publ.nr:** EP2477706  
(86) **EP søkn.nr:** 10754335.7  
(86) **EP innl.dag:** 2010.09.16  
(87) **EP publ.dag:** 2012.07.25  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2009.09.16, EP, 09170484  
2009.09.22, US, 244487 P

(86) **Int.inndag :** 2010.09.16  
(86) **Int.søknadsnr :** PCT/EP2010/063614  
(73) **Innehaver:**  
Mipsalus Aps, Agern Alle 32970 Hørsholm, DK-Danmark

(72) **Oppfinner:**  
KROGH, Nicolas, Otto, Furesøvej 109DK-2830 Virum, DK-Danmark  
GREGORIUS, Klaus, Lykkesborg Allé 15DK-Søborg 2860, DK-Danmark

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

(54) **Benevnelse:**  
MOLECULAR IMPRINTED POLYMERS FOR USE IN A TREATMENT OF A DISEASE

(51) **Klasse:** *B01J 21/00 (2006.01)*  
*C07C 4/06 (2006.01)*  
*C07C 6/04 (2006.01)*  
*C07C 11/06 (2006.01)*

(87) **EP Publ.nr:** EP3570975  
(86) **EP søkn.nr:** 18702869.1  
(86) **EP innl.dag:** 2018.01.17  
(87) **EP publ.dag:** 2019.11.27  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2017.01.20, US, 201762448495 P  
(86) **Int.inndag :** 2018.01.17  
(86) **Int.søknadsnr :** PCT/US2018/013945  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Post Office Box 5000Dhahran 31311, SA-Saudi Arabia

(72) **Oppfinner:**  
KHOKHAR, Munir D., c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, SA-Saudi Arabia  
ALSHAFEI, Faisal H., c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, SA-Saudi Arabia  
SULAIS, Noor A., c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, SA-Saudi Arabia  
SHAIKH, Sohel K., c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, SA-Saudi Arabia  
ABUDAWOUD, Raed H., c/o Saudi Arabian Oil CompanyPost Office Box 5000Dhahran 31311, SA-Saudi Arabia

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge

(54) **Benevnelse:**  
DUAL CATALYST PROCESSES AND SYSTEMS FOR PROPYLENE PRODUCTION

(51) **Klasse:** *B21K 21/04 (2006.01)*  
*B21C 23/20 (2006.01)*  
*B21C 23/21 (2006.01)*  
*F42B 5/02 (2006.01)*

(87) **EP Publ.nr:** EP3372324  
(86) **EP søkn.nr:** 18160026.3  
(86) **EP innl.dag:** 2018.03.05  
(87) **EP publ.dag:** 2018.09.12  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2017.03.07, US, 15451717  
(73) **Innehaver:**  
National Machinery LLC, 161 Greenfield StreetTiffin, OH 44883-0747, US-USA

(72) **Oppfinner:**  
CARPER, Jeffrey, W, 171 Coe StreetTiffin, OH Ohio 44883, US-USA  
SNAVELY, Christopher, W, 3222 N. Township Rd. 179Republic, OH Ohio 44867, US-USA

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

(54) **Benevnelse:**  
LONG CARTRIDGE CASE

(51) **Klasse:** *B23K 10/00 (2006.01)*  
*B23K 26/08 (2014.01)*  
*B23K 26/12 (2014.01)*  
*B23K 26/38 (2014.01)*  
*B23K 37/04 (2006.01)*  
*B65H 20/18 (2006.01)*  
*B65H 23/188 (2006.01)*  
*B23K 101/16 (2006.01)*

(87) **EP Publ.nr:** EP3488960  
(86) **EP søkn.nr:** 18206939.3  
(86) **EP innl.dag:** 2018.11.19  
(87) **EP publ.dag:** 2019.05.29  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2017.11.23, IT, 201700134202  
(73) **Innehaver:**  
Dallan S.p.A., Via per Salvatronda 5031033 Castelfranco Veneto (Treviso), IT-Italia

(72) **Oppfinner:**  
DALLAN, Andrea, c/o DALLAN S.P.A.Via Per Salvatronda, 501-31033 Castelfranco Veneto, TREVISO, IT-Italia

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

(54) **Benevnelse:**  
APPARATUS FOR LASER OR PLASMA CUTTING OF PIECES OF LAMINAR MATERIAL WOUND IN COIL

(51) **Klasse:** *B24C 1/04 (2006.01)*  
*B24C 3/32 (2006.01)*  
*B24C 9/00 (2006.01)*

(87) **EP Publ.nr:** EP3259100  
(86) **EP søkn.nr:** 15706420.5  
(86) **EP innl.dag:** 2015.02.18  
(87) **EP publ.dag:** 2017.12.27  
(80) **EP meddelt :** 2020.10.14  
(86) **Int.inndag :** 2015.02.18  
(86) **Int.søknadsnr :** PCT/EP2015/053432  
(73) **Innehaver:**  
ANT Applied New Technologies AG, Hinter den Kirschkatzen 3223560 Lübeck, DE-Tyskland

(72) **Oppfinner:**  
LINDE, Marco, Sternerring 2023562 Lübeck, DE-Tyskland

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge

(54) **Benevnelse:**  
ABRASIVE WATERJET CUTTING INSTALLATION

- (51) **Klasse:** **B26B 21/24 (2006.01)**  
**B26B 21/40 (2006.01)**
- (87) **EP Publ.nr:** EP3250350
- (86) **EP søkn.nr:** 16744261.5
- (86) **EP innl.dag:** 2016.02.01
- (87) **EP publ.dag:** 2017.12.06
- (80) **EP meddelt :** 2020.10.07
- (30) **Prioritet:** 2015.02.01, US, 201562110595 P  
2015.11.02, US, 201562249578 P
- (86) **Int.inndag :** 2016.02.01
- (86) **Int.søknadsnr :** PCT/US2016/015898
- (73) **Innehaver:**  
Mack-Ray, Inc., 12143 Punkin Hollow RoadBentonville, AR 72712, US-USA
- (72) **Oppfinner:**  
LIBERATORE, Raymond A., c/o Mack-Ray, Inc.12143 Punkin Hollow RoadBentonville, AR 72712, US-USA
- (74) **Fullmektig:**  
Patent Law Firm Wittmann, v/Günther Wittmann, Frans-Hals-Strasse 31, 81479 MÜNCHEN, Tyskland
- (54) **Benevnelse:**  
DUAL SIDED RAZOR

- (51) **Klasse:** **B29C 45/00 (2006.01)**
- (87) **EP Publ.nr:** EP3237169
- (86) **EP søkn.nr:** 15819828.3
- (86) **EP innl.dag:** 2015.12.23
- (87) **EP publ.dag:** 2017.11.01
- (80) **EP meddelt :** 2020.11.11
- (30) **Prioritet:** 2014.12.23, DE, 102014019214
- (86) **Int.inndag :** 2015.12.23
- (86) **Int.søknadsnr :** PCT/EP2015/081118
- (73) **Innehaver:**  
bio-tec Biologische Naturverpackungen GmbH & Co. KG, Werner-Heisenberg-Strasse 3246446 Emmerich, DE-Tyskland
- (72) **Oppfinner:**  
SCHMIDT, Harald, Spillingscher Weg 5146446 Emmerich, DE-Tyskland  
HESS, Christoph, Markt 546459 Rees, DE-Tyskland  
FRIEDEK, Wolfgang, Mühlenstrasse 1947551 Bedburg-Hau, DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHOD FOR PRODUCING MOULDED PARTS AND PRODUCTS

- (51) **Klasse:** **B60P 1/28 (2006.01)**  
**B60R 13/01 (2006.01)**
- (87) **EP Publ.nr:** EP3642076
- (86) **EP søkn.nr:** 18731144.4
- (86) **EP innl.dag:** 2018.06.21
- (87) **EP publ.dag:** 2020.04.29
- (80) **EP meddelt :** 2020.11.18
- (30) **Prioritet:** 2017.06.22, EP, 17177445
- (86) **Int.inndag :** 2018.06.21
- (86) **Int.søknadsnr :** PCT/EP2018/066652
- (73) **Innehaver:**  
Metso Sweden AB, Box 132231 22 Trelleborg, SE-Sverige
- (72) **Oppfinner:**  
PERSSON, Henrik, Lillevångsvägen 17231 68 Trelleborg, SE-Sverige  
LARSSON, Fredrik, Sigtunagatan 14214 29 Malmö, SE-Sverige  
JOHANSSON, Magnus, Östergatan 36 C231 45 Trelleborg, SE-Sverige  
AHLBERG, Peter, Gångspelsvägen 14231 32 Trelleborg, SE-Sverige  
HÄLLEVALL, Niclas, Stora Tvärgatan 31223 52 Lund, SE-Sverige
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
A LINING, A HAUL TRUCK BODY COMPRISING THE SAME AND A HAUL TRUCK

- (51) **Klasse:** **B62D 7/15 (2006.01)**  
**B62D 15/02 (2006.01)**  
**G05D 1/02 (2020.01)**
- (87) **EP Publ.nr:** EP3521140
- (86) **EP søkn.nr:** 19155072.2
- (86) **EP innl.dag:** 2019.02.01
- (87) **EP publ.dag:** 2019.08.07
- (80) **EP meddelt :** 2020.10.14
- (30) **Prioritet:** 2018.02.01, IT, 201800002315
- (73) **Innehaver:**  
COMETTO S.p.A., Via Cuneo 2012011 Borgo San Dalmazzo, IT-Italia
- (72) **Oppfinner:**  
LIPPI, Fabrizio, Via S. Martino, 3512010 Vignolo (CN), IT-Italia  
D'AGOSTINO, Willian, Via Sandro Pertini, 312011 Borgo San Dalmazzo (CN), IT-Italia  
GIRAUDO, Alberto, Via Ten. Arturo Garino, 812029 San Damiano Macra (CN), IT-Italia
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
TRANSPORT VEHICLE AND DRIVING METHOD OF THIS TRANSPORT VEHICLE



- (51) **Klasse:** *B63H 1/14 (2006.01)*  
*B63H 1/16 (2006.01)*  
*B63H 1/26 (2006.01)*  
*F03B 3/12 (2006.01)*  
*F04D 3/02 (2006.01)*  
*F04D 29/38 (2006.01)*
- (87) **EP Publ.nr:** EP3536600  
(86) **EP søkn.nr:** 19170982.3  
(86) **EP innl.dag:** 2013.06.05  
(87) **EP publ.dag:** 2019.09.11  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2012.06.06, NL, 2008948  
(73) **Innehaver:**  
G.A.M. Manshanden Management B.V., Dissel 41671 NG  
Medemblik, NL-Nederland
- (72) **Oppfinner:**  
MANSHANDEN, Gerardus Augustinus Maria, Hazewaal  
11671 LA MEDEMBLIK, NL-Nederland
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
UNDERWATER TURBINE

- (51) **Klasse:** *B65D 41/26 (2006.01)*  
*B65D 47/12 (2006.01)*  
*G01F 19/00 (2006.01)*
- (87) **EP Publ.nr:** EP3489166  
(86) **EP søkn.nr:** 17203103.1  
(86) **EP innl.dag:** 2017.11.22  
(87) **EP publ.dag:** 2019.05.29  
(80) **EP meddelt :** 2020.12.09  
(73) **Innehaver:**  
Santa Maria AB, Box 63431 21 Mölndal, SE-Sverige
- (72) **Oppfinner:**  
VON MENTZER, Märta, Sjöbackevägen 22427 37 Billdal,  
SE-Sverige  
MINOGUE, Lisa, Ulricehamnsvägen 15121 39  
Johanneshov, SE-Sverige
- (74) **Fullmektig:**  
AWA NORWAY AS, c/o Regus Business Center Aker  
brygge, Postboks 1433 Vika, 0115 OSLO, Norge
- (54) **Benevnelse:**  
DISPENSER FOR DRY FOODSTUFF

- (51) **Klasse:** *C01B 32/19 (2017.01)*
- (87) **EP Publ.nr:** EP3266744  
(86) **EP søkn.nr:** 17179852.3  
(86) **EP innl.dag:** 2017.07.05  
(87) **EP publ.dag:** 2018.01.10  
(80) **EP meddelt :** 2020.12.30  
(30) **Prioritet:** 2016.07.05, US, 201662358311 P  
(73) **Innehaver:**  
VLN Advanced Technologies Inc., 1166 Rainbow  
StreetOttawa, Ontario K1J 6X7, CA-Canada
- (72) **Oppfinner:**  
YAN, Wenzhuo, 1166 Rainbow StreetOttawa, Ontario K1J  
6X7, CA-Canada  
VIJAY, Mohan, 1166 Rainbow StreetOttawa, Ontario K1J  
6X7, CA-Canada  
TIEU, Andrew, 1166 Rainbow StreetOttawa, Ontario K1J  
6X7, CA-Canada  
XU, Meisheng, 1166 Rainbow StreetOttawa, Ontario K1J  
6X7, CA-Canada  
DANIELS, Bruce, 1166 Rainbow StreetOttawa, Ontario K1J  
6X7, CA-Canada
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
APPARATUS AND METHOD FOR PREPARING  
GRAPHENE BY EXFOLIATION OF GRAPHITE USING A  
PULSED OR CAVITATING WATERJET

