

Norsk

# patent tidende

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Norsk patenttidende er en publikasjon som inneholder kunngjøringer innenfor patentområdet

**BESØKSADRESSE**

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## Innholdsfortegnelse og inid-koder:

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### INID-koder

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

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

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

## Allment tilgjengelige patentsøknader (a)

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

(51) **Klasse:** *A01G 7/04 (2006.01)*  
 (21) **Søknadsnr:** 20210825  
 (22) **Inndag:** 2021.06.25  
 (41) **Allm.tilgj:** 2021.12.27  
 (30) **Prioritet:** 2020.06.25, NO, 20200749  
 (24) **Løpedag:** 2021.06.25  
 (71) **Søker:**  
 MOBILE LIGHTING RIG AS, Postboks 1027 Hillevåg,  
 4095 STAVANGER  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (72) **Oppfinner:**  
 Kolbjørn Sæther, Baneveien 3, 4016 STAVANGER  
 Tore Kolås, Mellomila 70, 7018 TRONDHEIM  
 (54) **Benevnelse:**  
 A lighting system and a method for improving growth  
 conditions for plants

(51) **Klasse:** *A01K 61/60 (2017.01)*  
*A01K 61/10 (2017.01)*  
 (21) **Søknadsnr:** 20220037  
 (22) **Inndag:** 2022.01.11  
 (41) **Allm.tilgj:** 2020.06.22  
 (62) **Utskilt fra:** 20200945, med inndato 2020.08.31  
 (62) **Avdelt fra:** 20200945, med inndato 2020.08.31  
 (24) **Løpedag:** 2018.12.20  
 (68) **Basispatent:** 20200945, med inndato 2020.08.31  
 (71) **Søker:**  
 AKER SOLUTIONS AS, Postboks 94, 1325 LYSAKER  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (72) **Oppfinner:**  
 Bjørn Paulshus, Slettheimveien 7, 2007 KJELLER  
 Kristoffer Kjellså Jakobsen, Gaustadveien 127, 0372  
 OSLO  
 Andreas WATLE, Oscar Borgsvei 24, 1410 KOLBOTN  
 (54) **Benevnelse:**  
 FISH FARM

(51) **Klasse:** *B08B 9/043 (2006.01)*  
*E21B 37/00 (2006.01)*  
*E21B 34/14 (2006.01)*  
*E21B 41/00 (2006.01)*  
 (21) **Søknadsnr:** 20211414  
 (22) **Inndag:** 2021.11.22  
 (41) **Allm.tilgj:** 2021.11.22  
 (86) **Int.inndag:** 2019.07.02  
 (86) **Int.søknadsnr:** PCT/US2019/040383  
 (24) **Løpedag:** 2019.07.02  
 (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:**  
 Carl William Nelson, 3637 Timblerglan Rd., Apt. 5027,  
 TX75287 DALLAS, USA (US)  
 (54) **Benevnelse:**  
 A FLUID ACTIVATED ROTATIONAL CLEANING TOOL

(51) **Klasse:** *B65G 61/00 (2006.01)*  
*B65G 1/133 (2006.01)*  
*B65G 1/04 (2006.01)*  
 (21) **Søknadsnr:** 20200861  
 (22) **Inndag:** 2020.07.28  
 (41) **Allm.tilgj:** 2022.01.31  
 (24) **Løpedag:** 2020.07.28  
 (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:**  
 Product handling system

(51) **Klasse:** *C08G 18/10 (2006.01)*  
*C08G 18/32 (2006.01)*  
*C08G 18/42 (2006.01)*  
*C08G 18/44 (2006.01)*  
 (21) **Søknadsnr:** 20211385  
 (22) **Inndag:** 2021.11.18  
 (41) **Allm.tilgj:** 2021.11.18  
 (30) **Prioritet:** 2019.05.01, US, 16/400,400  
 (86) **Int.inndag:** 2020.03.26  
 (86) **Int.søknadsnr:** PCT/US2020/024848  
 (24) **Løpedag:** 2020.03.26  
 (71) **Søker:**  
 BAKER HUGHES OILFIELD OPERATIONS LLC, 17021  
 Aldine Westfield Road, TX77073 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Ping DUAN, 17021 Aldine Westfield, TX77073  
 HOUSTON, USA (US)  
 Anil SADANA, 17021 Aldine Westfield, TX 77073  
 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 POLYURETHANE CEMENTING WIPER PLUGS

Krav på norsk er innkommet 2021.11.18.

(51) **Klasse:** *E21B 7/04 (2006.01)*  
 (21) **Søknadsnr:** 20211579  
 (22) **Inndag:** 2021.12.22  
 (41) **Allm.tilgj:** 2021.12.22  
 (30) **Prioritet:** 2019.08.23, US, 62/891,051  
 (86) **Int.inndag:** 2019.12.31  
 (86) **Int.søknadsnr:** PCT/US2019/069069  
 (24) **Løpedag:** 2019.12.31  
 (71) **Søker:**  
 LANDMARK GRAPHICS CORPORATION, 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:**  
 Venugopal Devarapalli, 4002 Clear Woods Ct, TX77386 SPRING, USA (US)  
 Srinath MADASU, 11319 Briarforest Dr, TX77077 HOUSTON, USA (US)  
 Keshava Prasad RANGARJAN, 1800 Austin Parkway #509, TX77479 SUGARLAND, USA (US)  
 Shashi MADASU, 4007 Clear Woods Ct, TX77386 SPRING, USA (US)  
 (54) **Benevnelse:**  
 Wellbore Trajectory Control Using Reservoir Property Projection and Optimization

(51) **Klasse:** *E21B 17/02 (2006.01)*  
*E21B 17/06 (2006.01)*  
 (21) **Søknadsnr:** 20211404  
 (22) **Inndag:** 2021.11.19  
 (41) **Allm.tilgj:** 2021.11.19  
 (86) **Int.inndag:** 2019.06.28  
 (86) **Int.søknadsnr:** PCT/US2019/039824  
 (24) **Løpedag:** 2019.06.28  
 (71) **Søker:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia  
 (72) **Oppfinner:**  
 IBRAHIM EL MALLAWANY, P.O. BOX 4684, TX77210 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 CONCENTRIC DISCONNECT TOOL WITH MULTIPLE ELECTRICAL CONDUCTORS

(51) **Klasse:** *E21B 17/042 (2006.01)*  
*E21B 21/10 (2006.01)*  
*E21B 47/01 (2012.01)*  
 (21) **Søknadsnr:** 20211396  
 (22) **Inndag:** 2021.11.19  
 (41) **Allm.tilgj:** 2021.11.19  
 (30) **Prioritet:** 2019.06.30, US, 16/458,151  
 (86) **Int.inndag:** 2019.06.30  
 (86) **Int.søknadsnr:** PCT/US2019/040032  
 (24) **Løpedag:** 2019.06.30  
 (71) **Søker:**  
 Halliburton Energy Services Inc, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia  
 (72) **Oppfinner:**  
 Michael Dewayne Finke, 16033 Drifting Rose Circle, TX77429 CYPRESS, USA (US)  
 Brian David Breaux, 1720 Bevis Street, TX77008 HOUSTON, USA (US)  
 SVETOZAR D. SIMEONOV, 9757 PINE LAKE DR. APT 2061, TX77055 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 DRILLING TOOL WITH THREAD PROFILE

(51) **Klasse:** *E21B 23/00 (2006.01)*  
 (21) **Søknadsnr:** 20211377  
 (22) **Inndag:** 2021.11.16  
 (41) **Allm.tilgj:** 2021.11.16  
 (30) **Prioritet:** 2019.05.03, US, 62,842,562  
 (86) **Int.inndag:** 2020.04.30  
 (86) **Int.søknadsnr:** PCT/US2020/030813  
 (24) **Løpedag:** 2020.04.30  
 (71) **Søker:**  
 Schlumberger Technology B.V., Parkstraat 83, 2514JG HAAG, Nederland (NL)  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Josiah Dale Shearon, Schlumberger1310 Rankin Road, TX77073-4802 HOUSTON, USA (US)  
 Juraj Irsa, Schlumberger 1310 Rankin Road, TX77073-4802 HOUSTON, USA (US)  
 Patrick Virene, Schlumberger 1310 Rankin Road, TX77073-4802 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 INDEXING MECHANISMS

(51) **Klasse:** *E21B 23/01 (2006.01)*  
*E21B 43/10 (2006.01)*  
*E21B 19/00 (2006.01)*  
 (21) **Søknadsnr:** 20210917  
 (22) **Inndag:** 2021.07.20  
 (41) **Allm.tilgj:** 2022.01.24  
 (30) **Prioritet:** 2020.07.22, US, 16/936,339  
 (24) **Løpedag:** 2021.07.20  
 (71) **Søker:**  
 Baker Hughes Oilfield Operations LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Robert Pena, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)  
 Matthew Krueger, 14990 Yorktown Plaza Drive, TX77040 HOUSTON, USA (US)  
 Robert Timothy Roland, 300 Holiday Square Blvd, Suite 300, LA 70433 COVINGTON, USA (US)  
 (54) **Benevnelse:**  
 ELECTRIC SET TIEBACK ANCHOR VIA PRESSURE CYCLES

(51) **Klasse:** *E21B 23/01 (2006.01)*  
*E21B 43/10 (2006.01)*  
 (21) **Søknadsnr:** 20211415  
 (22) **Inndag:** 2021.11.22  
 (41) **Allm.tilgj:** 2021.11.22  
 (30) **Prioritet:** 2019.07.08, US, 16/505,030  
 (86) **Int.inndag:** 2019.07.08  
 (86) **Int.søknadsnr:** PCT/US2019/040853  
 (24) **Løpedag:** 2019.07.08  
 (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:**  
 Emile Edmund Sevadjan, 1720 E. Branch Hollow Drive, TX75007 CARROLLTON, USA (US)  
 Gary Lynn Hazelip, 9202 Wichitta Trl., TX75033 FRISCO, USA (US)  
 (54) **Benevnelse:**  
 EXPANDABLE HANGER WITH ANCHOR FEATURE

(51) **Klasse:** *E21B 33/12 (2006.01)*  
 (21) **Søknadsnr:** 20211419  
 (22) **Inndag:** 2021.11.22  
 (41) **Allm.tilgj:** 2021.11.22  
 (30) **Prioritet:** 2019.07.16, US, 16/513,438  
 (86) **Int.inndag:** 2019.07.16  
 (86) **Int.søknadsnr:** PCT/US2019/042074  
 (24) **Løpedag:** 2019.07.16  
 (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:**  
 Christopher Michael Pelto, 2218 Autumn Trail, TX75040  
 GARLAND, USA (US)  
 Stephen Michael Greci, 3113 Luminara Drive, TX75068  
 LITTLE ELM, USA (US)  
 (54) **Benevnelse:**  
 COMPOSITE EXPANDABLE METAL ELEMENTS WITH  
 REINFORCEMENT