- (51) **Klasse:** *C07C 5/333 (2006.01)*  
*C07C 5/48 (2006.01)*  
*C07C 11/04 (2006.01)*
- (87) **EP Publ.nr:** EP3585761  
(86) **EP søkn.nr:** 18708608.7  
(86) **EP innl.dag:** 2018.02.20  
(87) **EP publ.dag:** 2020.01.01  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2017.02.22, EP, 17386007  
2017.02.22, EP, 17386008
- (86) **Int.inndag :** 2018.02.20  
(86) **Int.søknadsnr :** PCT/EP2018/054084  
(73) **Innehaver:**  
Shell Internationale Research Maatschappij B.V., Carel van  
Bylandtlaan 302596 HR The Hague, NL-Nederland
- (72) **Oppfinner:**  
MITKIDIS, Georgios, Grasweg 311031 HW Amsterdam,  
NL-Nederland  
VAN ROSSUM, Guus, Grasweg 311031 HW Amsterdam,  
NL-Nederland  
SAN ROMAN MACIA, Maria, Grasweg 311031 HW  
Amsterdam, NL-Nederland  
SCHOONEBEEK, Ronald, Jan, Grasweg 311031 HW  
Amsterdam, NL-Nederland  
VERHAAK, Michael, Johannes, Franciscus, Maria,  
Grasweg 311031 HW Amsterdam, NL-Nederland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
GAS CLEAN-UP FOR ALKANE OXIDATIVE  
DEHYDROGENATION EFFLUENT

- (51) **Klasse:** *C07C 69/82 (2006.01)*  
*C07C 67/03 (2006.01)*  
*C08K 5/12 (2006.01)*
- (87) **EP Publ.nr:** EP3351526  
(86) **EP søkn.nr:** 17152394.7  
(86) **EP innl.dag:** 2017.01.20  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2020.11.18
- (73) **Innehaver:**  
Evonik Operations GmbH, Rellinghauser Straße 1-1145128  
Essen, DE-Tyskland
- (72) **Oppfinner:**  
BOECK, Florian, Frauenstraße 3048143 Münster, DE-Tyskland  
GRASS, Michael, Mosskamp 21 b45721 Haltern am See, DE-Tyskland  
WOLDT, Benjamin, Alte Bahnhofstraße 121A44892 Bochum, DE-Tyskland  
HUBER, André, Lilienstr. 1845772 Marl, DE-Tyskland  
BLEX, Christine, Sauerlandstr. 3945770 Marl, DE-Tyskland  
BLUMENTHAL, Ulrike, Am Alten Sportplatz 17 C45770 Marl, DE-Tyskland
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
DIISOPENTYLTEREPHTHALATE

- (51) **Klasse:** *C07D 211/66 (2006.01)*
- (87) **EP Publ.nr:** EP3643704  
(86) **EP søkn.nr:** 18202878.7  
(86) **EP innl.dag:** 2018.10.26  
(87) **EP publ.dag:** 2020.04.29  
(80) **EP meddelt :** 2020.12.16
- (73) **Innehaver:**  
hameln pharma gmbh, Inselstraße 131787 Hameln, DE-Tyskland
- (72) **Oppfinner:**  
VALACHOVIC, Pavol, Hameln rds a.s.Novomeského 24902 01 Pezinok, SK-Slovakia  
KRÁLOVÁ, Janka, Hameln rds a.s.Novomeského 24902 01 Pezinok, SK-Slovakia  
SLÍZIK, Lubos, Hameln rds a.s.Drienková 15903 01 Senec, SK-Slovakia  
VARGA, Norbert, Hameln rds a.s.Komenského 10900 01 Modra, SK-Slovakia
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
NEW INTERMEDIATES FOR THE PREPARATION OF REMIFENTANIL HYDROCHLORIDE

- (51) **Klasse:** *C07D 295/15 (2006.01)*  
*A61K 31/5375 (2006.01)*  
*A61P 29/00 (2006.01)*
- (87) **EP Publ.nr:** EP3134393  
(86) **EP søkn.nr:** 15726740.2  
(86) **EP innl.dag:** 2015.04.21  
(87) **EP publ.dag:** 2017.03.01  
(80) **EP meddelt :** 2020.12.09
- (30) **Prioritet:** 2014.04.21, US, 201461981997 P  
(86) **Int.inndag :** 2015.04.21  
(86) **Int.søknadsnr :** PCT/IL2015/050420
- (73) **Innehaver:**  
Yissum Research Development Company of the Hebrew University of Jerusalem Ltd., Hi Tech Park The Edmond J. Safra Campus Givat Ram9139002 Jerusalem, IL-Israël
- (72) **Oppfinner:**  
GALLILY, Ruth, 14 Davidson Street9370638 Jerusalem, IL-Israël  
MECHOULAM, Raphael, 12 Tchernichovsky Street9258115 Jerusalem, IL-Israël  
BREUER, Aviva, 18 Nave Shaanan Street9370719 Jerusalem, IL-Israël
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
CYCLOHEXENYL COMPOUNDS, COMPOSITIONS COMPRISING THEM AND USES THEREOF

- (51) **Klasse:** *C07D 401/04 (2006.01)*  
*A61K 31/506 (2006.01)*  
*A61P 35/00 (2006.01)*  
*A61P 37/00 (2006.01)*  
*C07B 59/00 (2006.01)*
- (87) **EP Publ.nr:** EP3404024  
(86) **EP søkn.nr:** 17738201.7  
(86) **EP innl.dag:** 2017.01.13  
(87) **EP publ.dag:** 2018.11.21  
(80) **EP meddelt :** 2020.11.18
- (30) **Prioritet:** 2016.01.14, CN, 201610023840  
(86) **Int.inndag :** 2017.01.13  
(86) **Int.søknadsnr :** PCT/CN2017/071147
- (73) **Innehaver:**  
Kangpu Biopharmaceuticals, Ltd., 780 Cailun Road, Suite 818 Zhangjiang Hi-Tech Park Pudong New AreaShanghai 201203, CN-Kina
- (72) **Oppfinner:**  
LEE, Wen-Cherng, 780 Cailun Road, Suite 818, Zhangjiang Hi-Tech ParkPudong New AreaShanghai 201203, CN-Kina  
LIAO, Baisong, 780 Cailun Road, Suite 818,Zhangjiang Hi-Tech ParkPudong New AreaShanghai 201203, CN-Kina
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
QUINAZOLINONE DERIVATIVE, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION, AND APPLICATIONS

- (51) **Klasse:** *C07D 401/14 (2006.01)*  
*A61K 31/506 (2006.01)*  
*A61P 1/16 (2006.01)*  
*C07D 401/04 (2006.01)*  
*C07D 405/14 (2006.01)*  
*C07D 413/14 (2006.01)*  
*C07D 417/14 (2006.01)*
- (87) **EP Publ.nr:** EP3455216  
(86) **EP søkn.nr:** 17721706.4  
(86) **EP innl.dag:** 2017.05.08  
(87) **EP publ.dag:** 2019.03.20  
(80) **EP meddelt :** 2020.11.04  
(30) **Prioritet:** 2016.05.12, EP, 16169356  
(86) **Int.inndag :** 2017.05.08  
(86) **Int.søknadsnr :** PCT/EP2017/060890  
(73) **Innehaver:**  
Boehringer Ingelheim International GmbH, Binger Strasse 17355216 Ingelheim am Rhein, DE-Tyskland
- (72) **Oppfinner:**  
BLUM, Andreas, Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 INGELHEIM AM RHEIN, DE-Tyskland  
GODBOUT, Cédricx, Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 INGELHEIM AM RHEIN, DE-Tyskland  
HEHN, Joerg, P., Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 INGELHEIM AM RHEIN, DE-Tyskland  
PETERS, Stefan, Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 INGELHEIM AM RHEIN, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
PYRIDINYL DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF AS AOC3 INHIBITORS

- (51) **Klasse:** *C07D 471/04 (2006.01)*  
*A61K 45/06 (2006.01)*  
*A61P 17/00 (2006.01)*  
*A61P 29/00 (2006.01)*  
*A61P 37/00 (2006.01)*  
*A61P 37/08 (2006.01)*  
*A61P 43/00 (2006.01)*
- (87) **EP Publ.nr:** EP3568396  
(86) **EP søkn.nr:** 18702412.0  
(86) **EP innl.dag:** 2018.01.10  
(87) **EP publ.dag:** 2019.11.20  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2017.01.11, EP, 17151020  
(86) **Int.inndag :** 2018.01.10  
(86) **Int.søknadsnr :** PCT/EP2018/050548  
(73) **Innehaver:**  
Leo Pharma A/S, Industriparken 552750 Ballerup, DK-Danmark
- (72) **Oppfinner:**  
LARSEN, Jens, c/o LEO Pharma A/S Industriparken 552750 Ballerup, DK-Danmark  
LARSEN, Mogens, c/o LEO Pharma A/S Industriparken 552750 Ballerup, DK-Danmark  
RASMUSSEN, Lars Kyhn, Kaløvej 192720 Vanløse, DK-Danmark  
RITZEN, Andreas, c/o LEO Pharma A/S Industriparken 552750 Ballerup, DK-Danmark  
DUUS, Tine Marianne, c/o LEO Pharma A/S Industriparken 552750 Ballerup, DK-Danmark
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL AMINO-IMIDAZOPYRIDINE DERIVATIVES AS JANUS KINASE INHIBITORS AND PHARMACEUTICAL USE THEREOF

- (51) **Klasse:** *C07G 1/00 (2011.01)*
- (87) **EP Publ.nr:** EP3672979  
(86) **EP søkn.nr:** 18778493.9  
(86) **EP innl.dag:** 2018.09.28  
(87) **EP publ.dag:** 2020.07.01  
(80) **EP meddelt :** 2021.01.06  
(30) **Prioritet:** 2017.09.29, FR, 1759134  
(86) **Int.inndag :** 2018.09.28  
(86) **Int.søknadsnr :** PCT/EP2018/076531  
(73) **Innehaver:**  
INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, 147 rue de l'Université 75007 Paris, FR-Frankrike  
INSTITUT NATIONAL D'ENSEIGNEMENT SUPERIEUR POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT, 42 rue Scheffer 75116 Paris, FR-Frankrike
- (72) **Oppfinner:**  
ROUMEAS, Laurent, 119 rue des MOUETTES (La Meynade) 83140 Six-Fours-les-Plages, FR-Frankrike  
BILLERACH, Guillaume, Res Le Véronique Appt 8 1er étage 257 Avenue du Professeur Louis Ravas 34080 Montpellier, FR-Frankrike  
DUBREUCQ, Eric, 23 rue des Amours d'Antan 34980 Saint Gély du Fesc, FR-Frankrike  
FULCRAND, Hélène, 23 Rue des Amours d'Antan 34980 Saint Gély du Fesc, FR-Frankrike
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
CHEMICALLY STABLE LIGNIN DERIVATIVE AND METHOD FOR PREPARING SAME

- (51) **Klasse:** *C07H 21/02 (2006.01)*  
*A61K 31/7076 (2006.01)*  
*A61P 37/00 (2006.01)*  
*C07H 19/23 (2006.01)*
- (87) **EP Publ.nr:** EP3519420  
(86) **EP søkn.nr:** 17772731.0  
(86) **EP innl.dag:** 2017.09.28  
(87) **EP publ.dag:** 2019.08.07  
(80) **EP meddelt :** 2020.11.11  
(30) **Prioritet:** 2016.09.30, EP, 16191919  
(86) **Int.inndag :** 2017.09.28  
(86) **Int.søknadsnr :** PCT/EP2017/074608  
(73) **Innehaver:**  
Boehringer Ingelheim International GmbH, Binger Strasse 17355216 Ingelheim am Rhein, DE-Tyskland
- (72) **Oppfinner:**  
OOST, Thorsten, Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 Ingelheim am Rhein, DE-Tyskland  
CAROTTA, Sebastian, Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 Ingelheim am Rhein, DE-Tyskland  
FLECK, Martin, Boehringer Ingelheim GmbH Corporate Patents Binger Strasse 17355216 Ingelheim am Rhein, DE-Tyskland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
CYCLIC DINUCLEOTIDE COMPOUNDS

- (51) **Klasse:** *C07J 43/00 (2006.01)*  
*A61K 31/56 (2006.01)*  
*A61P 25/00 (2006.01)*  
*C07J 3/00 (2006.01)*  
*C07J 7/00 (2006.01)*  
*C07J 9/00 (2006.01)*  
*C07J 13/00 (2006.01)*  
*C07J 41/00 (2006.01)*  
*C07J 51/00 (2006.01)*
- (87) **EP Publ.nr:** EP3250210  
(86) **EP søkn.nr:** 16743932.2  
(86) **EP innl.dag:** 2016.01.26  
(87) **EP publ.dag:** 2017.12.06  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2015.01.26, US, 201562107776 P  
2015.04.08, US, 201562144789 P
- (86) **Int.inndag :** 2016.01.26  
(86) **Int.søknadsnr :** PCT/US2016/014835  
(73) **Innehaver:**  
Sage Therapeutics, Inc., 215 First StreetCambridge, MA  
02142, US-USA
- (72) **Oppfinner:**  
ROBICHAUD, Albert Jean, 215 First StreetCambridge, MA  
02142, US-USA  
MARTINEZ BOTELLA, Gabriel, 17 Parmenter  
RoadWayland, MA 01778, US-USA  
SALITURO, Francesco G., 25 Baker DriveMarlborough, MA  
01752, US-USA  
HARRISON, Boyd L., 9 Wheatston CourtPrinceton  
Junction, NJ 08550, US-USA
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS AND METHODS FOR TREATING CNS  
DISORDERS