(51) **Klasse:** *E21B 33/16 (2006.01)*  
*E21B 47/12 (2012.01)*  
 (21) **Søknadsnr:** 20211422  
 (22) **Inndag:** 2021.11.23  
 (41) **Allm.tilgj:** 2021.11.23  
 (30) **Prioritet:** 2019.08.02, US, 16/530,465  
 (86) **Int.inndag:** 2019.08.02  
 (86) **Int.søknadsnr:** PCT/US2019/044905  
 (24) **Løpedag:** 2019.08.02  
 (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:**  
 Paul M Osborne, 7201 E 6th Avenue Parkway, CO80220  
 DENVER, USA (US)  
 Francis Joel Pereira, 12419 Bruns Glen Lane, TX77377  
 TOMBALL, USA (US)  
 Dale Frank Hopwood, 15066 Fillmore Way, CO80602  
 THORNTON, USA (US)  
 John Singh, 3603 Scenic Valley Drive, TX77345  
 KINGWOOD, USA (US)  
 Paul Meier, 4413 Verdome Lane, TX77092 HOUSTON,  
 USA (US)  
 (54) **Benevnelse:**  
 DISTRIBUTED ACOUSTIC SENSOR WITH TRACKABLE  
 PLUG

(51) **Klasse:** *E21B 34/08 (2006.01)*  
*E21B 34/10 (2006.01)*  
*E21B 43/12 (2006.01)*  
 (21) **Søknadsnr:** 20211387  
 (22) **Inndag:** 2021.11.18  
 (41) **Allm.tilgj:** 2021.11.18  
 (86) **Int.inndag:** 2019.06.25  
 (86) **Int.søknadsnr:** PCT/US2019/038905  
 (24) **Løpedag:** 2019.06.25  
 (71) **Søker:**  
 Halliburton Energy Services Inc, 3000 N. Sam Houston  
 Parkway E., TX77032-3219 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 WITHERS & ROGERS LLP, 2 London Bridge, SE19RA  
 LONDON, Storbritannia  
 (72) **Oppfinner:**  
 Jacob Zachariah, Block 445, 09-48 Yishun Ave 11,  
 760445 SINGAPORE, Singapore (SG)  
 MAXIME PHILIPPE COFFIN, SALYAN HIGHWAY 16 KM  
 LOKBATAN SETTLEMENT, SALT LAKE BUILDING,  
 1032 BAKU, Azarbaijan (AZ)  
 (54) **Benevnelse:**  
 MULTIPLE PORT OPENING METHOD WITH SINGLE  
 PRESSURE ACTIVATION

(51) **Klasse:** *E21B 34/08 (2006.01)*  
*E21B 34/10 (2006.01)*  
*E21B 43/00 (2006.01)*  
 (21) **Søknadsnr:** 20211435  
 (22) **Inndag:** 2021.11.26  
 (41) **Allm.tilgj:** 2021.11.26  
 (30) **Prioritet:** 2019.05.29, US, 16/425,273  
 (86) **Int.inndag:** 2020.04.17  
 (86) **Int.søknadsnr:** PCT/US2020/028711  
 (24) **Løpedag:** 2020.04.17  
 (71) **Søker:**  
 BAKER HUGHES OILFIELD OPERATIONS LLC, 17021  
 Aldine Westfield Road, TX77073 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (72) **Oppfinner:**  
 Donovan Holland Brown, 17021 Aldine Westfield,  
 TX77073 HOUSTON, USA (US)  
 Keith J Murphy, 17021 Aldine Westfield, TX77073  
 HOUSTON, USA (US)  
 (54) **Benevnelse:**  
 INJECTION VALVE ARRANGEMENT WITH SWITCHED  
 BYPASS AND METHOD  
 Krav på norsk er innkommet 2021.11.26.

(51) **Klasse:** *E21B 41/00 (2006.01)*  
*E21B 44/00 (2006.01)*  
*G06Q 10/06 (2012.01)*

(21) **Søknadsnr:** 20211423  
(22) **Inndag:** 2021.11.23  
(41) **Allm.tilgj:** 2021.11.23  
(86) **Int.inndag:** 2019.08.23  
(86) **Int.søknadsnr:** PCT/US2019/048000  
(24) **Løpedag:** 2019.08.23  
(71) **Søker:**  
Landmark Graphics Corporation, 3000 N. Sam Houston  
Parkway E., TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Samuel Robello, 11306 Dawnheath Drive, TX77433  
CYPRESS, USA (US)  
Rishi Adari, 22507 Sail Harbour Court, TX77450 KATY,  
USA (US)

(54) **Benevnelse:**  
WELL OPERATION EVALUATION SYSTEMS AND  
METHODS TO ANALYZE A BROOMSTICK CHART OF A  
WELL OPERATION

(51) **Klasse:** *E21B 41/08 (2006.01)*  
*E21B 47/022 (2012.01)*  
*E02D 27/52 (2006.01)*

(21) **Søknadsnr:** 20211294  
(22) **Inndag:** 2021.10.28  
(41) **Allm.tilgj:** 2021.10.28  
(86) **Int.inndag:** 2019.04.11  
(86) **Int.søknadsnr:** PCT/NO2019/050081  
(24) **Løpedag:** 2019.04.11  
(71) **Søker:**  
EQUINOR ENERGY AS, Postboks 8500 Forus, 4035  
STAVANGER

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

(72) **Oppfinner:**  
Tore Geir Wernø, Sørboøgeilen 22, 4323 SANDNES  
Lorents Reinås, Solbjørgveien 5, 4011 STAVANGER  
Morten Sæther, Nils Kristensens gate 17, 2003  
LILLESTRØM  
Harald Sigurd Nesse, Asheimveien 127, 4312 SANDNES

(54) **Benevnelse:**  
WELL INSERT

(51) **Klasse:** *E21B 43/01 (2006.01)*  
*E21B 43/34 (2006.01)*

(21) **Søknadsnr:** 20211493  
(22) **Inndag:** 2021.12.13  
(41) **Allm.tilgj:** 2021.12.13  
(30) **Prioritet:** 2019.05.13, GB, 1906716.4  
(86) **Int.inndag:** 2020.05.13  
(86) **Int.søknadsnr:** PCT/NO2020/050121  
(24) **Løpedag:** 2020.05.13  
(71) **Søker:**  
EQUINOR ENERGY AS, Forusbeen 50, 4035  
STAVANGER

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

(72) **Oppfinner:**  
Bjørgulf Haukelidsæter Eidesen, Strandflåtveien 21, 4018  
STAVANGER  
Cecilie Gotaas Johnsen, Tverrstien 1 D, 7020  
TRONDHEIM  
Arild Samuelsen, Mjåsundvegen 17, 5518  
HAUGESUND

(54) **Benevnelse:**  
A METHOD AND SYSTEM FOR PREPARING A FLUID  
PRODUCED AT AN OFFSHORE PRODUCTION  
FACILITY FOR TRANSPORTATION

(51) **Klasse:** *E21B 43/017 (2006.01)*  
*E21B 43/013 (2006.01)*  
*F16L 1/12 (2006.01)*

(21) **Søknadsnr:** 20211293  
(22) **Inndag:** 2021.10.28  
(41) **Allm.tilgj:** 2021.10.28  
(30) **Prioritet:** 2019.05.20, GB, 1907104.2  
(86) **Int.inndag:** 2020.05.20  
(86) **Int.søknadsnr:** PCT/NO2020/050134  
(24) **Løpedag:** 2020.05.20  
(71) **Søker:**  
EQUINOR ENERGY AS, Postboks 8500 Forus, 4035  
STAVANGER

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

(72) **Oppfinner:**  
Håvar Ilstad, Sunnlandsskrenten 46 C, 7032  
TRONDHEIM  
Erik Levold, Oscar Wistingstvei 48, 7020 TRONDHEIM  
Kjell Einar Ellingsen, Snødeveien 21, 4056 TANANGER  
Bjørgulf Haukelidsæter Eidesen, Strandflåtveien 21, 4018  
STAVANGER  
Geir Endal, Hesteskoen 4, 2069 JESSHEIM

(54) **Benevnelse:**  
Direct tie-in of subsea conduits and structures

(51) **Klasse:** *E21B 43/1185 (2006.01)*  
*E21B 43/117 (2006.01)*  
*E21B 43/119 (2006.01)*

(21) **Søknadsnr:** 20211373  
(22) **Inndag:** 2021.11.15  
(41) **Allm.tilgj:** 2021.11.15  
(30) **Prioritet:** 2019.05.16, US, 62/848,856  
2020.04.16, US, 63/011,082  
(86) **Int.inndag:** 2020.05.14  
(86) **Int.søknadsnr:** PCT/US2020/032879  
(24) **Løpedag:** 2020.05.14  
(71) **Søker:**  
Schlumberger Technology B.V., Parkstraat 83, 2514JG  
HAAG, Nederland (NL)

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

(72) **Oppfinner:**  
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USA (US)  
Atsushi Nakano, Schlumberger Reservoir  
Completions14910 Airline Road, TX77583 ROSHARON,  
USA (US)  
Todd Busch, 14910 Airline Road, TX77583 ROSHARON,  
USA (US)  
Erick Lowe, 14910 Airline Road, TX 77583 ROSHARON,  
USA (US)

(54) **Benevnelse:**  
MODULAR PERFORATION TOOL

(51) **Klasse:** *E21B 43/12 (2006.01)*  
 (21) **Søknadsnr:** 20211433  
 (22) **Inndag:** 2021.11.25  
 (41) **Allm.tilgj:** 2021.11.25  
 (86) **Int.inndag:** 2019.07.02  
 (86) **Int.søknadsnr:** PCT/US2019/040334  
 (24) **Løpedag:** 2019.07.02  
 (71) **Søker:**  
 LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)  
 (74) **Fullmektig:**  
 WITHERS & ROGERS LLP, 2 London Bridge, SE19RA 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)  
 Shashi DANDE, 4007 Clear Woods Court, TX77386 SPRING, USA (US)  
 (54) **Benevnelse:**  
 MULTI-AGENT, MULTI-OBJECTIVE WELLBORE GAS-LIFT OPTIMIZATION

(51) **Klasse:** *E21B 43/38 (2006.01)*  
*E21B 47/11 (2012.01)*  
 (21) **Søknadsnr:** 20211469  
 (22) **Inndag:** 2021.12.07  
 (41) **Allm.tilgj:** 2021.12.07  
 (30) **Prioritet:** 2019.05.24, GB, 1907388.1  
 (86) **Int.inndag:** 2020.05.23  
 (86) **Int.søknadsnr:** PCT/EP2020/064348  
 (24) **Løpedag:** 2020.05.23  
 (71) **Søker:**  
 Resman AS, Strindfjordvegen 1, 7053 RANHEIM  
 (74) **Fullmektig:**  
 PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
 (72) **Oppfinner:**  
 Thomas Sperle, c/o Resman AS, Strindfjordvegen 1, 7053 RANHEIM  
 Øystein Mølstre, c/o Resman AS, Strindfjordvegen 1, 7053 RANHEIM  
 (54) **Benevnelse:**  
 A method and apparatus for quantitative multi-phase downhole surveillance

(51) **Klasse:** *E21B 44/00 (2006.01)*  
*E21B 7/04 (2006.01)*  
 (21) **Søknadsnr:** 20211401  
 (22) **Inndag:** 2021.11.19  
 (41) **Allm.tilgj:** 2021.11.19  
 (86) **Int.inndag:** 2019.07.12  
 (86) **Int.søknadsnr:** PCT/US2019/041612  
 (24) **Løpedag:** 2019.07.12  
 (71) **Søker:**  
 LANDMARK GRAPHICS CORPORATION, 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:**  
 Samuel Robello, 11306 Dawnheath Drive, TX77433 CYPRESS, USA (US)  
 Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
 Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)  
 Shashi DANDE, 4007 Clear Woods Court, TX77386 SPRING, USA (US)  
 Jeffrey Marc Yarus, 8877 Frankway Dr., TX77096 HOUSTON, USA (US)  
 Raja Vikram R Pandya, 3515 Summer Ranch Drive, TX77494 KATY, USA (US)  
 Yashas Malur Saidutta, 950 Marietta Street NW, APT 6111, GA30318 ATLANTA, USA (US)  
 (54) **Benevnelse:**  
 AUTOMATED CONCURRENT PATH PLANNING AND DRILLING PARAMETER OPTIMIZATION USING ROBOTICS

(51) **Klasse:** *E21B 44/00 (2006.01)*  
*G01V 1/48 (2006.01)*  
*G01V 3/18 (2006.01)*  
*G01V 3/38 (2006.01)*  
 (21) **Søknadsnr:** 20211405  
 (22) **Inndag:** 2021.11.19  
 (41) **Allm.tilgj:** 2021.11.19  
 (30) **Prioritet:** 2019.08.26, US, 62/891,780  
 2019.08.26, US, 62/891,782  
 (86) **Int.inndag:** 2019.12.12  
 (86) **Int.søknadsnr:** PCT/US2019/065920  
 (24) **Løpedag:** 2019.12.12  
 (71) **Søker:**  
 LANDMARK GRAPHICS CORPORATION, 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:**  
 Marc Paul Servais, 21 Bourne Road, RG87JT PANGBOURNE, READING, Storbritannia (GB)  
 (54) **Benevnelse:**  
 Performing dynamic time warping with null or missing data

(51) **Klasse:** *E21B 44/00 (2006.01)*  
*E21B 47/09 (2012.01)*  
(21) **Søknadsnr:** 20211410  
(22) **Inndag:** 2021.11.19  
(41) **Allm.tilgj:** 2021.11.19  
(30) **Prioritet:** 2019.08.22, US, 62/890,472  
(86) **Int.inndag:** 2020.01.14  
(86) **Int.søknadsnr:** PCT/US2020/013536  
(24) **Løpedag:** 2020.01.14  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 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:**  
Samuel Robello, 11306 Dawnheath Drive, TX77433 CYPRESS, USA (US)  
Vanessa Ndonhong Kemajou, 21145 Spring Plaza Drive, Apt 2403, TX77388 SPRING, USA (US)  
(54) **Benevnelse:**  
INTELLIGENT RIG STATE DETECTION AND UNCERTAINTY ANALYSIS ON REAL-TIME DRILLING PARAMETERS

(51) **Klasse:** *E21B 44/00 (2006.01)*  
(21) **Søknadsnr:** 20211411  
(22) **Inndag:** 2021.11.19  
(41) **Allm.tilgj:** 2021.11.19  
(86) **Int.inndag:** 2019.07.10  
(86) **Int.søknadsnr:** PCT/US2019/041199  
(24) **Løpedag:** 2019.07.10  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 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:**  
Keshava Prasad Rangarajan, 1800 Austin Parkway, Apt. 509, TX77479 SUGAR LAND, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)  
Shashi DANDE, 4007 Clear Woods Court, TX77386 SPRING, USA (US)  
(54) **Benevnelse:**  
MULTI-WELL DRILLING OPTIMIZATION USING ROBOTICS

(51) **Klasse:** *E21B 44/00 (2006.01)*  
(21) **Søknadsnr:** 20211527  
(22) **Inndag:** 2021.12.15  
(41) **Allm.tilgj:** 2021.12.15  
(86) **Int.inndag:** 2019.07.30  
(86) **Int.søknadsnr:** PCT/US2019/044211  
(24) **Løpedag:** 2019.07.30  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)  
(74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA LONDON, Storbritannia  
(72) **Oppfinner:**  
Samuel Robello, 3000 N. Sam Houston Parkway E, TX77032-3219 HOUSTON, USA (US)  
WENJUN HUANG, C2001 SP TOWER, TSINGHUA SCIENCE PARK, 100084 BEIJING, Kina (CN)  
(54) **Benevnelse:**  
PREDICTIVE TORQUE AND DRAG ESTIMATION FOR REAL-TIME DRILLING

(51) **Klasse:** *E21B 44/00 (2006.01)*  
(21) **Søknadsnr:** 20211583  
(22) **Inndag:** 2021.12.22  
(41) **Allm.tilgj:** 2021.12.22  
(30) **Prioritet:** 2019.09.18, US, 62/902,097  
2020.03.18, US, 16/822,944  
(86) **Int.inndag:** 2020.03.19  
(86) **Int.søknadsnr:** PCT/US2020/023531  
(24) **Løpedag:** 2020.03.19  
(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:**  
Zhijie Sun, 3000 N. Sam Houston Parkway E., TX77032 HOU, USA (US)  
Sujian Huang, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)  
(54) **Benevnelse:**  
System And Method For Mitigating Stick-Slip

(51) **Klasse:** *E21B 47/00 (2012.01)*  
*E21B 23/00 (2006.01)*  
*E21B 31/00 (2006.01)*  
(21) **Søknadsnr:** 20211425  
(22) **Inndag:** 2021.11.23  
(41) **Allm.tilgj:** 2021.11.23  
(30) **Prioritet:** 2019.08.21, US, 62/890,020  
(86) **Int.inndag:** 2019.10.30  
(86) **Int.søknadsnr:** PCT/US2019/058914  
(24) **Løpedag:** 2019.10.30  
(71) **Søker:**  
Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)  
(74) **Fullmektig:**  
Hoffmann Eitle, Harmsworth House, 13-15 Bouverie Street, EC4Y8DP LONDON, Storbritannia  
(72) **Oppfinner:**  
Samuel Robello, 11306 Dawnheath Drive, TX77433 CYPRESS, USA (US)  
Yuan Zhang, 4511 Edenderry Court, TX77459 MISSOURI CITY, USA (US)  
Vakkeyil Naveen Nair, 4212 Charles Close SW, ABT6W0Z5 EDMONTON, Canada (CA)  
(54) **Benevnelse:**  
Conveyance Deployment Systems and Methods to Deploy Conveyances

(51) **Klasse:** *E21B 47/001 (2012.01)*  
*E21B 41/08 (2006.01)*  
*E21B 47/003 (2012.01)*  
*E21B 47/08 (2012.01)*  
(21) **Søknadsnr:** 20211577  
(22) **Inndag:** 2021.12.22  
(41) **Allm.tilgj:** 2021.12.22  
(30) **Prioritet:** 2019.06.07, GB, 1908160  
(86) **Int.inndag:** 2020.06.08  
(86) **Int.søknadsnr:** PCT/NO2020/050146  
(24) **Løpedag:** 2020.06.08  
(71) **Søker:**  
Equinor Energy AS, Forusbeen 50, 4035 STAVANGER  
(74) **Fullmektig:**  
DEHNS NORDIC AS, Fornebuveien 33, 1366 LYSAKER, Norge  
(72) **Oppfinner:**  
Lorents Reinås, c/o Equinor Energy AS, Forusbeen 50, 4035 STAVANGER  
(54) **Benevnelse:**  
Well assembly monitoring



(51) **Klasse:** *E21B 47/002 (2012.01)*  
*E21B 47/26 (2012.01)*  
*G01S 15/89 (2006.01)*

(21) **Søknadsnr:** 20210747

(22) **Inndag:** 2021.06.10

(41) **Allm.tilgj:** 2021.06.10

(30) **Prioritet:** 2020.07.10, US, 16/926,200

(86) **Int.inndag:** 2020.07.31

(86) **Int.søknadsnr:** PCT/US2020/044588

(24) **Løpedag:** 2020.07.31

(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:**  
Amit Padhi, 19751 Shinnery Ridge Ct, TX77433 CYPRESS, USA (US)  
Sonal Pattnaik, 5204 Breckenridge Dr., TX77066 HOUSTON, USA (US)

(54) **Benevnelse:**  
CHANNEL DETECTION SYSTEM AND METHOD

(51) **Klasse:** *E21B 47/002 (2012.01)*  
*E21B 49/00 (2006.01)*  
*G01V 3/24 (2006.01)*

(21) **Søknadsnr:** 20211409

(22) **Inndag:** 2021.11.19

(41) **Allm.tilgj:** 2021.11.19

(30) **Prioritet:** 2019.07.08, US, 16/504,574

(86) **Int.inndag:** 2019.07.08

(86) **Int.søknadsnr:** PCT/US2019/040863

(24) **Løpedag:** 2019.07.08

(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:**  
Ruijia Wang, 987D Jurong West Street 93, #14-593, 644987 SINGAPORE, Singapore (SG)  
Wei-Bin Ewe, 208, BT Batok St 21, #05-132, 650208 SINGAPORE, Singapore (SG)

(54) **Benevnelse:**  
Pad Alignment with a Multi-Frequency-Band, Multi-Window Semblance Processing

(51) **Klasse:** *E21B 47/007 (2012.01)*  
*E21B 43/12 (2006.01)*

(21) **Søknadsnr:** 20211402

(22) **Inndag:** 2021.11.19

(41) **Allm.tilgj:** 2021.11.19

(30) **Prioritet:** 2019.08.22, US, 62/890,522

(86) **Int.inndag:** 2020.05.19

(86) **Int.søknadsnr:** PCT/US2020/033548

(24) **Løpedag:** 2020.05.19

(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 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:**  
Samuel Robello, 11306 Dawnheath Drive, TX77433 CYPRESS, USA (US)  
Adolfo Gonzales, 8218 Pine Falls Drive, TX77095 HOUSTON, USA (US)  
Jun JIANG, 4807 Mantle Drive, TX78746 AUSTIN, USA (US)  
Yongfeng Kang, 25602 Peck Meadows Ct., TX77494 KATY, USA (US)  
Zhengchun Liu, 1803 Ravenel Ln., TX77479 SUGER LAND, USA (US)  
Max O Duncan, 7910 Devlin Drive, TX77346 HUMBLE, USA (US)

(54) **Benevnelse:**  
INTEGRATED THERMAL AND STRESS ANALYSIS FOR A MULTIPLE TUBING COMPLETION WELL

(51) **Klasse:** *E21B 47/01 (2012.01)*  
*E21B 49/08 (2006.01)*

(21) **Søknadsnr:** 20211416

(22) **Inndag:** 2021.11.22

(41) **Allm.tilgj:** 2021.11.22

(86) **Int.inndag:** 2019.07.18

(86) **Int.søknadsnr:** PCT/US2019/042435

(24) **Løpedag:** 2019.07.18

(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:**  
Travis St George Ramsay, 31806 Sydney Creek Drive, TX77447 HOCKLEY, USA (US)  
Srinath Madasu, 11319 Briar Forest Drive, TX77077 HOUSTON, USA (US)  
Egidio Marotta, 629 W. 8th Street, TX77007 HOUSTON, USA (US)