- (51) **Klasse:** *C07K 16/28 (2006.01)*
- (87) **EP Publ.nr:** EP3177644  
(86) **EP søkn.nr:** 15750136.2  
(86) **EP innl.dag:** 2015.08.05  
(87) **EP publ.dag:** 2017.06.14  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2014.08.05, US, 201462033177 P  
2014.09.22, US, 201462053366 P  
2014.12.17, US, 201462093368 P
- (86) **Int.inndag :** 2015.08.05  
(86) **Int.søknadsnr :** PCT/IB2015/055943  
(73) **Innehaver:**  
MabQuest SA, Avenue General-Guisan 621009 Pully, CH-  
Sveits
- (72) **Oppfinner:**  
PANTALEO, Giuseppe, Avenue Général Guisan 62CH-  
1009 Pully, CH-Sveits  
FENWICK, Craig, Avenue Du Léman 36CH-1005  
Lausanne, CH-Sveits
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
IMMUNOLOGICAL REAGENTS BINDING TO PD-1

- (51) **Klasse:** *C07K 16/28 (2006.01)*
- (87) **EP Publ.nr:** EP3317300  
(86) **EP søkn.nr:** 16744669.9  
(86) **EP innl.dag:** 2016.07.01  
(87) **EP publ.dag:** 2018.05.09  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2015.07.01, EP, 15174741  
(86) **Int.inndag :** 2016.07.01  
(86) **Int.søknadsnr :** PCT/EP2016/065577  
(73) **Innehaver:**  
Fondazione IRCCS Istituto Nazionale dei Tumori, Via  
Giacomo Venezian 120133 Milan, IT-Italia
- (72) **Oppfinner:**  
FIGINI, Mariangela, Via Tuvara 2620129 Milan, IT-Italia  
SATTA, Alessandro, Via Sacro Monte 4A21056 Induno  
Olona, IT-Italia  
GIANNI, Alessandro Massimo, Via Degli Ori 721010  
Castelvecchana, IT-Italia  
DI NICOLA, Massimo, Via Cascine27059 Zavattarello, IT-  
Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
BISPECIFIC ANTIBODIES FOR USE IN CANCER  
IMMUNOTHERAPY

- (51) **Klasse:** *C07K 19/00 (2006.01)*  
*A61K 39/12 (2006.01)*  
*A61K 48/00 (2006.01)*  
*A61P 15/00 (2006.01)*  
*A61P 31/20 (2006.01)*  
*A61P 35/00 (2006.01)*  
*C12N 7/01 (2006.01)*  
*C12N 15/861 (2006.01)*
- (87) **EP Publ.nr:** EP3095798  
(86) **EP søkn.nr:** 15736908.3  
(86) **EP innl.dag:** 2015.01.15  
(87) **EP publ.dag:** 2016.11.23  
(80) **EP meddelt :** 2020.12.16  
(30) **Prioritet:** 2014.01.15, CN, 201410017909
- (86) **Int.inndag :** 2015.01.15  
(86) **Int.søknadsnr :** PCT/CN2015/070789  
(73) **Innehaver:**  
MYGT Biopharmaceutical LLC, Room 884, Building 39  
2888 Xing Siping HighwayFengxian DistrictShanghai, CN-  
Kina
- (72) **Oppfinner:**  
BIAN, Tao, 18 Zhilan RoadJiangning DistrictNanjingJiangsu  
211100, CN-Kina  
LI, Juan, 18 Zhilan RoadJiangning DistrictNanjingJiangsu  
211100, CN-Kina  
XIAO, Xiao, 18 Zhilan RoadJiangning  
DistrictNanjingJiangsu 211100, CN-Kina
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
IMMUNITY ENHANCING THERAPEUTIC VACCINE FOR  
HPV AND RELATED DISEASES

(51) **Klasse:** *C08F 220/14 (2006.01)*  
*C08F 2/02 (2006.01)*  
*C08J 9/02 (2006.01)*  
*C08J 9/04 (2006.01)*

(87) **EP Publ.nr:** EP3510065  
(86) **EP søkn.nr:** 17765113.0  
(86) **EP innl.dag:** 2017.08.31  
(87) **EP publ.dag:** 2019.07.17  
(80) **EP meddelt :** 2020.10.21  
(30) **Prioritet:** 2016.09.12, EP, 16188243  
(86) **Int.inndag :** 2017.08.31  
(86) **Int.søknadsnr :** PCT/EP2017/071839  
(73) **Innehaver:**  
Evonik Operations GmbH, Rellinghauser Straße 1-1145128  
Essen, DE-Tyskland

(72) **Oppfinner:**  
RICHTER, Thomas, Viktoriastr. 6664293 Darmstadt, DE-Tyskland  
SEIPEL, Christoph, Amtsgasse 9864832 Babenhausen, DE-Tyskland  
BERNHARD, Kay, 440 Wallingford RdCheshire, Connecticut 06410, US-USA

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge

(54) **Benevnelse:**  
IMPROVEMENT OF THE PROPERTIES OF PMMA FOAMS BY THE USE OF METHACRYL AMIDES

(51) **Klasse:** *C08F 290/06 (2006.01)*  
*B01J 13/18 (2006.01)*  
*C08F 2/22 (2006.01)*

(87) **EP Publ.nr:** EP3548529  
(86) **EP søkn.nr:** 17818456.0  
(86) **EP innl.dag:** 2017.12.01  
(87) **EP publ.dag:** 2019.10.09  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.12.01, FR, 1661787  
(86) **Int.inndag :** 2017.12.01  
(86) **Int.søknadsnr :** PCT/EP2017/081227  
(73) **Innehaver:**  
Calyxia, 2 Avenue des Orangers94380 Bonneuil-sur-Marne, FR-Frankrike

(72) **Oppfinner:**  
WALTERS, Jamie, Calyxia2 avenue des Orangers94380 Bonneuil-sur-Marne, FR-Frankrike  
DEMOULIN, Damien, 214 avenue du Maine75014 Paris, FR-Frankrike

(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge

(54) **Benevnelse:**  
PROCESS FOR PREPARING MICROCAPSULES OF CONTROLLED SIZE COMPRISING A PHOTOPOLYMERIZATION STEP

(51) **Klasse:** *C08K 9/08 (2006.01)*  
*C08K 3/34 (2006.01)*  
*C08K 11/00 (2006.01)*  
*C09D 1/00 (2006.01)*  
*C09D 1/02 (2006.01)*  
*C09D 1/06 (2006.01)*

(87) **EP Publ.nr:** EP3116946  
(86) **EP søkn.nr:** 15761653.3  
(86) **EP innl.dag:** 2015.03.13  
(87) **EP publ.dag:** 2017.01.18  
(80) **EP meddelt :** 2020.10.21  
(30) **Prioritet:** 2014.03.14, US, 201461952975 P  
(86) **Int.inndag :** 2015.03.13  
(86) **Int.søknadsnr :** PCT/US2015/020451  
(73) **Innehaver:**  
Imerys USA, Inc., 100 Mansell Court East, Suite 300Roswell, GA 30076, US-USA

(72) **Oppfinner:**  
WANG, Bo, 34382 Grand Canyon DriveUnion City, CA 94587, US-USA  
PATEL, Navin, 645 Venus AvenueLompoc, CA 93436, US-USA

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

(54) **Benevnelse:**  
AGGLOMERATED MINERAL COMPOSITES

(51) **Klasse:** *C08L 67/02 (2006.01)*  
*C08L 67/04 (2006.01)*

(87) **EP Publ.nr:** EP3099744  
(86) **EP søkn.nr:** 15704239.1  
(86) **EP innl.dag:** 2015.02.02  
(87) **EP publ.dag:** 2016.12.07  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2014.01.31, DE, 102014001152  
(86) **Int.inndag :** 2015.02.02  
(86) **Int.søknadsnr :** PCT/EP2015/052029  
(73) **Innehaver:**  
bio-tec Biologische Naturverpackungen GmbH & Co. KG, Werner-Heisenberg-Strasse 3246446 Emmerich, DE-Tyskland

(72) **Oppfinner:**  
SCHMIDT, Harald, Spilingscher Weg 5146446 Emmerich, DE-Tyskland  
HESS, Christoph, Markt 546459 Rees, DE-Tyskland  
FRIEDEK, Wolfgang, Mühlenstraße 1947551 Bedburg-Hau, DE-Tyskland  
BECKMANN, Ralph, Eckener Straße 2248431 Rheine, DE-Tyskland

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

(54) **Benevnelse:**  
POLYMER COMPOSITION CONTAINING PLLA AND PDLA



- (51) **Klasse:** C09K 11/64 (2006.01)  
C09K 9/00 (2006.01)  
C09K 11/67 (2006.01)  
C09K 11/77 (2006.01)
- (87) **EP Publ.nr:** EP3469040  
(86) **EP søkn.nr:** 17730231.2  
(86) **EP innl.dag:** 2017.05.08  
(87) **EP publ.dag:** 2019.04.17  
(80) **EP meddelt :** 2020.10.21  
(30) **Prioritet:** 2016.05.09, FI, 20165392  
(86) **Int.inndag :** 2017.05.08  
(86) **Int.søknadsnr :** PCT/FI2017/050355  
(73) **Innehaver:**  
Turun yliopisto, Yliopistonmäki20014 Turun yliopisto, FI-Finland
- (72) **Oppfinner:**  
LASTUSAARI, Mika, Laukpolku 3 H 1820740 Turku, FI-Finland  
NORRBO, Isabella, Hämeenkatu 8 A 120500 Turku, FI-Finland
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
SYNTHETIC MATERIAL FOR DETECTING  
ULTRAVIOLET RADIATION AND/OR X-RADIATION

- (51) **Klasse:** C10G 9/16 (2006.01)  
B01D 17/02 (2006.01)  
B01D 19/00 (2006.01)  
B01D 53/24 (2006.01)  
C10G 45/00 (2006.01)  
C10G 55/04 (2006.01)  
C10G 67/04 (2006.01)  
C10G 69/06 (2006.01)  
B01D 11/04 (2006.01)  
B01D 53/52 (2006.01)
- (87) **EP Publ.nr:** EP2807233  
(86) **EP søkn.nr:** 13716480.2  
(86) **EP innl.dag:** 2013.01.27  
(87) **EP publ.dag:** 2014.12.03  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2012.01.27, US, 201261591780 P  
(86) **Int.inndag :** 2013.01.27  
(86) **Int.søknadsnr :** PCT/US2013/023334  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Box 5000Dhahran 31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
BOURANE, Abdennour, P.O. Box 1634Saudi AramcoRas Tanura, 31311, SA-Saudi Arabia  
SHAFI, Raheel, c/o Nexant Ltd.PO Box 20705, Level 22, West TowerBahrain Financial HarbourManama, BH-Bahrein  
SAYED, Essam, P.O. Box 12474Saudi AramcoDhahran, 31311, SA-Saudi Arabia  
ABBA, Ibrahim, A., P.O. Box 14043Saudi AramcoDhahran, 31311, SA-Saudi Arabia  
AKHRAS, Abdul, Rahman Zafer, P.O. Box 11217Saudi AramcoDhahran, 31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (54) **Benevnelse:**  
INTEGRATED SOLVENT DEASPHALTING,  
HYDROTREATING AND STEAM PYROLYSIS PROCESS  
FOR DIRECT PROCESSING OF A CRUDE OIL

- (51) **Klasse:** C10G 9/16 (2006.01)  
C10G 47/26 (2006.01)  
C10G 49/12 (2006.01)  
C10G 65/08 (2006.01)  
C10G 65/12 (2006.01)  
C10G 65/14 (2006.01)  
C10G 69/00 (2006.01)  
C10G 69/06 (2006.01)  
C10G 70/02 (2006.01)  
B01D 17/02 (2006.01)  
B01D 19/00 (2006.01)  
B01J 21/04 (2006.01)  
B01J 27/051 (2006.01)  
B01J 35/10 (2006.01)
- (87) **EP Publ.nr:** EP2834325  
(86) **EP søkn.nr:** 13715519.8  
(86) **EP innl.dag:** 2013.03.20  
(87) **EP publ.dag:** 2015.02.11  
(80) **EP meddelt :** 2020.12.23  
(30) **Prioritet:** 2012.03.20, US, 201261613294 P  
2013.03.14, US, 201361785894 P
- (86) **Int.inndag :** 2013.03.20  
(86) **Int.søknadsnr :** PCT/US2013/033181  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Box 5000Dhahran 31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
SAYED, Essam, P.O.Box 12474, Saudi AramcoDhahran 31311, SA-Saudi Arabia  
SHAFI, Raheel, P.O.Box 8925, Saudi AramcoDhahran 31311, SA-Saudi Arabia  
AKHRAS, Abdul Rahman, Zafer, P.O.Box 11217, Saudi AramcoDhahran 31311, SA-Saudi Arabia  
BOURANE, Abdennour, P.O.Box 1634, Saudi AramcoRas Tanura, SA-Saudi Arabia  
ABBA, Ibrahim A., P.O.Box 14043, Saudi AramcoDhahran 31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (54) **Benevnelse:**  
INTEGRATED HYDROPROCESSING, STEAM  
PYROLYSIS AND SLURRY HYDROPROCESSING OF  
CRUDE OIL TO PRODUCE PETROCHEMICALS