(54) **Benevnelse:**  
METHOD AND SYSTEM FOR USING VIRTUAL SENSOR TO EVALUATE CHANGES IN THE FORMATION AND PERFORM MONITORING OF PHYSICAL SENSORS

(51) **Klasse:** *E21B 47/092 (2012.01)*  
*E21B 23/00 (2006.01)*  
*E21B 34/06 (2006.01)*

(21) **Søknadsnr:** 20211531  
(22) **Inndag:** 2021.12.16  
(41) **Allm.tilgj:** 2021.12.16  
(30) **Prioritet:** 2019.07.31, US, 16/528,117  
(86) **Int.inndag:** 2019.07.31  
(86) **Int.søknadsnr:** PCT/US2019/044488  
(24) **Løpedag:** 2019.07.31  
(71) **Søker:**  
Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway East, TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Michael Linley Fripp, 3826 Cemetery Hill Road, TX75007 CARROLLTON, USA (US)  
Katherine Ann Davies, 132 Kinloch Street, DD77HD CAMOUSTIE, Storbritannia (GB)  
PETER DW INGLIS, 25 KILMARON LOAN, DD53TD DUNDEE, Storbritannia (GB)

(54) **Benevnelse:**  
MAGNETIC POSITION INDICATOR

(51) **Klasse:** *E21B 47/107 (2012.01)*  
*G01V 1/46 (2006.01)*  
*G01V 1/48 (2006.01)*  
*G01V 1/50 (2006.01)*

(21) **Søknadsnr:** 20211418  
(22) **Inndag:** 2021.11.22  
(41) **Allm.tilgj:** 2021.11.22  
(86) **Int.inndag:** 2019.08.30  
(86) **Int.søknadsnr:** PCT/US2019/049207  
(24) **Løpedag:** 2019.08.30  
(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:**  
Chung Chang, 13610 Comely Lane, TX77079 HOUSTON, USA (US)  
Kristoffer Thomas Walker, 2617 Tranquil Oaks Court, TX77345 KINGWOOD, USA (US)  
John Philip Granville, 8135 Caroline Ridge Drive, TX77396 HUMBLE, USA (US)

(54) **Benevnelse:**  
METHOD AND APPARATUS FOR GEOPHYSICAL FORMATION EVALUATION MEASUREMENTS BEHIND CASING

(51) **Klasse:** *E21B 47/11 (2012.01)*  
*E21B 34/08 (2006.01)*

(21) **Søknadsnr:** 20211467  
(22) **Inndag:** 2021.12.07  
(41) **Allm.tilgj:** 2021.12.07  
(30) **Prioritet:** 2019.05.24, GB, 1907368.3  
(86) **Int.inndag:** 2020.05.23  
(86) **Int.søknadsnr:** PCT/EP2020/064347  
(24) **Løpedag:** 2020.05.23  
(71) **Søker:**  
Resman AS, Strindfjordvegen 1, 7053 RANHEIM

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

(72) **Oppfinner:**  
Thomas Sperle, c/o Resman AS, Strindfjordvegen 1, 7053 RANHEIM  
Øystein Mølstre, c/o Resman AS, Strindfjordvegen 1, 7053 RANHEIM

(54) **Benevnelse:**  
Tracer release system and method of use

(51) **Klasse:** *E21B 47/12 (2012.01)*  
*H04B 3/54 (2006.01)*  
*G01V 13/00 (2006.01)*

(21) **Søknadsnr:** 20211508  
(22) **Inndag:** 2021.12.15  
(41) **Allm.tilgj:** 2021.12.15  
(30) **Prioritet:** 2019.06.10, US, 16/436,208  
(86) **Int.inndag:** 2020.06.02  
(86) **Int.søknadsnr:** PCT/US2020/035706  
(24) **Løpedag:** 2020.06.02  
(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Rochus Rafael NOWOSIELSKI, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)  
Gerald HINRICHS, 17021 Aldine Westfield, TX 77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
TIME SYNCHRONIZATION OF BOTTOM HOLE ASSEMBLY COMPONENTS VIA POWERLINE COMMUNICATION

Krav på norsk er innkommet 2021.12.15.

(51) **Klasse:** *E21B 47/135 (2012.01)*  
*G01N 21/09 (2006.01)*  
*G01N 21/552 (2014.01)*  
*G01N 21/85 (2006.01)*

(21) **Søknadsnr:** 20211434  
(22) **Inndag:** 2021.11.26  
(41) **Allm.tilgj:** 2021.11.26  
(30) **Prioritet:** 2019.05.10, US, 62/846012  
2020.05.06, US, 16/867735  
(86) **Int.inndag:** 2020.05.11  
(86) **Int.søknadsnr:** PCT/US2020/032343  
(24) **Løpedag:** 2020.05.11  
(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Sandip Maity, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
BI-CONICAL OPTICAL SENSOR FOR OBTAINING DOWNHOLE FLUID PROPERTIES

Krav på norsk er innkommet 2021.11.26.

(51) **Klasse:** *E21B 47/18 (2012.01)*  
*E21B 43/12 (2006.01)*  
*E21B 33/12 (2006.01)*

(21) **Søknadsnr:** 20211495  
(22) **Inndag:** 2021.12.14  
(41) **Allm.tilgj:** 2021.12.14  
(30) **Prioritet:** 2019.05.22, US, 62/851,459  
(86) **Int.inndag:** 2020.05.22  
(86) **Int.søknadsnr:** PCT/US2020/034159  
(24) **Løpedag:** 2020.05.22  
(71) **Søker:**  
BAKER HUGHES OILFIELD OPERATIONS LLC, 17021 Aldine Westfield Road, TX77073 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Andreas Peter, 17021 Aldine Westfield, TX77073 HOUSTON, USA (US)

(54) **Benevnelse:**  
SYSTEM AND METHOD FOR SURFACE TO DOWNHOLE COMMUNICATION WITHOUT FLOW

Krav på norsk er innkommet 2021.12.14.

(51) **Klasse:** *E21B 49/00 (2006.01)*  
*G01V 7/06 (2006.01)*

(21) **Søknadsnr:** 20211442  
(22) **Inndag:** 2021.11.26  
(41) **Allm.tilgj:** 2021.11.26  
(86) **Int.inndag:** 2019.07.29  
(86) **Int.søknadsnr:** PCT/US2019/043835  
(24) **Løpedag:** 2019.07.29  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 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:**  
Yongchae Cho, 64 Champion Villa Drive, TX77069 HOUSTON, USA (US)  
Yang Cao, 209 Augsburg Cour, TX77046 COLLEGE STATION, USA (US)  
Yevgeniy Zagayevskiy, 21525 Spring Plaza Drive, Apt.2101, TX77388 SPRING, USA (US)  
Yuribia Patricia Munoz, 6615 Lesiker Road, TX77581 PEARLAND, USA (US)

(54) **Benevnelse:**  
GAS SATURATION DISTRIBUTION MONITORING IN HYDROCARBON RESERVOIR

(51) **Klasse:** *E21B 49/08 (2006.01)*

(21) **Søknadsnr:** 20211586  
(22) **Inndag:** 2021.12.23  
(41) **Allm.tilgj:** 2021.12.23  
(30) **Prioritet:** 2019.06.03, US, 16/430283  
(86) **Int.inndag:** 2020.06.02  
(86) **Int.søknadsnr:** PCT/US2020/035749  
(24) **Løpedag:** 2020.06.02  
(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:**  
Rocco Difoggio, 12006 Plumpoint Drive, TX77099 HOUSTON, USA (US)  
Hermanus J NIEUWOUDT, 22 Canterborough Place, TX77375 TOMBALL, USA (US)

(54) **Benevnelse:**  
Oil-Based Mud Contamination Estimate from Physical Properties

Krav på norsk er innkommet 2021.12.23.

(51) **Klasse:** *F04F 5/46 (2006.01)*  
*F04F 5/12 (2006.01)*  
*F04F 1/06 (2006.01)*  
*F04F 1/12 (2006.01)*  
*A01K 63/00 (2017.01)*  
*A01K 79/00 (2006.01)*

(21) **Søknadsnr:** 20200884  
(22) **Inndag:** 2020.08.06  
(41) **Allm.tilgj:** 2022.02.07  
(24) **Løpedag:** 2020.08.06  
(71) **Søker:**  
NORNET AS, Størhøgveien 2, 8406 SORTLAND

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

(72) **Oppfinner:**  
Ben-Tommy Eriksen, Størhøgveien 2, 8406 SORTLAND

(54) **Benevnelse:**  
A system for transporting fluid and biomass

Krav på norsk er innkommet 2021.11.01.

(51) **Klasse:** *G01N 1/40 (2006.01)*  
*G01N 31/02 (2006.01)*  
*G01N 33/28 (2006.01)*  
*E21B 49/08 (2006.01)*  
*G01N 1/10 (2006.01)*  
*G01N 1/38 (2006.01)*

(21) **Søknadsnr:** 20211181  
(22) **Inndag:** 2021.10.01  
(41) **Allm.tilgj:** 2021.10.01  
(86) **Int.inndag:** 2019.05.14  
(86) **Int.søknadsnr:** PCT/US2019/032231  
(24) **Løpedag:** 2019.05.14  
(71) **Søker:**  
HALLIBURTON ENERGY SERVICES, INC., 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Jay Paul Deville, 23703 Blakeley Trails Court, TX77386 SPRING, USA (US)  
Preston Andrew May, 20208 Southwood Oaks Drive, TX77365 PORTER, USA (US)

(54) **Benevnelse:**  
Detecting amine-based inhibitors in drilling fluids

(51) **Klasse:** *G01V 1/30 (2006.01)*  
*G01V 1/28 (2006.01)*  
*G01V 1/38 (2006.01)*

(21) **Søknadsnr:** 20220025  
(22) **Inndag:** 2022.01.07  
(41) **Allm.tilgj:** 2022.01.07  
(30) **Prioritet:** 2019.06.12, US, 62/860,334  
2020.05.22, US, 16/881,944

(86) **Int.inndag:** 2020.06.12  
(86) **Int.søknadsnr:** PCT/EP2020/066290  
(24) **Løpedag:** 2020.06.12  
(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 Tenhamn, 15375 Memorial Drive, Suite 100, TX77079 HOUSTON, USA (US)

(54) **Benevnelse:**  
LOW FREQUENCY ACQUISITION WITH TOWED STREAMERS

(51) **Klasse:** *G01V 99/00 (2009.01)*  
*G01V 1/50 (2006.01)*

(21) **Søknadsnr:** 20211421  
(22) **Inndag:** 2021.11.23  
(41) **Allm.tilgj:** 2021.11.23  
(86) **Int.inndag:** 2019.08.12  
(86) **Int.søknadsnr:** PCT/US2019/046237  
(24) **Løpedag:** 2019.08.12  
(71) **Søker:**  
Landmark Graphics Corporation, 3000 N. Sam Houston Parkway E., TX77032 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Amit Kumar, 12422 Meadow Lake Drive, TX77077 HOUSTON, USA (US)  
Ronald Glen Dusterhoft, 1902 Crescent Common Drive, TX77494 KATY, USA (US)  
Hazim H Abass, 2926 S Cedar Hollow Drive, TX77584 PEARLAND, USA (US)

(54) **Benevnelse:**  
INTEGRATED ROCK MECHANICS LABORATORY FOR PREDICTING STRESS-STRAIN BEHAVIOR

(51) **Klasse:** *G01V 99/00 (2009.01)*  
*G06F 16/29 (2019.01)*  
*G06F 16/909 (2019.01)*

(21) **Søknadsnr:** 20220027  
(22) **Inndag:** 2022.01.07  
(41) **Allm.tilgj:** 2022.01.07  
(86) **Int.inndag:** 2019.07.11  
(86) **Int.søknadsnr:** PCT/US2019/41277  
(24) **Løpedag:** 2019.07.11  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
Marcus David Michael Wiltshire, 11 Boadmarsh Close, OX120NH GROVE, WANTAGE, Storbritannia (GB)  
Duncan Charles Hay, 29 Fitzgerald Road, BS35DG BRISTOL, Storbritannia (GB)  
DOMINIC ALLAN RORKE, 1 GREENMERE, BRIGHTWELL-CUM-SOTWELL, OX100QW OXFORDSHIRE, Storbritannia (GB)

(54) **Benevnelse:**  
AUTO-GENERATED TRANSGRESSIVE SYSTEMS TRACT MAPS

(51) **Klasse:** *G06N 3/04 (2006.01)*  
*G06N 3/08 (2006.01)*  
*G06F 16/55 (2019.01)*  
*G06K 9/62 (2006.01)*

(21) **Søknadsnr:** 20211156  
(22) **Inndag:** 2021.09.27  
(41) **Allm.tilgj:** 2021.09.27  
(30) **Prioritet:** 2019.04.29, US, 62/840,198  
(86) **Int.inndag:** 2019.12.16  
(86) **Int.søknadsnr:** PCT/US2019/066621  
(24) **Løpedag:** 2019.12.16  
(71) **Søker:**  
LANDMARK GRAPHICS CORPORATION, 3000 N. Sam Houston Parkway E., TX77032-3219 HOUSTON, USA (US)

(74) **Fullmektig:**  
WITHERS & ROGERS LLP, 2 London Bridge, SE19RA 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 NEURAL NETWORK AND AUTOENCODER

## 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).

- |  |  |
|--|--|
| <p>(51) <b>Klasse:</b> <i>A61K 31/155 (2006.01)</i><br/><i>A61K 31/40 (2006.01)</i><br/><i>A61K 31/4439 (2006.01)</i><br/><i>A61K 9/20 (2006.01)</i><br/><i>A61K 9/28 (2006.01)</i><br/><i>A61P 3/10 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> 346101</p> <p>(21) <b>Søknadsnr:</b> 20200301</p> <p>(22) <b>Inng.dag:</b> 2020.03.12</p> <p>(30) <b>Prioritet:</b> 2005.09.29, US, 60/722,624</p> <p>(86) <b>Int.inng.dag:</b> 2006.09.25</p> <p>(86) <b>Int.Søknadsnr:</b> PCT/US2006/037198</p> <p>(62) <b>Avdelt fra:</b> 20082048, med inndato 2008.04.29</p> <p>(62) <b>Utskilt fra:</b> 20082048, med inndato 2008.04.29</p> <p>(24) <b>Løpedag:</b> 2006.09.25</p> <p>(41) <b>Allm.tilg.dag:</b> 2008.06.27</p> <p>(45) <b>Meddelt:</b> 2022.02.14</p> <p>(73) <b>Innehaver:</b><br/>Novartis AG, Lichtstrasse 35, 4056 BASEL, Sveits (CH)</p> <p>(74) <b>Fullmektig:</b><br/>ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b><br/>Alan Edward Royce, RR4 Box 9LE, PA18353 SAYLORSBURG, USA (US)<br/>Yatindra Joshi, 38 Walker Drive, NJ08540 PRINCETON, USA (US)<br/>Madhav Vasanthavada, 15 Minuteman Court, NJ07920 BASKING RIDGE, USA (US)<br/>Jay Parthiban Lakshman, 215 Vista Drive, NJ07927 CEDAR KNOLLS, USA (US)<br/>Wei-Qin Tong, 1 Wellington Drive, NJ07920 BASKING RIDGE, USA (US)<br/>James Kowalski, 3727 Symes Drive, NJ08502 BELLE MEAD, USA (US)</p> <p>(54) <b>Benevnelse:</b><br/>Farmasøytisk tablett eller direkte sammenpresset tablett</p> | <p>(51) <b>Klasse:</b> <i>B63B 21/00 (2006.01)</i><br/><i>B63B 21/16 (2006.01)</i><br/><i>B63B 21/22 (2006.01)</i><br/><i>B63B 21/50 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> 346098</p> <p>(21) <b>Søknadsnr:</b> 20181111</p> <p>(22) <b>Inng.dag:</b> 2018.08.24</p> <p>(24) <b>Løpedag:</b> 2018.08.24</p> <p>(41) <b>Allm.tilg.dag:</b> 2020.02.25</p> <p>(45) <b>Meddelt:</b> 2022.02.14</p> <p>(73) <b>Innehaver:</b><br/>KONGSBERG MARITIME CM AS, Postboks 1522, 6025 ÅLESUND</p> <p>(74) <b>Fullmektig:</b><br/>ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge</p> <p>(72) <b>Oppfinner:</b><br/>Tor Sævik, Postboks 1522, 6025 ÅLESUND<br/>Johnny Lorgen, Vågshaugen 4, 6270 BRATTVÅG<br/>André Larsen, Ramsvika 104, 6012 ÅLESUND<br/>Martijn de Jongh, Langereina 13, 6065 ULSTEINVIK</p> <p>(54) <b>Benevnelse:</b><br/>Mooring tensioning arrangement and a method for longitudinal cross tension of a mooring system.</p> |
| <p>(51) <b>Klasse:</b> <i>A61L 2/20 (2006.01)</i><br/><i>A61L 2/06 (2006.01)</i><br/><i>A61L 2/10 (2006.01)</i><br/><i>A61L 101/10 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> 346100</p> <p>(21) <b>Søknadsnr:</b> 20200104</p> <p>(22) <b>Inng.dag:</b> 2020.01.27</p> <p>(24) <b>Løpedag:</b> 2020.01.27</p> <p>(41) <b>Allm.tilg.dag:</b> 2021.07.28</p> <p>(45) <b>Meddelt:</b> 2022.02.14</p> <p>(73) <b>Innehaver:</b><br/>SMART CLEANER AS, v/Erling Bjørlo, Bjørlo, 6770 NORDFJORDEID</p> <p>(74) <b>Fullmektig:</b><br/>BASCK EUROPE Sp. z o.o., Szczytnicka 11, 50-382 WROCLAW, Polen</p> <p>(72) <b>Oppfinner:</b><br/>Erling Bjørlo, Bjørlo, 6770 NORDFJORDEID</p> <p>(54) <b>Benevnelse:</b><br/>HAND DISINFECTING APPARATUS AND METHOD FOR OPERATION</p>   | <p>(51) <b>Klasse:</b> <i>B65G 1/06 (2006.01)</i></p> <p>(11) <b>Patentnr:</b> 346102</p> <p>(21) <b>Søknadsnr:</b> 20200389</p> <p>(22) <b>Inng.dag:</b> 2020.03.31</p> <p>(24) <b>Løpedag:</b> 2020.03.31</p> <p>(41) <b>Allm.tilg.dag:</b> 2021.10.01</p> <p>(45) <b>Meddelt:</b> 2022.02.14</p> <p>(73) <b>Innehaver:</b><br/>Autostore Technology AS, Stokkastrandvegen 85, 5578 NEDRE VATS</p> <p>(74) <b>Fullmektig:</b><br/>ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge</p> <p>(72) <b>Oppfinner:</b><br/>Øystein Gjerdevik, Torvmyrvegen 27, 5574 SKJOLD<br/>Joakim Aleksander Myrbakken, Kirkevegen 82, 4280 SKUDENESHAVN</p> <p>(54) <b>Benevnelse:</b><br/>Robotic consolidation station</p>  |

(51) **Klasse:** *E21B 23/03 (2006.01)*  
*E21B 43/04 (2006.01)*  
*E21B 23/02 (2006.01)*

(11) **Patentnr:** 346097

(21) **Søknadsnr:** 20170142

(22) **Inng.dag:** 2017.01.30

(30) **Prioritet:** 2016.02.01, US, 15/012,623

(24) **Løpedag:** 2017.01.30

(41) **Allm.tilg.dag:** 2017.08.02

(45) **Meddelt:** 2022.02.14

(73) **Innehaver:**  
 Weatherford Technology Holdings, LLC, 2000 St. James  
 Place, TX77056 HOUSTON, USA (US)

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

(72) **Oppfinner:**  
 Jason J Brasseaux, 11909 Spencer Road, TX77041  
 HOUSTON, USA (US)  
 Brian J Ritchey, 11909 Spencer Road, TX77041  
 HOUSTON, USA (US)  
 Joshua M Hornsby, 11909 Spencer Road, TX77041  
 HOUSTON, USA (US)

(54) **Benevnelse:**  
 POSITIONING TOOL, SYSTEM, AND METHOD FOR  
 USE IN A SUBTERRANEAN WELL

(51) **Klasse:** *E21B 43/12 (2006.01)*  
*E21B 34/06 (2006.01)*  
*E21B 34/08 (2006.01)*

(11) **Patentnr:** 346099

(21) **Søknadsnr:** 20181120

(22) **Inng.dag:** 2018.08.27

(24) **Løpedag:** 2018.08.27

(41) **Allm.tilg.dag:** 2020.02.28

(45) **Meddelt:** 2022.02.14

(73) **Innehaver:**  
 INNOWELL SOLUTIONS AS, Postboks 1045, 3905  
 PORSGRUNN

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

(72) **Oppfinner:**  
 Trygve Rinde, Tårnfjellvegen 35, 3910 PORSGRUNN  
 Rune Killie, Jernbanebrygga 14 J, 3724 SKIEN

(54) **Benevnelse:**  
 A valve for closing fluid communication between a well  
 and a production string, and a method of using the valve

(51) **Klasse:** *E21B 49/00 (2006.01)*  
*G01V 1/28 (2006.01)*

(11) **Patentnr:** 346096

(21) **Søknadsnr:** 20090180

(22) **Inng.dag:** 2009.01.13

(30) **Prioritet:** 2008.01.15, US, 61/021,287  
 2009.01.08, US, 12/350,725

(24) **Løpedag:** 2009.01.13

(41) **Allm.tilg.dag:** 2009.07.16

(45) **Meddelt:** 2022.02.14

(73) **Innehaver:**  
 Logined BV, Gevers Deynootweg 61, 2586BJ S  
 GRAVENHAGE, Nederland (NL)