- (51) **Klasse:** C10G 55/04 (2006.01)  
C10G 9/36 (2006.01)  
C10G 19/00 (2006.01)  
C10G 21/00 (2006.01)  
C10G 67/04 (2006.01)  
C10G 69/06 (2006.01)  
B01D 17/02 (2006.01)  
B01D 19/00 (2006.01)  
B01D 53/52 (2006.01)
- (87) **EP Publ.nr:** EP2807232  
(86) **EP søkn.nr:** 13710089.7  
(86) **EP innl.dag:** 2013.01.27  
(87) **EP publ.dag:** 2014.12.03  
(80) **EP meddelt :** 2020.12.30  
(30) **Prioritet:** 2012.01.27, US, 201261591776 P  
(86) **Int.inndag :** 2013.01.27  
(86) **Int.søknadsnr :** PCT/US2013/023335  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Box 5000Dhahran 31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
BOURANE, Abdennour, c/o Saudi AramcoP.O. Box 1634Ras Tanura, 31311, SA-Saudi Arabia  
SHAFI, Raheel, c/o Nexant Ltd.PO Box 20705, Level 22, West TowerBahrain Financial HarbourManama, BH-Bahrein  
SAYED, Essam, c/o Saudi AramcoP.O. Box 12474Dhahran, 31311, SA-Saudi Arabia  
ABBA, Ibrahim, A., c/o Saudi AramcoP.O. Box 14043Dhahran, 31311, SA-Saudi Arabia  
AKHRAS, Abdul Rahman, Zafer, c/o Saudi AramcoP.O. Box 11217Dhahran, 31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (54) **Benevnelse:**  
INTEGRATED HYDROTREATING, SOLVENT DEASPHALTING AND STEAM PYROLYSIS PROCESS FOR DIRECT PROCESSING OF A CRUDE OIL

- (51) **Klasse:** C10G 69/06 (2006.01)  
C10G 9/16 (2006.01)  
C10G 45/44 (2006.01)  
C10G 47/22 (2006.01)  
B01D 17/02 (2006.01)  
B01D 19/00 (2006.01)  
B01D 53/22 (2006.01)  
B01D 53/24 (2006.01)  
B01D 53/52 (2006.01)  
C10K 1/00 (2006.01)
- (87) **EP Publ.nr:** EP2807236  
(86) **EP søkn.nr:** 13711163.9  
(86) **EP innl.dag:** 2013.01.27  
(87) **EP publ.dag:** 2014.12.03  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2012.01.27, US, 201261591811 P  
(86) **Int.inndag :** 2013.01.27  
(86) **Int.søknadsnr :** PCT/US2013/023332  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Box 5000Dhahran 31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
SHAFI, Raheel, c/o Nexant Ltd.PO Box 20705, Level 22, West TowerBahrain Financial HarbourManama, BH-Bahrein  
HASSELMEYER, Julio, P.O. Box 1553Saudi AramcoDhahran, 31311, SA-Saudi Arabia  
BOURANE, Abdennour, P.O. Box 1634Saudi AramcoRas Tanura, 31311, SA-Saudi Arabia  
ABBA, Ibrahim, A., P.O. Box 14043Saudi AramcoDhahran, 31311, SA-Saudi Arabia  
AKHRAS, Abdul Rahman, Zafer, P.O. Box 11217 Saudi AramcoDhahran, 31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge
- (54) **Benevnelse:**  
INTEGRATED HYDROTREATING AND STEAM PYROLYSIS PROCESS FOR DIRECT PROCESSING OF A CRUDE OIL

- (51) **Klasse:** C10K 1/02 (2006.01)  
C10K 3/00 (2006.01)  
C10K 3/02 (2006.01)
- (87) **EP Publ.nr:** EP3516016  
(86) **EP søkn.nr:** 17755188.4  
(86) **EP innl.dag:** 2017.08.22  
(87) **EP publ.dag:** 2019.07.31  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2016.09.21, DK, PA201600552  
(86) **Int.inndag :** 2017.08.22  
(86) **Int.søknadsnr :** PCT/EP2017/071134  
(73) **Innehaver:**  
Haldor Topsøe A/S, Haldor Topsøes Allé 12800 Kgs. Lyngby, DK-Danmark
- (72) **Oppfinner:**  
MADSEN, Jørgen, Smedievej 503400 Hillerød, DK-Danmark  
GAMBARINI, Erik, Brøndumvej 112720 Vanløse, DK-Danmark  
LØGSTED-NIELSEN, Erik, Frederiksborgvej 2262400 Copenhagen, DK-Danmark
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SEPARATOR SYSTEM, TAR REFORMER SYSTEM AND GAS PURIFICATION PROCESS

- (51) **Klasse:** C12N 5/00 (2006.01)  
C07K 14/33 (2006.01)  
C12R 1/145 (2006.01)
- (87) **EP Publ.nr:** EP3289069  
(86) **EP søkn.nr:** 16786751.4  
(86) **EP innl.dag:** 2016.04.28  
(87) **EP publ.dag:** 2018.03.07  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2015.04.28, KR, 20150059654  
(86) **Int.inndag :** 2016.04.28  
(86) **Int.søknadsnr :** PCT/KR2016/004430  
(73) **Innehaver:**  
DAEWOONG CO., LTD., 244, Galmachi-roJungwon-guSeongnam-si, Gyeonggi-do 13211, KR-Sør-Korea
- (72) **Oppfinner:**  
KIM, Kyoung-Yun, 103-1303 50 Hwasancheonbyeon-roWansan-guJeonju-siJeollabuk-do 54970, KR-Sør-Korea  
SUL, Hye-Young, 326-302 17 Junganggongwon-roBundang-guSeongnam-siGyeonggi-do 13588, KR-Sør-Korea  
MIN, Kyoung-Min, No. 502 321 Hongcheon-roHongcheon-eupHongcheon-gunGangwon-do 25136, KR-Sør-Korea
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
MEDIUM COMPOSITION FOR PREPARING BOTULINUM TOXIN

- (51) **Klasse:** C12N 9/12 (2006.01)  
A61K 35/12 (2015.01)  
A61K 35/74 (2015.01)  
A61K 39/00 (2006.01)  
A61K 39/02 (2006.01)  
A61P 1/00 (2006.01)  
A61P 1/04 (2006.01)  
A61P 1/12 (2006.01)  
A61P 1/14 (2006.01)  
A61P 31/04 (2006.01)  
A61P 37/04 (2006.01)  
C07K 14/25 (2006.01)  
C12N 1/20 (2006.01)  
C12N 1/21 (2006.01)  
C12N 9/10 (2006.01)
- (87) **EP Publ.nr:** EP3279313  
(86) **EP søkn.nr:** 17168855.9  
(86) **EP innl.dag:** 2010.09.28  
(87) **EP publ.dag:** 2018.02.07  
(80) **EP meddelt :** 2020.11.25  
(30) **Prioritet:** 2009.09.28, GB, 0917002  
(73) **Innehaver:**  
GlaxoSmithKline Biologicals S.A., Rue de l'Institut, 891330 Rixensart, BE-Belgia
- (72) **Oppfinner:**  
GERKE, Christiane, Novartis VaccinesVia Fiorentina 153100 Siena, IT-Italia  
BERLANDA SCORZA, Francesco, Novartis VaccinesVia Fiorentina 153100 Siena, IT-Italia  
SAUL, Allan, Novartis VaccinesVia Fiorentina 153100 Siena, IT-Italia  
MAGGIORE, Luana, Novartis VaccinesVia Fiorentina 153100 Siena, IT-Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HYPERBLEBBING SHIGELLA STRAINS

- (51) **Klasse:** C12N 15/113 (2010.01)
- (87) **EP Publ.nr:** EP3329002  
(86) **EP søkn.nr:** 16750567.6  
(86) **EP innl.dag:** 2016.07.28  
(87) **EP publ.dag:** 2018.06.06  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2015.07.31, US, 201562199563 P  
2016.01.27, US, 201662287518 P
- (86) **Int.inndag :** 2016.07.28  
(86) **Int.søknadsnr :** PCT/US2016/044359  
(73) **Innehaver:**  
Alnylam Pharmaceuticals, Inc., 300 Third Street, 3rd FloorCambridge, MA 02142, US-USA
- (72) **Oppfinner:**  
ZIMMERMANN, Tracy, 300 Third Street3rd FloorCambridge, MA 02142, US-USA  
CHAN, Amy, 300 Third Street3rd FloorCambridge, MA 02142, US-USA  
JADHAV, Vasant, 300 Third Street3rd FloorCambridge, MA 02142, US-USA  
MAIER, Martin, 300 Third Street3rd FloorCambridge, MA 02142, US-USA  
RAJEEV, Kallanthottathil, G., 300 Third Street3rd FloorCambridge, MA 02142, US-USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
TRANSTHYRETIN (TTR) IRNA COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING OR PREVENTING TTR-ASSOCIATED DISEASES

- (51) **Klasse:** C12N 15/62 (2006.01)  
C07K 14/55 (2006.01)  
C07K 14/715 (2006.01)
- (87) **EP Publ.nr:** EP3401402  
(86) **EP søkn.nr:** 18162555.9  
(86) **EP innl.dag:** 2013.06.06  
(87) **EP publ.dag:** 2018.11.14  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2012.06.08, US, 201261657264 P  
2012.06.08, US, 201261657285 P  
2012.06.08, US, 201261657378 P  
2012.11.06, US, 201261723081 P  
2013.03.13, US, 201361778575 P  
2013.03.13, US, 201361778812 P
- (73) **Innehaver:**  
Alkermes Pharma Ireland Limited, Connaught House 1 Burlington RoadDublin 4, IE-Irland
- (72) **Oppfinner:**  
ALVAREZ, Juan, 6 Wyndbrook LaneChelmsford, MA 01824, US-USA  
CHAMOUN, Jean, 10 Utica StreetWoburn, MA 01801, US-USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
LIGANDS MODIFIED BY CIRCULAR PERMUTATION AS AGONISTS AND ANTAGONISTS



- (51) **Klasse:** C12N 15/864 (2006.01)  
A61K 48/00 (2006.01)  
A61P 21/00 (2006.01)
- (87) **EP Publ.nr:** EP3097197  
(86) **EP søkn.nr:** 15703234.3  
(86) **EP innl.dag:** 2015.01.21  
(87) **EP publ.dag:** 2016.11.30  
(80) **EP meddelt :** 2020.12.16  
(30) **Prioritet:** 2014.01.21, EP, 14151960  
(86) **Int.inndag :** 2015.01.21  
(86) **Int.søknadsnr :** PCT/EP2015/051081  
(73) **Innehaver:**  
Vrije Universiteit Brussel, Pleinlaan 21050 Brussel, BE-Belgia  
VIB VZW, Rijvisschestraat 1209052 Gent, BE-Belgia  
Universiteit Gent, Sint-Pietersnieuwstraat 259000 Gent, BE-Belgia
- (72) **Oppfinner:**  
VANDENDRIESSCHE, Thierry, Tienessesteeweg 2503360 Bierbeek, BE-Belgia  
CHUAH, Marinee, Tienessesteeweg 2503360 Bierbeek, BE-Belgia  
DE BLESER, Pieter, Prosper Bosteelstraat 189255 Buggenhout, BE-Belgia
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
MUSCLE-SPECIFIC NUCLEIC ACID REGULATORY ELEMENTS AND METHODS AND USE THEREOF

- (51) **Klasse:** C25C 3/12 (2006.01)  
C25C 3/16 (2006.01)  
C25C 7/02 (2006.01)
- (87) **EP Publ.nr:** EP3191625  
(86) **EP søkn.nr:** 15840147.1  
(86) **EP innl.dag:** 2015.08.25  
(87) **EP publ.dag:** 2017.07.19  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2014.09.08, US, 201462047423 P  
(86) **Int.inndag :** 2015.08.25  
(86) **Int.søknadsnr :** PCT/US2015/046714  
(73) **Innehaver:**  
Elysis Limited Partnership, 1 Place Ville-Marie, Suite 2323Montreal, QC H3B 3M5, CA-Canada
- (72) **Oppfinner:**  
REED, Susan M., 203 Crestwood DriveSarver, Pennsylvania 16055, US-USA  
STEINER, William, 301 Acorn DriveAcme, Pennsylvania 15610, US-USA  
ARTMAN, Glenn, 309 Evergreen CourtApollo, Pennsylvania 15613, US-USA  
LASALLE, Jerry, 4809 Greenhead CourtMurrysville, Pennsylvania 15668, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
ANODE APPARATUS