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

(72) **Oppfinner:**  
 Simon Bulman, 32 Merganser Drive, OX266UQ  
 BICESTER, Storbritannia (GB)  
 Martin Crick, 91 Willow Brook, OX141UL OXFORDSHIRE,  
 Storbritannia (GB)  
 Colm O'Halloran, 26 Deelish park BEAUFORT, KERRY,  
 Irland (IE)  
 Peter Wardell-Yerburgh, 85 Netherton Road, OX135LA  
 APPLETON, OXFORDSHIRE, Storbritannia (GB)

(54) **Benevnelse:**  
 Dynamisk reservoarteknikk

## Europeiske patenter (b1) med virkning i Norge

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

(51) **Klasse :** **A01G 33/00 (2006.01)**  
 (87) **EP Publ.nr:** EP3525577  
 (86) **EP søkn.nr:** 17794438.6  
 (86) **EP innl.dag:** 2017.10.12  
 (87) **EP publ.dag:** 2019.08.21  
 (80) **EP meddelt :** 2021.11.24  
 (30) **Prioritet:** 2016.10.12, NL, 2017612  
 (86) **Int.inndag :** 2017.10.12  
 (86) **Int.søknadsnr :** PCT/NL2017/050668  
 (73) **Innehaver:**  
 IHC Holland IE B.V., Molendijk 943361 EP Sliedrecht, NL-Nederland  
 (72) **Oppfinner:**  
 KERKVLIIET, Cornelis Joannes, 2408 PK Alphen aan den Rijn, NL-Nederland  
 GONÇALVES CASTRO, Maria Bernadete, 3315 DP Dordrecht, NL-Nederland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 SEEDING DEVICE FOR SEAWEED

(51) **Klasse :** **A23G 9/04 (2006.01)**  
**A23G 9/22 (2006.01)**  
**F25C 5/04 (2006.01)**  
 (87) **EP Publ.nr:** EP3755159  
 (86) **EP søkn.nr:** 18721937.3  
 (86) **EP innl.dag:** 2018.04.20  
 (87) **EP publ.dag:** 2020.12.30  
 (80) **EP meddelt :** 2021.11.03  
 (86) **Int.inndag :** 2018.04.20  
 (86) **Int.søknadsnr :** PCT/CH2018/000016  
 (73) **Innehaver:**  
 Pacotrade AG, Bundesstrasse 76300 Zug, CH-Sveits  
 (72) **Oppfinner:**  
 MANZ, Roland, 4614 Hägendorf, CH-Sveits  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 DEVICE AND METHOD FOR CRUSHING DEEP-FROZEN FOODSTUFFS PROVIDED IN BLOCK FORM

(51) **Klasse :** **A23J 3/22 (2006.01)**  
**A23C 20/02 (2021.01)**  
**A23P 10/25 (2016.01)**  
**A23P 30/10 (2016.01)**  
 (87) **EP Publ.nr:** EP3649868  
 (86) **EP søkn.nr:** 18204936.1  
 (86) **EP innl.dag:** 2018.11.07  
 (87) **EP publ.dag:** 2020.05.13  
 (80) **EP meddelt :** 2021.09.08  
 (73) **Innehaver:**  
 Hochland SE, Kemptenerstraße 1788178 Heimenkirch, DE-Tyskland  
 (72) **Oppfinner:**  
 Kuhn, Klaus, Bürgermeister-Schöttl-Str. 1383646 Bad Tölz, DE-Tyskland  
 Dold, Jasmin, Dukatenweg 385354 Freising, DE-Tyskland  
 Herrmann-Bürk, Dirk Michael, Geiselharz 40/688279 Amtzell, DE-Tyskland  
 (74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR PRODUCING A CUT-RESISTANT FOOD GEL BODY MADE FROM VEGETABLE PROTEINS, FOOD GEL BODY

(51) **Klasse :** **A23L 3/3463 (2006.01)**  
**A23B 7/154 (2006.01)**  
**A23B 7/157 (2006.01)**  
**A23B 7/158 (2006.01)**  
**A23L 3/358 (2006.01)**  
**A23L 3/3589 (2006.01)**  
**A23N 12/06 (2006.01)**  
 (87) **EP Publ.nr:** EP2895279  
 (86) **EP søkn.nr:** 13837091.1  
 (86) **EP innl.dag:** 2013.08.23  
 (87) **EP publ.dag:** 2015.07.22  
 (80) **EP meddelt :** 2021.11.17  
 (30) **Prioritet:** 2013.07.12, CL, 20322013  
 2012.09.12, US, 201213611765  
 (86) **Int.inndag :** 2013.08.23  
 (86) **Int.søknadsnr :** PCT/US2013/056414  
 (73) **Innehaver:**  
 Munger, Kewel, 786 Road 188Delano, CA 93215, US-USA  
 (72) **Oppfinner:**  
 Munger, Kewel, 786 Road 188Delano, CA 93215, US-USA  
 (74) **Fullmektig:**  
 Gotapatent AB, Box 3127, 55003 JÖNKÖPING, Sverige  
 (54) **Benevnelse:**  
 DISINFECTING, STERILIZING, AND PACKAGING READY-TO-EAT PRODUCE

- (51) **Klasse :** **A23P 20/10 (2016.01)**  
**A23L 29/00 (2016.01)**  
**A23L 33/16 (2016.01)**  
**A23P 20/18 (2016.01)**  
**C07C 59/08 (2006.01)**
- (87) **EP Publ.nr:** EP3675656  
(86) **EP søkn.nr:** 18778944.1  
(86) **EP innl.dag:** 2018.10.04  
(87) **EP publ.dag:** 2020.07.08  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2017.10.05, EP, 17194983  
(86) **Int.inndag :** 2018.10.04  
(86) **Int.søknadsnr :** PCT/EP2018/076979  
(73) **Innehaver:**  
Purac Biochem B.V., Arkelsedijk 464206 AC Gorinchem, NL-Nederland
- (72) **Oppfinner:**  
ROOZEN, Lambertus Henricus Elisabeth, 4206 AC Gorinchem, NL-Nederland  
HILHORST, Gerrit Anthon Rene, 4206 AC Gorinchem, NL-Nederland  
KUSUMAWARDANI, Heny, 3351 CL Papendrecht, NL-Nederland  
PAPAGEORGIOU, Apostolos, 4206 AC Gorinchem, NL-Nederland  
VAN DER VOORT MAARSCHALK, Kees, 6605 SK Wijchen, NL-Nederland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
LACTATE POWDER AND METHOD FOR THE PREPARATION THEREOF

- (51) **Klasse :** **A42B 3/28 (2006.01)**  
**A41D 13/002 (2006.01)**  
**A41D 13/11 (2006.01)**  
**A42B 3/04 (2006.01)**  
**A62B 17/04 (2006.01)**  
**A62B 18/00 (2006.01)**  
**A62B 18/04 (2006.01)**
- (87) **EP Publ.nr:** EP3399881  
(86) **EP søkn.nr:** 17736494.0  
(86) **EP innl.dag:** 2017.01.07  
(87) **EP publ.dag:** 2018.11.14  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2016.01.07, US, 201662275995 P  
(86) **Int.inndag :** 2017.01.07  
(86) **Int.søknadsnr :** PCT/US2017/012654  
(73) **Innehaver:**  
Thi Total Healthcare Innovation GmbH, Gewerbestrasse 49181 Feistritz im Rosental, AT-Østerrike
- (72) **Oppfinner:**  
ROSATI, Giorgio, East WindsorNJ 08512-3011, IT-Italia  
GRUBER, Paul, East WindsorNJ 08512-3011, AT-Østerrike  
NICKL, Richard, East WindsorNJ 08512-3011, AT-Østerrike  
CARGILLE, David Lee, East WindsorNJ 08512-3011, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DONNABLE BARRIER DEVICES, SYSTEMS, AND METHODS WITH TOUCHLESS CONTROL

- (51) **Klasse :** **A61B 5/00 (2006.01)**  
**A61B 5/145 (2006.01)**  
**A61B 5/1486 (2006.01)**
- (87) **EP Publ.nr:** EP3727130  
(86) **EP søkn.nr:** 18826028.5  
(86) **EP innl.dag:** 2018.12.20  
(87) **EP publ.dag:** 2020.10.28  
(80) **EP meddelt :** 2021.12.08  
(30) **Prioritet:** 2017.12.21, EP, 17209756  
(86) **Int.inndag :** 2018.12.20  
(86) **Int.søknadsnr :** PCT/EP2018/086139  
(73) **Innehaver:**  
F. Hoffmann-La Roche AG, Grenzacherstrasse 1244070 Basel, CH-Sveits
- (72) **Oppfinner:**  
KONYA, Ahmet, c/o Roche Diabetes Care GmbH Sandhofer Strasse 11668305 Mannheim, DE-Tyskland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
MEDICAL SYSTEM AND METHOD OF MANUFACTURING THEREOF

- (51) **Klasse :** **A61B 5/053 (2021.01)**  
**A61B 5/055 (2006.01)**  
**A61B 5/06 (2006.01)**
- (87) **EP Publ.nr:** EP3642743  
(86) **EP søkn.nr:** 18821318.5  
(86) **EP innl.dag:** 2018.06.19  
(87) **EP publ.dag:** 2020.04.29  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2017.06.19, US, 201762521968 P  
2017.07.24, US, 201762535970 P  
2017.07.24, US, 201762535973 P
- (86) **Int.inndag :** 2018.06.19  
(86) **Int.søknadsnr :** PCT/US2018/038334  
(73) **Innehaver:**  
Viz.ai, Inc., 855 El Camino Real, 13A-252Palo Alto, CA 94301, US-USA
- (72) **Oppfinner:**  
MANSI, Christopher, 855 El Camino Real 13A-252Palo AltoCA 94301, US-USA  
GOLAN, David, 855 El Camino Real 13A-252Palo AltoCA 94301, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
A METHOD AND SYSTEM FOR COMPUTER-AIDED TRIAGE

- (51) **Klasse :** **A61F 11/00 (2006.01)**  
**A61F 7/12 (2006.01)**  
**A61M 3/02 (2006.01)**
- (87) **EP Publ.nr:** EP3593773  
(86) **EP søkn.nr:** 18183461.5  
(86) **EP innl.dag:** 2018.07.13  
(87) **EP publ.dag:** 2020.01.15  
(80) **EP meddelt :** 2021.11.10  
(73) **Innehaver:**  
EARBREEZE GMBH, Wipplingerstraße 1/DG 11010 Wien, AT-Østerrike
- (72) **Oppfinner:**  
KURSCHEL Martin, Wipplingerstraße 1/DG 11010 Wien, AT-Østerrike
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
SPRAY HEAD FOR A DEVICE FOR PRODUCING A STREAM OF AIR IN THE OUTER EAR



(51) **Klasse :** **A61G 7/002 (2006.01)**  
**A61G 7/05 (2006.01)**  
**A61G 7/057 (2006.01)**

(87) **EP Publ.nr:** EP3530250  
(86) **EP søkn.nr:** 18210777.1  
(86) **EP innl.dag:** 2013.07.25  
(87) **EP publ.dag:** 2019.08.28  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2012.07.25, US, 201261675639 P  
(73) **Innehaver:**  
Joerns Healthcare, LLC, 5001 Joerns Drive Steven Point,  
WI 54481, US-USA

(72) **Oppfinner:**  
GUTHRIE, Brian, 3275 Vosburg St. Pasadena, CA 91107,  
US-USA

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

(54) **Benevnelse:**  
ADJUSTABLE WIDTH MATTRESS

(51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 31/728 (2006.01)**  
**A61P 27/02 (2006.01)**

(87) **EP Publ.nr:** EP3125867  
(86) **EP søkn.nr:** 15723135.8  
(86) **EP innl.dag:** 2015.04.01  
(87) **EP publ.dag:** 2017.02.08  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2014.04.02, FR, 1452929  
(86) **Int.inndag :** 2015.04.01  
(86) **Int.søknadsnr :** PCT/EP2015/057186  
(73) **Innehaver:**  
Horus Pharma, 148 avenue Georges Guynemer Cap  
Var06700 Saint-Laurent-du-Var, FR-Frankrike

(72) **Oppfinner:**  
ROULAND, Jean-François, 42 Rue Veronese F-59000 Lille,  
FR-Frankrike  
CLARET, Martine, Chemin du Bochet 9CH-1025 Saint  
Sulpice, CH-Sveits  
CLARET, Claude, Chemin du Bochet 9CH-1025 Saint  
Sulpice, CH-Sveits

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

(54) **Benevnelse:**  
HYPEROSMOLAR COMPOSITION OF HYALURONIC  
ACID

(51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 9/19 (2006.01)**  
**A61K 31/5377 (2006.01)**  
**A61K 47/20 (2006.01)**  
**A61K 47/40 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 35/02 (2006.01)**

(87) **EP Publ.nr:** EP3672571  
(86) **EP søkn.nr:** 18769793.3  
(86) **EP innl.dag:** 2018.08.20  
(87) **EP publ.dag:** 2020.07.01  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2017.08.25, US, 201762550007 P  
2018.06.07, US, 201862681720 P  
2018.07.25, US, 201862703022 P  
2018.08.20

(86) **Int.inndag :** 2018.08.20  
(86) **Int.søknadsnr :** PCT/IB2018/056281  
(73) **Innehaver:**  
Pfizer Inc., 235 East 42nd Street New York, NY 10017, US-  
USA

(72) **Oppfinner:**  
HUSSEY, James Joseph, c/o Pfizer Limited Ramsgate  
Road Sandwich Kent CT13 9NJ, GB-Storbritannia  
BRIGHT, Andrew Gilbert, c/o Pfizer Limited Ramsgate  
Road Sandwich Kent CT13 9NJ, GB-Storbritannia

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

(54) **Benevnelse:**  
PHARMACEUTICAL AQUEOUS FORMULATION  
COMPRISING 1-(4-[4-(DIMETHYLAMINO)PIPERIDIN-1-  
YL]CARBONYLPHENYL)-3-[4-(4,6-DIMORPHOLIN-4-YL-  
1,3,5-TRIAZIN-2-YL)PHENYL]UREA

(51) **Klasse :** **A61K 9/00 (2006.01)**  
**G01N 33/15 (2006.01)**

(87) **EP Publ.nr:** EP3678638  
(86) **EP søkn.nr:** 18743606.8  
(86) **EP innl.dag:** 2018.07.09  
(87) **EP publ.dag:** 2020.07.15  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2017.09.04, SE, 1751066  
(86) **Int.inndag :** 2018.07.09  
(86) **Int.søknadsnr :** PCT/SE2018/050752  
(73) **Innehaver:**  
Enphasys AB, Tallrisgatan 14741 46 Knivsta, SE-Sverige

(72) **Oppfinner:**  
BERGSTRÖM, Christel, Tallrisgatan 14741 46 Knivsta, SE-  
Sverige  
KEEMINK, Janneke, Svartbacksgatan 50B753 33 Uppsala,  
SE-Sverige

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

(54) **Benevnelse:**  
IN VITRO INTESTINAL DRUG DISPOSITION DEVICE

- (51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 31/4196 (2006.01)**  
**A61K 47/34 (2017.01)**
- (87) **EP Publ.nr:** EP3746047  
(86) **EP søkn.nr:** 19733972.4  
(86) **EP innl.dag:** 2019.06.12  
(87) **EP publ.dag:** 2020.12.09  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2018.06.12, EP, 18382413  
(86) **Int.inndag :** 2019.06.12  
(86) **Int.søknadsnr :** PCT/EP2019/065318  
(73) **Innehaver:**  
Laboratorios Farmacéuticos Rovi, S.A., C/ Julián Camarillo  
3528037 Madrid, ES-Spania
- (72) **Oppfinner:**  
FRANCO RODRÍGUEZ, Guillermo, C/ Julián Camarillo,  
3528037 Madrid, ES-Spania  
GUTIERRO ADURIZ, Ibon, C/ Julián Camarillo, 3528037  
Madrid, ES-Spania
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
INJECTABLE COMPOSITION

- (51) **Klasse :** **A61K 9/00 (2006.01)**  
**A61K 9/08 (2006.01)**  
**A61K 38/09 (2006.01)**  
**A61K 47/12 (2006.01)**  
**A61P 15/00 (2006.01)**
- (87) **EP Publ.nr:** EP3811927  
(86) **EP søkn.nr:** 20162018.4  
(86) **EP innl.dag:** 2020.03.10  
(87) **EP publ.dag:** 2021.04.28  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2019.10.24, IN, 201921043355  
(73) **Innehaver:**  
Sun Pharmaceutical Industries Ltd, Sun House, Plot N°. 201 B/1 Western Express Highway Goregoan (E)400063  
Mumbai, Maharashtra, IN-India
- (72) **Oppfinner:**  
JOSHI, Jaydip, Sun Pharmaceutical Industries LimitedNima  
Compound, near Pratham Enclave, TandaljaRoad,  
Gujarat390 012 Baroda, IN-India  
THUMMAR, Rakesh, Sun Pharmaceutical Industries  
LimitedNima Compound, near Pratham Enclave,  
TandaljaRoad, Gujarat390 012 Baroda, IN-India  
AGRAWAL, Sudeep, Sun Pharmaceutical Industries  
LimitedNima Compound, near Pratham Enclave,  
TandaljaRoad, Gujarat390 012 Baroda, IN-India  
BHOWMICK, Subhas Balaram, Sun Pharmaceutical  
Industries LimitedNima Compound, near Pratham Enclave,  
TandaljaRoad, Gujarat390 012 Baroda, IN-India  
YADAV, Arunkumar, Sun Pharmaceutical Industries  
LimitedNima Compound, near Pratham Enclave,  
TandaljaRoad, Gujarat390 012 Baroda, IN-India  
THENNATI, Rajamannar, Sun Pharmaceutical Industries  
LimitedNima Compound, near Pratham Enclave,  
TandaljaRoad, Gujarat390 012 Baroda, IN-India
- (74) **Fullmektig:**  
Sun Pharmaceutical Industries Ltd., Sun House, Plot N°. 201 B/1, Western Express Highway, Goregaon (E), 400063  
MUMBAI, MAHARASHTRA, India
- (54) **Benevnelse:**  
A STABLE PARENTERAL DOSAGE FORM OF  
CETRORELIX ACETATE

- (51) **Klasse :** **A61K 9/08 (2006.01)**  
**A61K 31/46 (2006.01)**  
**A61K 47/18 (2017.01)**  
**A61K 47/38 (2006.01)**  
**A61P 27/02 (2006.01)**
- (87) **EP Publ.nr:** EP3548000  
(86) **EP søkn.nr:** 18798073.5  
(86) **EP innl.dag:** 2018.05.10  
(87) **EP publ.dag:** 2019.10.09  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2017.05.11, US, 201762505027 P  
(86) **Int.inndag :** 2018.05.10  
(86) **Int.søknadsnr :** PCT/US2018/032017  
(73) **Innehaver:**  
Vyluma Inc., 1019 US Highway 202-206Bridgewater NJ  
08807, US-USA
- (72) **Oppfinner:**  
PURI, Navneet, 40 Still Hollow RoadLebanonNew Jersey  
08833, US-USA  
AKASAPU, Prem Sagar, 906 Rivendell WayEdisonNew  
Jersey 08817, US-USA  
MOHAMMED, Irfan A., 1719 Aspen CourtPicatawayNJ  
08854, US-USA  
SOPPIMATH, Kumaresh, 97 Autumn LaneSkillmanNew  
Jersey 08558, US-USA  
ILITCHEV, Iouri V., 21 Reed RoadHillsboroughNew Jersey  
08844, US-USA  
ZHANG, Tao, 52 Douglas DriveTowacoNew Jersey 07082,  
US-USA
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
ATROPINE PHARMACEUTICAL COMPOSITIONS

- (51) **Klasse :** **A61K 31/192 (2006.01)**  
**A61P 1/16 (2006.01)**
- (87) **EP Publ.nr:** EP3687523  
(86) **EP søkn.nr:** 18811954.9  
(86) **EP innl.dag:** 2018.09.24  
(87) **EP publ.dag:** 2020.08.05  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2017.09.26, US, 201762563395 P  
(86) **Int.inndag :** 2018.09.24  
(86) **Int.søknadsnr :** PCT/US2018/052490  
(73) **Innehaver:**  
CymaBay Therapeutics, Inc., 7575 Gateway Boulevard,  
Suite 110Newark, CA 94560, US-USA
- (72) **Oppfinner:**  
BOUDES, Pol, 152 East Delaware AvenuePenningtonNJ  
08534, US-USA  
MCWHERTER, Charles, A., c/o CymaBay Therapeutics  
Inc.7575 Gateway Blvd.Suite 110Newark, CA 94560, US-  
USA  
STEINBERG, Alexandra, S., c/o CymaBay Therapeutics  
Inc.7575 Gateway Blvd.Suite 110Newark, CA 94560, US-  
USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
TREATMENT OF CHOLESTATIC PRURITUS WITH  
SELADELPAR

(51) **Klasse :** **A61K 31/216 (2006.01)**  
**A61P 31/16 (2006.01)**

(87) **EP Publ.nr:** EP3749296  
(86) **EP søkn.nr:** 19706408.2  
(86) **EP innl.dag:** 2019.02.07  
(87) **EP publ.dag:** 2020.12.16  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2018.02.07, GB, 201801982  
(86) **Int.inndag :** 2019.02.07  
(86) **Int.søknadsnr :** PCT/EP2019/053059  
(73) **Innehaver:**  
Enzymatica AB, Ideon Science Park223 70 Lund, SE-Sverige

(72) **Oppfinner:**  
LINDBERG, Fredrik, 239 40 Falsterbo, SE-Sverige  
STHENGEL, Elisabeth, 25438 Helsingborg, SE-Sverige