- (51) **Klasse:** D21C 9/00 (2006.01)  
D21D 1/20 (2006.01)  
D21H 11/16 (2006.01)  
D21H 11/18 (2006.01)
- (87) **EP Publ.nr:** EP3350368  
(86) **EP søkn.nr:** 16779156.5  
(86) **EP innl.dag:** 2016.09.16  
(87) **EP publ.dag:** 2018.07.25  
(80) **EP meddelt :** 2020.11.04  
(30) **Prioritet:** 2015.09.16, FI, 20155666  
(86) **Int.inndag :** 2016.09.16  
(86) **Int.søknadsnr :** PCT/FI2016/050643  
(73) **Innehaver:**  
UPM-Kymmene Corporation, Alvar Aallon katu 100100 Helsinki, FI-Finland
- (72) **Oppfinner:**  
KAJANTO, Isko, Kuukausikuja 4 as. 402200 Espoo, FI-Finland  
KOSONEN, Mika, Ukonmäenkatu 2953550 Lappeenranta, FI-Finland  
NUOPPONEN, Markus, Juutinraumankatu 6 B 2902200 Helsinki, FI-Finland
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
METHOD FOR PRODUCING NANOFIBRILLAR CELLULOSE

- (51) **Klasse:** E01B 1/00 (2006.01)  
E01B 2/00 (2006.01)  
E01B 9/28 (2006.01)  
E01B 9/30 (2006.01)
- (87) **EP Publ.nr:** EP2834413  
(86) **EP søkn.nr:** 13726273.9  
(86) **EP innl.dag:** 2013.04.04  
(87) **EP publ.dag:** 2015.02.11  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2012.04.05, DE, 102012103001  
(86) **Int.inndag :** 2013.04.04  
(86) **Int.søknadsnr :** PCT/IB2013/052705  
(73) **Innehaver:**  
RTE Technologie GmbH, Mariahilfstr. 296900 Bregenz, AT-Østerrike
- (72) **Oppfinner:**  
KOWALSKI, Martin, Wolfgang-Griesstätter-Str. 583404 Ainring, DE-Tyskland  
AL-THUWAINY, Tariq, Blattur 42 B6840 Götzis, AT-Østerrike  
KNITTEL, Stefan, Stethaimerstr. 13/10A-5020 Salzburg, AT-Østerrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
RAIL FASTENING ELEMENT FOR A FIXED SLAB TRACK

- (51) **Klasse:** *E21B 23/00 (2006.01)*  
*E21B 33/10 (2006.01)*
- (87) **EP Publ.nr:** EP3307980
- (86) **EP søkn.nr:** 15797806.5
- (86) **EP innl.dag:** 2015.11.13
- (87) **EP publ.dag:** 2018.04.18
- (80) **EP meddelt :** 2020.10.14
- (30) **Prioritet:** 2015.06.11, US, 201514736613
- (86) **Int.inndag :** 2015.11.13
- (86) **Int.søknadsnr :** PCT/US2015/060559
- (73) **Innehaver:**  
Saudi Arabian Oil Company, 1 Eastern Avenue Dhahran  
31311, SA-Saudi Arabia
- (72) **Oppfinner:**  
ZHOU, Shaohua, Saudi Aramco P.O. Box 8803 Dhahran  
31311, SA-Saudi Arabia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
SEALING A PORTION OF A WELLBORE

- (51) **Klasse:** *E21B 34/04 (2006.01)*  
*E21B 34/00 (2006.01)*  
*F16K 5/06 (2006.01)*
- (87) **EP Publ.nr:** EP3341560
- (86) **EP søkn.nr:** 16747601.9
- (86) **EP innl.dag:** 2016.07.29
- (87) **EP publ.dag:** 2018.07.04
- (80) **EP meddelt :** 2020.10.14
- (30) **Prioritet:** 2015.08.25, GB, 201515117
- (86) **Int.inndag :** 2016.07.29
- (86) **Int.søknadsnr :** PCT/GB2016/052353
- (73) **Innehaver:**  
Interventek Subsea Engineering Limited, Wellheads  
Crescent Wellheads Industrial Estate Dyce Aberdeen,  
Aberdeenshire AB21 7GA, GB-Storbritannia
- (72) **Oppfinner:**  
COWIE, Gavin David, Glenlea9 Arbeadie  
Terrace Banchory Aberdeenshire AB31 5TN, GB-  
Storbritannia  
SANGSTER, John David, 4 Souter Circle Westhill Aberdeen  
AB32 6WG, GB-Storbritannia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
VALVE

- (51) **Klasse:** *E21B 44/00 (2006.01)*
- (87) **EP Publ.nr:** EP3430235
- (86) **EP søkn.nr:** 17767437.1
- (86) **EP innl.dag:** 2017.03.15
- (87) **EP publ.dag:** 2019.01.23
- (80) **EP meddelt :** 2020.11.25
- (30) **Prioritet:** 2016.03.18, US, 201662310436 P
- (86) **Int.inndag :** 2017.03.15
- (86) **Int.søknadsnr :** PCT/US2017/022523
- (73) **Innehaver:**  
National Oilwell Varco, L.P., 7909 Parkwood Circle  
Drive Houston, Texas 77036, US-USA
- (72) **Oppfinner:**  
CHAHINE, Gilbert, 2000 Bagby Unit 7432 Houston, Texas  
77002, US-USA  
LI, Ruoyu, 5314 April Run Ct. Sugarland Texas 77479, US-  
USA  
SIMMONS, Clayton, 11606 Brookfalls Drive Houston, Texas  
77070, US-USA  
STAUDACHER, Lance, 1337 W 23rd Houston, Texas  
77008, US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR DRILLING A WELLBORE  
USING PATTERN DETECTION

- (51) **Klasse:** *F02M 21/02 (2006.01)*  
*F02B 37/00 (2006.01)*  
*F02D 19/02 (2006.01)*  
*F02D 41/00 (2006.01)*  
*F02D 41/02 (2006.01)*  
*F02D 41/04 (2006.01)*  
*F02D 45/00 (2006.01)*
- (87) **EP Publ.nr:** EP3376012
- (86) **EP søkn.nr:** 16863930.0
- (86) **EP innl.dag:** 2016.10.06
- (87) **EP publ.dag:** 2018.09.19
- (80) **EP meddelt :** 2020.11.25
- (30) **Prioritet:** 2015.11.10, JP, 2015220070
- (86) **Int.inndag :** 2016.10.06
- (86) **Int.søknadsnr :** PCT/JP2016/079827
- (73) **Innehaver:**  
Kawasaki Jukogyo Kabushiki Kaisha, 1-1,  
Higashikawasaki-cho 3-chome Chuo-ku Kobe-shi, Hyogo  
650-8670, JP-Japan
- (72) **Oppfinner:**  
NONAKA, Yosuke, c/o Kawasaki Jukogyo Kabushiki  
Kaisha 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-  
shi, Hyogo 650-8670, JP-Japan  
KIZUKA, Tomoaki, c/o Kawasaki Jukogyo Kabushiki  
Kaisha 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-  
shi, Hyogo 650-8670, JP-Japan  
FUKAO, Satoru, c/o Kawasaki Jukogyo Kabushiki Kaisha 1-  
1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo  
650-8670, JP-Japan  
FUJIHARA, Shigeharu, c/o Kawasaki Jukogyo Kabushiki  
Kaisha 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-  
shi, Hyogo 650-8670, JP-Japan  
HIRAYAMA, Towa, c/o Kawasaki Jukogyo Kabushiki  
Kaisha 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-  
shi, Hyogo 650-8670, JP-Japan  
ISHII, Hiroyoshi, c/o Kawasaki Jukogyo Kabushiki Kaisha 1-  
1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo  
650-8670, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
GAS ENGINE DRIVE SYSTEM

(51) **Klasse:** *F03D 1/00 (2006.01)*  
*F03D 3/00 (2006.01)*  
*F03D 9/00 (2016.01)*  
*F03D 9/11 (2016.01)*  
*F03D 9/25 (2016.01)*  
*F03D 80/70 (2016.01)*

(87) **EP Publ.nr:** EP3359807  
(86) **EP søkn.nr:** 16758252.7  
(86) **EP innl.dag:** 2016.08.25  
(87) **EP publ.dag:** 2018.08.15  
(80) **EP meddelt :** 2020.10.21  
(30) **Prioritet:** 2015.10.05, GB, 201517525  
(86) **Int.inndag :** 2016.08.25  
(86) **Int.søknadsnr :** PCT/GB2016/052653  
(73) **Innehaver:**  
Coman, Christopher John Anthony, 7 Penelope  
Gardens Wickhamford, Evesham, Worcestershire WR11  
7SG, GB-Storbritannia

(72) **Oppfinner:**  
Coman, Christopher John Anthony, 7 Penelope  
Gardens Wickhamford, Evesham, Worcestershire WR11  
7SG, GB-Storbritannia

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

(54) **Benevnelse:**  
APPARATUS AND METHOD OF GENERATING ENERGY  
FROM RENEWABLE ENERGY SOURCES

(51) **Klasse:** *F25D 29/00 (2006.01)*  
*B65D 6/28 (2006.01)*

(87) **EP Publ.nr:** EP2494293  
(86) **EP søkn.nr:** 10826173.6  
(86) **EP innl.dag:** 2010.10.27  
(87) **EP publ.dag:** 2012.09.05  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2009.10.28, FI, 20096113  
(86) **Int.inndag :** 2010.10.27  
(86) **Int.søknadsnr :** PCT/FI2010/050850  
(73) **Innehaver:**  
CCS Cold Cargo Solutions OY, Ylistönmäentie 2440500  
Jyväskylä, FI-Finland

(72) **Oppfinner:**  
PROSKIN, Jukka, Kenttätatu 744200 Suolahti, FI-Finland

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

(54) **Benevnelse:**  
METHOD FOR TEMPERATURE CONTROLLED  
TRANSPORT

(51) **Klasse:** *F28D 7/10 (2006.01)*  
*F28F 1/04 (2006.01)*  
*F28F 1/10 (2006.01)*  
*F28F 1/12 (2006.01)*  
*F28F 1/40 (2006.01)*

(87) **EP Publ.nr:** EP3580514  
(86) **EP søkn.nr:** 18708568.3  
(86) **EP innl.dag:** 2018.02.05  
(87) **EP publ.dag:** 2019.12.18  
(80) **EP meddelt :** 2020.12.09  
(30) **Prioritet:** 2017.02.09, CZ, 20170077  
(86) **Int.inndag :** 2018.02.05  
(86) **Int.søknadsnr :** PCT/CZ2018/000008  
(73) **Innehaver:**  
SUAR.CZ s.r.o., Turgenevova 19412 01 Litomerice, CZ-  
Den tsjekkiske republikk

(72) **Oppfinner:**  
SUMERA, Pavel, Turgenevova 19412 01 Litomerice, CZ-  
Den tsjekkiske republikk

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

(54) **Benevnelse:**  
AN ANNULAR HEAT EXCHANGER

(51) **Klasse:** *G01C 21/26 (2006.01)*  
*B60W 40/09 (2012.01)*  
*G01C 21/32 (2006.01)*  
*G01S 19/14 (2010.01)*  
*G07C 5/00 (2006.01)*

(87) **EP Publ.nr:** EP3367062  
(86) **EP søkn.nr:** 18152240.0  
(86) **EP innl.dag:** 2018.01.18  
(87) **EP publ.dag:** 2018.08.29  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2017.02.23, IN, 201721006435  
(73) **Innehaver:**  
Tata Consultancy Services Limited, Nirmal Building 9th  
Floor Nariman Point Mumbai 400 021 Maharashtra, IN-India

(72) **Oppfinner:**  
CHOWDHURY, Arijit, Tata Consultancy Services Building  
1B, Ecospace Plot - IIF/12 New Town Rajarhat Kolkata 700  
160 West Bengal, IN-India  
GHOSE, Avik, Tata Consultancy Services Limited Building  
1B, Ecospace Plot - IIF/12 New Town Rajarhat Kolkata 700  
160 West Bengal, IN-India  
CHAKRAVARTY, Tapas, Tata Consultancy  
Services Building 1B, Ecospace Plot - IIF/12 New  
Town Rajarhat Kolkata 700 160 West Bengal, IN-India

(74) **Fullmektig:**  
Tata Consultancy Services Limited, Nirmal Building 9th  
Floor, Nariman Point, 400021 MUMBAI, MAHARASHTRA,  
India

(54) **Benevnelse:**  
SYSTEM AND METHOD FOR DRIVER PROFILING  
CORRESPONDING TO AN AUTOMOBILE TRIP

- (51) **Klasse:** *G01N 27/00 (2006.01)*  
*G01N 1/22 (2006.01)*  
*G01N 1/40 (2006.01)*
- (87) **EP Publ.nr:** EP3039412  
(86) **EP søkn.nr:** 14841311.5  
(86) **EP innl.dag:** 2014.08.25  
(87) **EP publ.dag:** 2016.07.06  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2013.08.27, US, 201361870348 P  
(86) **Int.inndag :** 2014.08.25  
(86) **Int.søknadsnr :** PCT/US2014/052472  
(73) **Innehaver:**  
Inspirotec LLC, an Illinois Corporation 3333 Green Bay Road, L410North Chicago, IL 60064, US-USA
- (72) **Oppfinner:**  
GORDON, Julian, 3333 Green Bay Road, L410North Chicago, IL 60064, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
CAPTURING ASSAYABLE AGENTS IN A DIELECTRIC FLUID UTILIZING ELECTROKINETIC DEVICE COMPRISING REMOVABLE ELECTRODES

- (51) **Klasse:** *G01S 7/40 (2006.01)*
- (87) **EP Publ.nr:** EP3555655  
(86) **EP søkn.nr:** 17794348.7  
(86) **EP innl.dag:** 2017.11.09  
(87) **EP publ.dag:** 2019.10.23  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.12.15, FR, 1601789  
(86) **Int.inndag :** 2017.11.09  
(86) **Int.søknadsnr :** PCT/EP2017/078767  
(73) **Innehaver:**  
THALES, Tour Carpe Diem Place des Corolles Esplanade Nord92400 Courbevoie, FR-Frankrike
- (72) **Oppfinner:**  
GARNIER, Jean-Marc, c/o THALES LAS France29 Rue de Montaran45404 Fleury les Aubrais, FR-Frankrike  
LE THOMAS, Jean-Luc, 1547 Rue de la Plaine d'Azenne45370 Clery Saint Andre, FR-Frankrike
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
DEVICE FOR MEASURING THE ELECTROMAGNETIC PERFORMANCE OF A GROUND RADAR

- (51) **Klasse:** *G01S 7/52 (2006.01)*  
*G01C 21/00 (2006.01)*  
*G01S 15/89 (2006.01)*  
*G05D 1/06 (2006.01)*
- (87) **EP Publ.nr:** EP3211448  
(86) **EP søkn.nr:** 17166111.9  
(86) **EP innl.dag:** 2012.05.07  
(87) **EP publ.dag:** 2017.08.30  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2011.05.06, US, 201161483549 P  
(73) **Innehaver:**  
Hadal, Inc., 1907 Dennison StreetOakland, CA 94606, US-USA
- (72) **Oppfinner:**  
Rikoski, Richard J., Hadal, Inc.1907 Dennison StreetOakland, California 94606, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
SYSTEMS AND METHODS FOR SYNTHETIC APERTURE SONAR

- (51) **Klasse:** *G01V 1/36 (2006.01)*  
*G01V 1/38 (2006.01)*
- (87) **EP Publ.nr:** EP2526445  
(86) **EP søkn.nr:** 11702327.5  
(86) **EP innl.dag:** 2011.01.19  
(87) **EP publ.dag:** 2012.11.28  
(80) **EP meddelt :** 2021.01.13  
(30) **Prioritet:** 2010.01.19, US, 296055 P  
(86) **Int.inndag :** 2011.01.19  
(86) **Int.søknadsnr :** PCT/US2011/021678  
(73) **Innehaver:**  
ION Geophysical Corporation, 2105 CityWest BoulevardHouston, TX 77042, US-USA
- (72) **Oppfinner:**  
LAMBERT, Dale, J., 804 Fawn RoadMandevilleLouisiana 70448, US-USA
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
DUAL-SENSOR NOISE-REDUCTION SYSTEM FOR AN UNDERWATER CABLE

- (51) **Klasse:** *G06F 7/58 (2006.01)*
- (87) **EP Publ.nr:** EP3432137  
(86) **EP søkn.nr:** 17765739.2  
(86) **EP innl.dag:** 2017.03.07  
(87) **EP publ.dag:** 2019.01.23  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.03.17, CN, 201610152995  
(86) **Int.inndag :** 2017.03.07  
(86) **Int.søknadsnr :** PCT/CN2017/075828  
(73) **Innehaver:**  
Advanced New Technologies Co., Ltd., Cayman Corporate Centre 27 Hospital RoadGeorge Town, Grand Cayman KY1-9008, KY-Cayman-øyene
- (72) **Oppfinner:**  
WEN, Jiaxiang, Alibaba Group Legal Department 5/FBuilding 3 No.969 West Wen Yi RoadYu Hang DistrictHangzhouZhejiang 311121, CN-Kina
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
RANDOM NUMBER GENERATION AND ACQUISITION METHOD AND DEVICE

- (51) **Klasse:** *G06F 16/23 (2019.01)*
- (87) **EP Publ.nr:** EP3178022  
(86) **EP søkn.nr:** 15829030.4  
(86) **EP innl.dag:** 2015.08.07  
(87) **EP publ.dag:** 2017.06.14  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2014.08.08, CN, 201410389882  
(86) **Int.inndag :** 2015.08.07  
(86) **Int.søknadsnr :** PCT/US2015/044319  
(73) **Innehaver:**  
Advanced New Technologies Co., Ltd., Cayman Corporate Centre 27 Hospital RoadGeorge Town, Grand Cayman KY1-9008, KY-Cayman-øyene
- (72) **Oppfinner:**  
ZHU, Chunmao, Alibaba Group Legal Department5/FBuilding 3No.969 West Wen Yi RoadYu Hang DistrictHangzhou 311121, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DATA STORAGE UPON DATABASE FAILURE

- (51) **Klasse:** *G06F 21/62 (2013.01)*  
*G06F 40/205 (2020.01)*
- (87) **EP Publ.nr:** EP3073409
- (86) **EP søkn.nr:** 16160821.1
- (86) **EP innl.dag:** 2016.03.17
- (87) **EP publ.dag:** 2016.09.28
- (80) **EP meddelt :** 2020.10.21
- (30) **Prioritet:** 2015.03.25, IN, 3533MU2014
- (73) **Innehaver:**  
Tata Consultancy Services Limited, Nirmal Building 9th Floor Nariman Point Mumbai 400 021 Maharashtra, IN-India
- (72) **Oppfinner:**  
VIDHANI, Kumar Mansukhlal, Tata Consultancy Services Limited Tata Research Development & Design Centre, 54-B, Hadapsar Industrial Estate, Hadapsar, 411013 Pune, Maharashtra, IN-India  
VYAS, Devangi Deveshkumar, Tata Consultancy Services Limited Tata Research Development & Design Centre, 54-B, Hadapsar Industrial Estate, Hadapsar, 411013 Pune, Maharashtra, IN-India  
JAIN, Mayur, Tata Consultancy Services Limited Tata Research Development & Design Centre, 54-B, Hadapsar Industrial Estate, Hadapsar, 411013 Pune, Maharashtra, IN-India  
BANAHATTI, Vijayanand Mahadeo, Tata Consultancy Services Limited Tata Research Development & Design Centre, 54-B, Hadapsar Industrial Estate, Hadapsar, 411013 Pune, Maharashtra, IN-India  
LODHA, Sachin Premsookh, Tata Consultancy Services Limited Tata Research Development & Design Centre, 54 Hadapsar Industrial Estate, 411013 Hadapsar, Pune, IN-India
- (74) **Fullmektig:**  
Tata Consultancy Services Limited, Nirmal Building 9th Floor, Nariman Point, 400021 MUMBAI, MAHARASHTRA, India
- (54) **Benevnelse:**  
MASKING OF DIFFERENT CONTENT TYPES

- (51) **Klasse:** *G06K 7/14 (2006.01)*  
*G06K 19/06 (2006.01)*
- (87) **EP Publ.nr:** EP3509010
- (86) **EP søkn.nr:** 17845250.4
- (86) **EP innl.dag:** 2017.08.18
- (87) **EP publ.dag:** 2019.07.10
- (80) **EP meddelt :** 2020.10.07
- (30) **Prioritet:** 2016.08.30, CN, 201610787281
- (86) **Int.inndag :** 2017.08.18
- (86) **Int.søknadsnr :** PCT/CN2017/097957
- (73) **Innehaver:**  
Advanced New Technologies Co., Ltd., Cayman Corporate Centre 27 Hospital Road George Town, Grand Cayman KY1-9008, KY-Cayman-øyene
- (72) **Oppfinner:**  
LIU, Zhengbao, Alibaba Group Legal Department 5/F Building 3 No.969 West Wen Yi Road Yu Hang District Hangzhou Zhejiang 311121, CN-Kina
- (74) **Fullmektig:**  
Advanced New Technologies Co., Ltd., Cayman Corporate Centre, 27 Hospital Road, 1-9008 GEORGE TOWN, GRAND CAYMAN, Cayman-øyene
- (54) **Benevnelse:**  
DIGITAL OBJECT UNIQUE IDENTIFIER (DOI) RECOGNITION METHOD AND DEVICE

- (51) **Klasse:** *G06Q 10/06 (2012.01)*  
*B60K 28/02 (2006.01)*  
*B60W 40/09 (2012.01)*  
*G06Q 40/08 (2012.01)*  
*G07C 5/08 (2006.01)*
- (87) **EP Publ.nr:** EP3391303
- (86) **EP søkn.nr:** 16876152.6
- (86) **EP innl.dag:** 2016.12.15
- (87) **EP publ.dag:** 2018.10.24
- (80) **EP meddelt :** 2020.12.09
- (30) **Prioritet:** 2015.12.15, SE, 1551648
- (86) **Int.inndag :** 2016.12.15
- (86) **Int.søknadsnr :** PCT/SE2016/051262
- (73) **Innehaver:**  
Greater Than SA, Avenue du Port 86C BTE 2041000 Brussels, BE-Belgia
- (72) **Oppfinner:**  
LINDELÖF, Anders, Västerleden 6139 36 Värmdö, SE-Sverige
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND SYSTEM FOR ASSESSING THE TRIP PERFORMANCE OF A DRIVER

- (51) **Klasse:** *G06T 7/55 (2017.01)*  
*H04N 13/00 (2018.01)*
- (87) **EP Publ.nr:** EP3195076
- (86) **EP søkn.nr:** 15871315.6
- (86) **EP innl.dag:** 2015.06.26
- (87) **EP publ.dag:** 2017.07.26
- (80) **EP meddelt :** 2021.01.20
- (86) **Int.inndag :** 2015.06.26
- (86) **Int.søknadsnr :** PCT/CN2015/082524
- (73) **Innehaver:**  
SZ DJI Technology Co., Ltd., 6/F Hkust SZ IER Bldg. 9, Yuexing 1st Road Hi Tech Park (south) Nanshan District Shenzhen Guangdong 518057, CN-Kina
- (72) **Oppfinner:**  
YAN, Jiaqi, 6F HKUST SZ IER Bldg.No.9 Yuexing 1st Rd.Hi-Tech Park (South)Nanshan DistrictShenzhenGuangdong 518057, CN-Kina  
ZHOU, You, 6F HKUST SZ IER Bldg.No.9 Yuexing 1st Rd.Hi-Tech Park (South)Nanshan DistrictShenzhenGuangdong 518057, CN-Kina
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
SYSTEM AND METHOD FOR SELECTING AN OPERATION MODE OF A MOBILE PLATFORM



- (51) **Klasse:** *G06T 17/00 (2006.01)*  
*G06T 17/20 (2006.01)*  
*G09B 23/28 (2006.01)*
- (87) **EP Publ.nr:** EP3427231  
(86) **EP søkn.nr:** 17708497.7  
(86) **EP innl.dag:** 2017.03.02  
(87) **EP publ.dag:** 2019.01.16  
(80) **EP meddelt :** 2020.12.02  
(30) **Prioritet:** 2016.03.10, GB, 201604155  
(86) **Int.inndag :** 2017.03.02  
(86) **Int.søknadsnr :** PCT/EP2017/054959  
(73) **Innehaver:**  
Nissin Dental Products Inc., Karahashi-Hiragki-cho  
8,Minami-ku,Kyoto 601-8469, JP-Japan
- (72) **Oppfinner:**  
VAN DEN BRABER, Niels, PO Box 1872150 AD Nieuw-  
Vennep, NL-Nederland  
DE GREEF, Mark, PO Box 1872150 AD Nieuw-Vennep,  
NL-Nederland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
MODEL GENERATION FOR DENTAL SIMULATION

- (51) **Klasse:** *H01H 71/10 (2006.01)*  
*H01H 9/24 (2006.01)*  
*H01H 71/52 (2006.01)*  
*H01H 71/12 (2006.01)*  
*H01H 71/50 (2006.01)*
- (87) **EP Publ.nr:** EP3291276  
(86) **EP søkn.nr:** 16785895.0  
(86) **EP innl.dag:** 2016.04.22  
(87) **EP publ.dag:** 2018.03.07  
(80) **EP meddelt :** 2020.11.18  
(30) **Prioritet:** 2015.04.28, CN, 201510210615  
2015.04.28, CN, 201520267674 U  
2015.04.28, CN, 201520267682 U
- (86) **Int.inndag :** 2016.04.22  
(86) **Int.søknadsnr :** PCT/CN2016/079970  
(73) **Innehaver:**  
Seari Electric Technology Co., Ltd., 505 Wuning Road  
Putuo DistrictShanghai 200063, CN-Kina  
Zhejiang Chint Electrics Co., Ltd., No.1 Chint Road Chint  
Industrial Zone North BaixiangYueqing, Zhejiang 325603,  
CN-Kina
- (72) **Oppfinner:**  
SUN, Jisheng, No. 505 Wuning RoadPutuo  
DistrictShanghai 200063, CN-Kina  
LI, Yong, No. 505 Wuning RoadPutuo DistrictShanghai  
200063, CN-Kina
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SECONDARY LATCH MECHANISM FOR OPERATING  
MECHANISM OF CIRCUIT BREAKER

- (51) **Klasse:** *H04L 29/06 (2006.01)*
- (87) **EP Publ.nr:** EP3549324  
(86) **EP søkn.nr:** 18865357.0  
(86) **EP innl.dag:** 2018.11.16  
(87) **EP publ.dag:** 2019.10.09  
(80) **EP meddelt :** 2020.10.07  
(86) **Int.inndag :** 2018.11.16  
(86) **Int.søknadsnr :** PCT/CN2018/115921  
(73) **Innehaver:**  
Advanced New Technologies Co., Ltd., Cayman Corporate  
Centre 27 Hospital RoadGeorge Town, Grand Cayman  
KY1-9008, KY-Cayman-øyene
- (72) **Oppfinner:**  
QIU, Honglin, Alibaba Group Legal Department5/F,  
Building 3No. 969 West Wen Yi Road, Yu Hang  
DistrictHangzhou, Zhejiang 311121, CN-Kina
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
A DOMAIN NAME MANAGEMENT SCHEME FOR  
CROSS-CHAIN INTERACTIONS IN BLOCKCHAIN  
SYSTEMS

- (51) **Klasse:** *H04L 29/06 (2006.01)*  
*G06F 21/36 (2013.01)*  
*G06Q 20/32 (2012.01)*  
*G06Q 30/02 (2012.01)*  
*H04L 29/08 (2006.01)*
- (87) **EP Publ.nr:** EP3553705  
(86) **EP søkn.nr:** 17878848.5  
(86) **EP innl.dag:** 2017.11.29  
(87) **EP publ.dag:** 2019.10.16  
(80) **EP meddelt :** 2020.10.07  
(30) **Prioritet:** 2016.12.08, CN, 201611121881  
(86) **Int.inndag :** 2017.11.29  
(86) **Int.søknadsnr :** PCT/CN2017/113576  
(73) **Innehaver:**  
Advanced New Technologies Co., Ltd., Cayman Corporate  
Centre 27 Hospital RoadGeorge Town, Grand Cayman  
KY1-9008, KY-Cayman-øyene
- (72) **Oppfinner:**  
CHEN, Ge, Alibaba Group Legal Department 5/F, Building  
3No.969 West Wen Yi Road, Yu Hang DistrictHangzhou,  
Zhejiang 311121, CN-Kina  
SHEN, Lingnan, Alibaba Group Legal Department 5/F,  
Building 3No.969 West Wen Yi Road, Yu Hang  
DistrictHangzhou, Zhejiang 311121, CN-Kina  
LIU, Yanghui, Alibaba Group Legal Department 5/F,  
Building 3No.969 West Wen Yi Road, Yu Hang  
DistrictHangzhou, Zhejiang 311121, CN-Kina  
QI, Jie, Alibaba Group Legal Department 5/F, Building  
3No.969 West Wen Yi Road, Yu Hang DistrictHangzhou,  
Zhejiang 311121, CN-Kina
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge
- (54) **Benevnelse:**  
SERVICE PROCESSING METHOD AND DEVICE

- (51) **Klasse:** *H04W 8/12 (2009.01)*  
(87) **EP Publ.nr:** EP3373621  
(86) **EP søkn.nr:** 17159620.8  
(86) **EP innl.dag:** 2017.03.07  
(87) **EP publ.dag:** 2018.09.12  
(80) **EP meddelt :** 2020.10.07  
(73) **Innehaver:**  
Telia Company AB, Stjärntorget 1169 94 Solna, SE-Sverige  
(72) **Oppfinner:**  
Jalkanen, Tero, Kalliopohjantie 8 B 304300 TUUSULA, FI-  
Finland  
Sarajisto, Tomi, Erik Spåren tie 5d 1600790 HELSINKI, FI-  
Finland  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
ROAMING SOLUTION
- 

- (51) **Klasse:** *H05K 7/20 (2006.01)*  
(87) **EP Publ.nr:** EP3236726  
(86) **EP søkn.nr:** 17305425.5  
(86) **EP innl.dag:** 2017.04.07  
(87) **EP publ.dag:** 2017.10.25  
(80) **EP meddelt :** 2020.10.14  
(30) **Prioritet:** 2016.04.20, US, 201662324894 P  
(73) **Innehaver:**  
CGG Services SAS, 27, Avenue Carnot91300 Massy, FR-  
Frankrike  
(72) **Oppfinner:**  
BARRAGY, Edward Joseph, C/O CGG Services SAS27,  
Avenue Carnot91300 Massy, FR-Frankrike  
OZYALCIN, Cemil, C/O CGG Services SAS27, Avenue  
Carnot91300 Massy, FR-Frankrike  
(74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118  
OSLO, Norge  
(54) **Benevnelse:**  
METHODS AND SYSTEM FOR OIL IMMERSION  
COOLING
-

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

- (51) **Klasse:** *A61L 29/08 (2006.01)*  
*A61L 31/10 (2006.01)*  
*A61N 1/375 (2006.01)*  
*C08L 39/06 (2006.01)*
- (87) **EP Publ.nr.:** EP2613819  
(86) **EP søkn.nr.:** 11767456.4  
(86) **EP innl.dag:** 2011.09.02  
(87) **EP publ.dag:** 2013.07.17  
(80) **EP meddelt :** 2018.01.10  
(30) **Prioritet:** 2010.09.08, US, 877233  
(86) **Int.inndag :** 2011.09.02  
(86) **Int.søknadsnr :** PCT/GB2011/001291  
(73) **Innehaver:**  
Biointeractions Ltd, Thames Valley Science Park, Gateway Building 1 Collegiate SquareShinfieldReadingBerkshire RG2 9LH, GB-Storbritannia
- (72) **Oppfinner:**  
SANDHU, Shivpal, S., c/o BioInteractions LtdUniversity of ReadingScience and Technology CentreEarley GateWhiteknights RoadReadingBerkshire RG6 6BZ, GB-Storbritannia  
RHODES, Alan, c/o BioInteractions LtdUniversity of ReadingScience and Technology CentreEarley GateWhiteknights RoadReadingBerkshire RG6 6BZ, GB-Storbritannia  
ONIS, Simon, Jon, c/o BioInteractions LtdUniversity of ReadingScience and Technology CentreEarley GateWhiteknights RoadReadingBerkshire RG6 6BZ, GB-Storbritannia
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
LUBRICIOUS COATINGS FOR MEDICAL DEVICES
- 
- (51) **Klasse:** *B01D 53/50 (2006.01)*  
*B01D 53/56 (2006.01)*  
*B01D 53/78 (2006.01)*  
*B01D 53/92 (2006.01)*  
*F01N 3/04 (2006.01)*  
*F01N 3/08 (2006.01)*  
*F02M 26/35 (2016.01)*  
*F02M 26/36 (2016.01)*
- (87) **EP Publ.nr.:** EP2711067  
(86) **EP søkn.nr.:** 12185840.1  
(86) **EP innl.dag:** 2012.09.25  
(87) **EP publ.dag:** 2014.03.26  
(80) **EP meddelt :** 2018.02.28  
(73) **Innehaver:**  
Alfa Laval Corporate AB, PO Box 73221 00 Lund, SE-Sverige
- (72) **Oppfinner:**  
Königsson, Staffan, Sedelvägen 20147 40 Tumba, SE-Sverige
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
COMBINED CLEANING SYSTEM AND METHOD FOR REDUCTION OF SOX AND NOX IN EXHAUST GASES FROM A COMBUSTION ENGINE
- 
- (51) **Klasse:** *C10L 10/18 (2006.01)*  
*C10L 1/222 (2006.01)*  
*C10L 1/224 (2006.01)*
- (87) **EP Publ.nr.:** EP2514807  
(86) **EP søkn.nr.:** 12175172.1  
(86) **EP innl.dag:** 2010.05.06  
(87) **EP publ.dag:** 2012.10.24  
(80) **EP meddelt :** 2018.07.11  
(30) **Prioritet:** 2009.05.15, US, 178509 P  
(73) **Innehaver:**  
The Lubrizol Corporation, 29400 Lakeland BoulevardWickliffe, OH 44092-2298, US-USA
- (72) **Oppfinner:**  
Stevenson Paul R, P.O. Box 88Belper, Derbyshire DE56 1QN, GB-Storbritannia  
Ray, James C, 29400 Lakeland BlvdWickliffe, OH Ohio 44092-2298, US-USA  
Moreton, David J, P.O. Box 88Belper, Derbyshire DE56 1QN, GB-Storbritannia  
Bush, James H, 29400 Lakeland Blvd.Wickliffe, OH Ohio 44092-2298, US-USA
- (74) **Fullmektig:**  
TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
- (54) **Benevnelse:**  
Quaternary ammonium amide salts
- 
- (51) **Klasse:** *E03D 11/14 (2006.01)*
- (87) **EP Publ.nr.:** EP2690229  
(86) **EP søkn.nr.:** 12177625.6  
(86) **EP innl.dag:** 2012.07.24  
(87) **EP publ.dag:** 2014.01.29  
(80) **EP meddelt :** 2016.11.23  
(73) **Innehaver:**  
Geberit International AG, Schachenstrasse 778645 Jona, CH-Sveits
- (72) **Oppfinner:**  
Zbinden, Dario, Leisibüelstrasse 1848708 Männedorf, CH-Sveits  
Fässler, Raphael, Blumenaustrasse 338645 Jona, CH-Sveits
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068 STAVANGER, Norge
- (54) **Benevnelse:**  
Mounting device for a sanitary fitting
- 
- (51) **Klasse:** *F16K 15/16 (2006.01)*  
*F01L 3/20 (2006.01)*  
*F04B 39/10 (2006.01)*  
*F04B 53/10 (2006.01)*
- (87) **EP Publ.nr.:** EP2496869  
(86) **EP søkn.nr.:** 10832162.1  
(86) **EP innl.dag:** 2010.11.18  
(87) **EP publ.dag:** 2012.09.12  
(80) **EP meddelt :** 2016.10.05  
(30) **Prioritet:** 2009.11.18, US, 262248 P  
(86) **Int.inndag :** 2010.11.18  
(86) **Int.søknadsnr :** PCT/US2010/057193  
(73) **Innehaver:**  
Zahroof Valves, Inc., 8615-A Jackrabbit Road,Houston, TX 77095, US-USA
- (72) **Oppfinner:**  
Zahroof, Mohamed, 16122 Crooked Lake Way NorthCypress TX 77433, US-USA
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
SYSTEMS AND METHODS FOR A REED VALVE MODULE AND VALVE ASSEMBLY



## Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

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

(11) **Patent nr.:** 332589  
(21) **Søknadsnr.:** 20110331  
(73) **Innehaver:** Multi Maritime AS, Postboks 90, 6801 FØRDE, Norge

(74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge  
**Melding innkommet patentstyret:**  
2021.02.17

(11) **Patent nr.:** 341898  
(21) **Søknadsnr.:** 20160682  
(73) **Innehaver:** STADION LAKS AS, Grovabrotet 8, 5600 NORHEIMSUND, Norge

(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.03.04

(11) **Patent nr.:** NO/EP2608758  
(21) **Søknadsnr.:** EP2608758  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2923688  
(21) **Søknadsnr.:** EP2923688  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2477603  
(21) **Søknadsnr.:** EP2477603  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2480198  
(21) **Søknadsnr.:** EP2480198  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(21) **Søknadsnr.:** 2015001  
(73) **Innehaver:** Astellas Pharma Inc, 2-5-1, Nihonbashi-Honcho, Chuo-ku, 103-8411 TOKYO, Japan

(71) **Søker:**  
Astellas Pharma Inc, 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, 103-8411 TOKYO, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.18

(11) **Patent nr.:** NO/EP2968400  
(21) **Søknadsnr.:** EP2968400  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2554160  
(21) **Søknadsnr.:** EP2554160  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2827883  
(21) **Søknadsnr.:** EP2827883  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2575762  
(21) **Søknadsnr.:** EP2575762  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan

(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2547355  
(21) **Søknadsnr:** EP2547355  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2717905  
(21) **Søknadsnr:** EP2717905  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** 328450  
(21) **Søknadsnr:** 20044305  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2632479  
(21) **Søknadsnr:** EP2632479  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2635297  
(21) **Søknadsnr:** EP2635297  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(21) **Søknadsnr:** 2019040  
(71) **Søker:** Alexion Pharmaceuticals, Inc., 121 Seaport Blvd, MA 02210 BOSTON, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.17

(11) **Patent nr.:** NO/EP2271363  
(21) **Søknadsnr:** EP2271363  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2961426  
(21) **Søknadsnr:** EP2961426  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2994160  
(21) **Søknadsnr:** EP2994160  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2318050  
(21) **Søknadsnr:** EP2318050  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2349341  
(21) **Søknadsnr:** EP2349341  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2459224  
(21) **Søknadsnr:** EP2459224  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2379096  
(21) **Søknadsnr:** EP2379096  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2349342  
(21) **Søknadsnr:** EP2349342  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2598172  
(21) **Søknadsnr:** EP2598172  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP3122404  
(21) **Søknadsnr:** EP3122404  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP3207970  
(21) **Søknadsnr:** EP3207970  
(73) **Innehaver:** Koopman International B.V., Distelweg 88, 1031HH AMSTERDAM, Nederland  
(74) **Fullmektig:** OSLO PATENTKONTOR AS, Hoffsvveien 1A, 0275 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.19

(11) **Patent nr.:** NO/EP3208059  
(21) **Søknadsnr:** EP3208059  
(73) **Innehaver:** Durieu SA, Zai la Marinier 2 bis rue Charles de Gaulle, 91072 BONDOUFLE CEDEX, Frankrike  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.17

(11) **Patent nr.:** NO/EP2800685  
(21) **Søknadsnr:** EP2800685  
(73) **Innehaver:** Large Diameter Drilling Limited, Ferryside Ferry Road, NR11SW NORWICH, Sverige  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.17

(11) **Patent nr.:** NO/EP2841347  
(21) **Søknadsnr:** EP2841347  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2817240  
(21) **Søknadsnr:** EP2817240  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2170821  
(21) **Søknadsnr:** EP2170821  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

(11) **Patent nr.:** NO/EP2268635  
(21) **Søknadsnr:** EP2268635  
(73) **Innehaver:** GPCR Therapeutics, Inc., Room 407 Nakseongdae R&D Center 38, Nakseongdae-ro, Gwanak-gu, 08790 SEOUL, Sør-Korea  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.17

(21) **Søknadsnr:** 2019042  
(73) **Innehaver:** Medivation Technologies LLC, 235 East 42nd Street, NY10017 NEW YORK, USA  
(71) **Søker:** Medivation Technologies LLC, 525 Market Street, 36th Floor, CA94105 SAN FRANCISCO, USA  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.19

(11) **Patent nr.:** NO/EP2681227  
(21) **Søknadsnr:** EP2681227  
(73) **Innehaver:** NuCana plc, 78 Cannon Street,  
EC4N6AF LONDON, Storbritannia  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvveien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2021.02.09

(11) **Patent nr.:** NO/EP2651962  
(21) **Søknadsnr:** EP2651962  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP3045467  
(21) **Søknadsnr:** EP3045467  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2970377  
(21) **Søknadsnr:** EP2970377  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2445482  
(21) **Søknadsnr:** EP2445482  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2279200  
(21) **Søknadsnr:** EP2279200  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2152735  
(21) **Søknadsnr:** EP2152735  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2563805  
(21) **Søknadsnr:** EP2563805  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2467399  
(21) **Søknadsnr:** EP2467399  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2820042  
(21) **Søknadsnr:** EP2820042  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(21) **Søknadsnr:** 2020033  
(71) **Søker:**  
Portola Pharmaceuticals, Inc., 270 East Grand Avenue,  
Suite 22, CA94080 SOUTH SAN FRANCISCO, USA  
Alexion Pharmaceuticals, Inc., 121 Seaport Blvd, MA  
02210 BOSTON, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.17

(11) **Patent nr.:** NO/EP2157177  
(21) **Søknadsnr:** EP2157177  
(73) **Innehaver:** Takeda Pharmaceutical Company  
Limited, 1-1, Doshomachi 4-chome,  
Chuo-ku, OSAKA-SHI, OSAKA, Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patent nr.:** NO/EP2240578  
(21) **Søknadsnr:** EP2240578  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

---

(11) **Patent nr.:** NO/EP2459715  
(21) **Søknadsnr:** EP2459715  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

---

(11) **Patent nr.:** NO/EP2347013  
(21) **Søknadsnr:** EP2347013  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

---

(21) **Søknadsnr:** 20120866  
(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:** 2021.02.17

---

(11) **Patent nr.:** NO/EP2710375  
(21) **Søknadsnr:** EP2710375  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

---

(11) **Patent nr.:** NO/EP2791675  
(21) **Søknadsnr:** EP2791675  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

---

(11) **Patent nr.:** NO/EP2356467  
(21) **Søknadsnr:** EP2356467  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
  
(74) **Fullmektig:** BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.16

---

(11) **Patent nr.:** NO/EP2187666  
(21) **Søknadsnr:** EP2187666  
(73) **Innehaver:** Denso Corporation, 1-1 Showa-cho, Kariya-City, 448-8661 AICHI, Japan  
  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.18

---

(11) **Patent nr.:** NO/EP2846560  
(21) **Søknadsnr:** EP2846560  
(73) **Innehaver:** Denso Corporation, 1-1 Showa-cho, Kariya-City, 448-8661 AICHI, Japan  
  
(74) **Fullmektig:** TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge  
**Melding innkommet patentstyret:** 2021.02.18

---

## Pant i patent

(51) **Klasse:** *B60C 11/24 (2006.01)*  
*B60C 11/00 (2006.01)*  
*G01M 17/02 (2006.01)*  
*H01M 6/32 (2006.01)*  
(11) **Patentnr:** 334864  
(21) **Søknadsnr:** 20120191  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Pantsetter/innehaver:**  
Fyster AS, Bjørnerudveien 24, 1266 OSLO  
**Panthaver:**  
Rolf Christian Eckhoff, Gyldenløvesgate 26A, 0260 OSLO  
**Avtale inngått:** 2021.02.15  
**Melding innkommet**  
**patentstyret:** 2021.03.01

---

(51) **Klasse:** *G01M 3/16 (2006.01)*  
*H01M 6/32 (2006.01)*  
*B60C 11/24 (2006.01)*  
(21) **Søknadsnr:** 20180811  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Pantsetter/innehaver:**  
Fyster AS, Bjørnerudveien 24, 1266 OSLO  
**Panthaver:**  
Rolf Christian Eckhoff, Gyldenløvesgate 26A, 0260 OSLO  
**Avtale inngått:** 2021.02.15  
**Melding innkommet**  
**patentstyret:** 2021.03.01

---

(51) **Klasse:** *G01N 27/04 (2006.01)*  
(21) **Søknadsnr:** 20181323  
(74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Pantsetter/innehaver:**  
Fyster AS, Bjørnerudveien 24, 1266 OSLO  
**Panthaver:**  
Rolf Christian Eckhoff, Gyldenløvesgate 26A, 0260 OSLO  
**Avtale inngått:** 2021.02.15  
**Melding innkommet**  
**patentstyret:** 2021.03.01

---



## Patent opprettholdes eller saksbehandlingen fortsetter til tross for fristoversittelse

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

- (87) **EP Publ.nr:** EP2734599  
(86) **EP søkn.nr:** 12817780.5  
(51) **Klasse:** ***B32B 15/01 (2006.01)***  
***B32B 15/18 (2006.01)***  
***E21B 33/12 (2006.01)***
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield,  
Houston, TX 77073, US
- (74) **Fullmektig:**  
BRYN AARFLOT AS , Stortingsgata 8, 0161, OSLO, NO
- (72) **Oppfinner:**  
GUEST, Randall V., 6511 Allentown Dr., Spring, Texas  
77389, US  
JOHNSON, Michael H., 6230 Clear Canyon Drive, Katy,  
Texas 77450, US  
XU, Zhiyue, 18709 N. Bee Cave Springs Circle, Cypress,  
Texas 77433, US
- (54) **Benevnelse:**  
ARTICLE FOR A SEALING SYSTEM
- 

- (87) **EP Publ.nr:** EP3152093  
(86) **EP søkn.nr:** 15736866.3  
(51) **Klasse:** ***B61D 15/00 (2006.01)***  
***E01B 29/02 (2006.01)***
- (73) **Innehaver:**  
Kolejowe Zakłady Nawierzchniowe "Biezanów", Spolka z  
o.o. Ul. Póllanki 25, 30-740 Kraków, PL
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT , Postboks 1003 Sentrum, 0104,  
OSLO, NO
- (72) **Oppfinner:**  
LISOWSKI, Edward, ul. Antyczna 20, 31-419 Kraków, PL  
KAMINSKA, Magdalena, ul. Czerwone Maki 61/31, 30-392  
Kraków, PL
- (54) **Benevnelse:**  
A HOPPER RAILWAY CAR
- 

- (87) **EP Publ.nr:** EP3186467  
(86) **EP søkn.nr:** 15836923.1  
(51) **Klasse:** ***E21B 10/02 (2006.01)***  
***E21B 25/00 (2006.01)***  
***E21B 49/02 (2006.01)***
- (73) **Innehaver:**  
Baker Hughes Holdings LLC, 17021 Aldine Westfield,  
Houston, TX 77073, US
- (74) **Fullmektig:**  
BRYN AARFLOT AS , Stortingsgata 8, 0161, OSLO, NO
- (72) **Oppfinner:**  
WESEMEIER, Christoph, Goethestrasse 22, 30169  
Hannover, DE  
UHLENBERG, Thomas, Birkenweg 14Wienhausen, 29342  
Niedersachsen, DE
- (54) **Benevnelse:**  
ACTIVATION MODULES FOR OBSTRUCTING  
ENTRANCES TO INNER BARRELS OF CORING TOOLS  
AND RELATED CORING TOOLS AND METHODS
-

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

- (21) **Søknadsnr:** 20111496
- (21) **Søknadsnr:** 20120342
- (21) **Søknadsnr:** 20170630
- (21) **Søknadsnr:** 20180586

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

Kunngjøring etter patentforskriften § 80 (nye søknader).

(21)	<b>Søknadsnr:</b>	<b>2021010</b>
(22)	<b>Inng.dag:</b>	2021.03.01
(22)	<b>Inng.dag basispatent:</b>	2009.07.10
(11)	<b>Basispatent nr:</b>	<b>345062</b>
(24)	<b>Løpedag:</b>	2007.12.11
(73)	<b>Innehaver:</b>	TerSera Therapeutics LLC
(74)	<b>Fullmektig:</b>	TANDBERG INNOVATION AS, Postboks 1570 Vika, 0118 OSLO, Norge
(95)	<b>Produkt:</b>	telostritat ethyl
(94)	<b>Gyldig t.om:</b>	01/01/0001
(92)	<b>NO markedsførings- tillatelse nr:</b>	EU/1/17/1224/001
(92)	<b>Dato for samme:</b>	2017.09.18
(54)	<b>Benevnelse:</b>	4-fenyl-6-(2,2,2-trifluor-1- fenyletoksy) pyrimidinbaserte forbindelser og anvendelse derav

---

## Endring i fullmaktsforhold

(11) **Patentnr:** 328450  
(21) **Søknadsnr:** 20044305  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2152735  
(21) **Søknadsnr:** EP2152735  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2157177  
(21) **Søknadsnr:** EP2157177  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2170821  
(21) **Søknadsnr:** EP2170821  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2268635  
(21) **Søknadsnr:** EP2268635  
(73) **Innehaver:**  
GPCR Therapeutics, Inc., Room 407 Nakseongdae R&D  
Center 38, Nakseongdae-ro, Gwanak-gu, 08790 SEOUL,  
Sør-Korea  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.17

---

(11) **Patentnr:** NO/EP2279200  
(21) **Søknadsnr:** EP2279200  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2318050  
(21) **Søknadsnr:** EP2318050  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2347013  
(21) **Søknadsnr:** EP2347013  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2349341  
(21) **Søknadsnr:** EP2349341  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2356467  
(21) **Søknadsnr:** EP2356467  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

---

(11) **Patentnr:** NO/EP2379096  
(21) **Søknadsnr:** EP2379096  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2445482  
(21) **Søknadsnr:** EP2445482  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2459224  
(21) **Søknadsnr:** EP2459224  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2467399  
(21) **Søknadsnr:** EP2467399  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2547355  
(21) **Søknadsnr:** EP2547355  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2554160  
(21) **Søknadsnr:** EP2554160  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2575762  
(21) **Søknadsnr:** EP2575762  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2608758  
(21) **Søknadsnr:** EP2608758  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2817240  
(21) **Søknadsnr:** EP2817240  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2827883  
(21) **Søknadsnr:** EP2827883  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2841347  
(21) **Søknadsnr:** EP2841347  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

(11) **Patentnr:** NO/EP2923688  
(21) **Søknadsnr:** EP2923688  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16

- (11) **Patentnr:** NO/EP2968400  
(21) **Søknadsnr:** EP2968400  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16
- 

- (11) **Patentnr:** NO/EP3122404  
(21) **Søknadsnr:** EP3122404  
(73) **Innehaver:**  
Takeda Pharmaceutical Company Limited, 1-1,  
Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA,  
Japan  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2021.02.16
- 

- (11) **Patentnr:** NO/EP3207970  
(21) **Søknadsnr:** EP3207970  
(73) **Innehaver:**  
Koopman International B.V., Distelweg 88, 1031HH  
AMSTERDAM, Nederland  
(74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvveien 1A, 0275 OSLO,  
Norge  
**Melding innkommet patentstyret:**  
2021.02.19
-