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

(54) **Benevnelse:**  
ESTERS OF HYDROXY-BENZOIC ACIDS FOR USE IN THE TREATMENT OF RHINOVIRUS

(51) **Klasse :** **A61K 31/353 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 35/00 (2006.01)**  
**A61P 43/00 (2006.01)**

(87) **EP Publ.nr:** EP3482760  
(86) **EP søkn.nr:** 17824314.3  
(86) **EP innl.dag:** 2017.07.06  
(87) **EP publ.dag:** 2019.05.15  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2016.07.07, US, 201662359504 P  
(86) **Int.inndag :** 2017.07.06  
(86) **Int.søknadsnr :** PCT/JP2017/024753  
(73) **Innehaver:**  
Ono Pharmaceutical Co., Ltd., 1-5, Doshomachi 2-chome Chuo-kuOsaka-shi, Osaka 541-8526, JP-Japan

(72) **Oppfinner:**  
YOSHIDA, Takao, Mishima-gunOsaka 618-8585, JP-Japan  
SHOYAMA, Akiko, Mishima-gunOsaka 618-8585, JP-Japan  
TAKANO, Hirotsugu, Mishima-gunOsaka 618-8585, JP-Japan

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

(54) **Benevnelse:**  
COMBINATION COMPRISING EP4 ANTAGONIST AND IMMUNE CHECKPOINT INHIBITOR

(51) **Klasse :** **A61K 31/437 (2006.01)**  
**A61K 31/00 (2006.01)**  
**A61K 31/4155 (2006.01)**  
**A61K 31/416 (2006.01)**  
**A61K 31/4468 (2006.01)**  
**A61K 31/454 (2006.01)**  
**A61K 31/4985 (2006.01)**  
**A61K 31/519 (2006.01)**  
**A61K 31/675 (2006.01)**  
**A61K 39/395 (2006.01)**  
**A61K 45/06 (2006.01)**

(87) **EP Publ.nr:** EP3179991  
(86) **EP søkn.nr:** 15757002.9  
(86) **EP innl.dag:** 2015.08.11  
(87) **EP publ.dag:** 2017.06.21  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2014.08.11, US, 201462035795 P  
2014.12.05, US, 201462088240 P  
2015.02.12, US, 201562115497 P  
2015.06.17, US, 201562181160 P

(86) **Int.inndag :** 2015.08.11  
(86) **Int.søknadsnr :** PCT/IB2015/056126  
(73) **Innehaver:**  
Acerta Pharma B.V., Kloosterstraat 95349 AB Oss, NL-Nederland

(72) **Oppfinner:**  
HAMDY, Ahmed, 640 Henry Cowell DriveSanta Cruz, CA 95060, US-USA  
ROTHBAUM, Wayne, 101 Central Park WestPHCNew York, NY 10023, US-USA  
IZUMI, Raquel, 3437 Brittan AvenueSan Carlos, CA 94070, US-USA  
LANNUTTI, Brian, 627 Glencrest PlaceSolana Beach, CA 92075, US-USA  
COVEY, Todd, 3437 Brittan AvenueSan Carlos, CA 94070, US-USA  
ULRICH, Roger, 22525 SE 46th PlaceSammamish, WA 98075, US-USA  
JOHNSON, Dave, 321 High School Road NE STE D3Bainbridge Island, WA 98110-2548, US-USA  
BARF, Tjeerd, St. Luciastraat 75371 AS Ravenstein, NL-Nederland  
KAPTEIN, Allard, Marten van Rossemsingel 515301 HB Zaltbommel, NL-Nederland

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

(54) **Benevnelse:**  
THERAPEUTIC COMBINATIONS OF A BTK INHIBITOR AND A BCL-2 INHIBITOR

(51) **Klasse :** **A61K 31/496 (2006.01)**  
**A61P 25/28 (2006.01)**

(87) **EP Publ.nr:** EP3240538  
(86) **EP søkn.nr:** 17712175.3  
(86) **EP innl.dag:** 2017.03.24  
(87) **EP publ.dag:** 2017.11.08  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2016.03.25, EP, 16162490  
(86) **Int.inndag :** 2017.03.24  
(86) **Int.søknadsnr :** PCT/EP2017/057134  
(73) **Innehaver:**  
AB Science, 3, avenue George V75008 Paris, FR-Frankrike

(72) **Oppfinner:**  
MOUSSY, Alain, 22 bis passage Dauphine75006 Paris,  
FR-Frankrike  
KINET, Jean-Pierre, 62 Gleason RoadLexington,  
Massachusetts 02420, FR-Frankrike  
MANSFIELD, Colin, 1 avenue Paul Santy Bâtiment C69130  
Écully, FR-Frankrike

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

(54) **Benevnelse:**  
USE OF MASITINIB FOR TREATMENT OF AN  
AMYOTROPHIC LATERAL SCLEROSIS PATIENT  
SUBPOPULATION

(51) **Klasse :** **A61K 31/555 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61M 31/00 (2006.01)**  
**A61P 13/10 (2006.01)**  
**A61P 35/00 (2006.01)**

(87) **EP Publ.nr:** EP2890384  
(86) **EP søkn.nr:** 13765839.9  
(86) **EP innl.dag:** 2013.09.03  
(87) **EP publ.dag:** 2015.07.08  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2012.08.31, US, 201261696027 P  
(86) **Int.inndag :** 2013.09.03  
(86) **Int.søknadsnr :** PCT/US2013/057836  
(73) **Innehaver:**  
TARIS Biomedical LLC, 113 Hartwell AveLexington, MA  
02421, US-USA

(72) **Oppfinner:**  
GIESING, Dennis, Lee's Summit, Missouri 64082, US-USA

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

(54) **Benevnelse:**  
DRUG DELIVERY SYSTEMS AND METHODS FOR  
TREATMENT OF BLADDER CANCER COMPRISING  
OXALIPLATIN

(51) **Klasse :** **A61K 31/519 (2006.01)**  
**A61K 31/551 (2006.01)**  
**A61K 45/06 (2006.01)**  
**A61P 35/00 (2006.01)**

(87) **EP Publ.nr:** EP3033086  
(86) **EP søkn.nr:** 14752433.4  
(86) **EP innl.dag:** 2014.08.07  
(87) **EP publ.dag:** 2016.06.22  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2013.08.14, US, 201361865804 P  
2013.10.22, US, 201361894029 P  
(86) **Int.inndag :** 2014.08.07  
(86) **Int.søknadsnr :** PCT/IB2014/063782  
(73) **Innehaver:**  
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits

(72) **Oppfinner:**  
CHEN, Yan, c/o Novartis Institutes for BioMedicalResearch  
Inc.250 Massachusetts AvenueCambridge, Massachusetts  
02139, US-USA  
HUANG, Xizhong, c/o Novartis Institutes for  
BioMedicalResearch Inc.250 Massachusetts  
AvenueCambridge, Massachusetts 02139, US-USA  
KIM, Sunkyuu, c/o Novartis Institutes for  
BioMedicalResearch Inc.250 Massachusetts  
AvenueCambridge, Massachusetts 02139, US-USA

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

(54) **Benevnelse:**  
COMBINATION THERAPY FOR THE TREATMENT OF  
CANCER

- (51) **Klasse :** **A61K 38/00 (2006.01)**  
**A61K 39/00 (2006.01)**  
**A61K 45/06 (2006.01)**
- (87) **EP Publ.nr:** EP3672614  
(86) **EP søkn.nr:** 19731027.9  
(86) **EP innl.dag:** 2019.05.22  
(87) **EP publ.dag:** 2020.07.01  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2019.04.17, US, 201962835430 P  
2018.11.16, WO, PCT/US18/061679
- (86) **Int.inndag :** 2019.05.22  
(86) **Int.søknadsnr :** PCT/US2019/033629
- (73) **Innehaver:**  
Codiak BioSciences, Inc., 35 CambridgePark Drive, Suite 500Cambridge, MA 02140, US-USA
- (72) **Oppfinner:**  
DOOLEY, Kevin P., c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
HARRISON, Rane A., c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
XU, Ke, c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
HOUDE, Damian J., c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
HAUPT, Sonya, c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
KULMAN, John D., c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
WILLIAMS, Douglas E., c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
MCCONNELL, Russell E., c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA  
YOUNISS, Madeleine, c/o Codiak BioSciences, Inc.35 CambridgePark Drive, Suite 500Cambridge, Massachusetts 02140, US-USA
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
ENGINEERED EXTRACELLULAR VESICLES AND USES THEREOF

- (51) **Klasse :** **A61K 38/17 (2006.01)**  
**A61K 39/00 (2006.01)**  
**C07K 7/06 (2006.01)**  
**C12N 5/0783 (2010.01)**
- (87) **EP Publ.nr:** EP3456339  
(86) **EP søkn.nr:** 18201334.2  
(86) **EP innl.dag:** 2014.08.04  
(87) **EP publ.dag:** 2019.03.20  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2013.08.05, GB, 201313987  
2014.02.25, GB, 201403297  
2013.08.05, US, 201361862213 P
- (73) **Innehaver:**  
immatics biotechnologies GmbH, Paul-Ehrlich-Strasse 1572076 Tübingen, DE-Tyskland
- (72) **Oppfinner:**  
FRITSCHKE, Jens, Lärchenweg 1172144 Dusslingen, DE-Tyskland  
SINGH, Harpreet, Heckscherstraße 25a80804 München, DE-Tyskland  
SONG, Colette, Willi-Baumeister-Weg 2173760 Ostfildern, DE-Tyskland  
WALTER, Steffen, 2901 Wroxtton RoadHouston, TX Texas 77005, US-USA  
WEINSCHENK, Toni, Im Morgenrain 1573773 Aichwald, DE-Tyskland
- (74) **Fullmektig:**  
KIPA AB, Box 1065, 25110 HELSINGBORG, Sverige
- (54) **Benevnelse:**  
NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS, SUCH AS LUNG CANCER INCLUDING NSCLC

- (51) **Klasse :** **A61K 38/22 (2006.01)**  
**A61K 9/08 (2006.01)**  
**A61K 9/19 (2006.01)**  
**A61K 47/02 (2006.01)**  
**A61K 47/12 (2006.01)**  
**A61K 47/18 (2017.01)**  
**A61K 47/26 (2006.01)**  
**A61K 47/34 (2017.01)**  
**A61P 9/10 (2006.01)**  
**A61P 25/00 (2006.01)**  
**A61P 25/14 (2006.01)**  
**A61P 25/16 (2006.01)**  
**A61P 25/28 (2006.01)**
- (87) **EP Publ.nr:** EP3192524  
(86) **EP søkn.nr:** 15840062.2  
(86) **EP innl.dag:** 2015.08.27  
(87) **EP publ.dag:** 2017.07.19  
(80) **EP meddelt :** 2021.12.29  
(30) **Prioritet:** 2014.09.10, JP, 2014184475  
(86) **Int.inndag :** 2015.08.27  
(86) **Int.søknadsnr :** PCT/JP2015/074310
- (73) **Innehaver:**  
Kringle Pharma Inc., 2F Saito Biotechnology Incubator 7-7-15 Saitosagilbaraki-shi, Osaka 567-0085, JP-Japan
- (72) **Oppfinner:**  
FUKUTA, Kazuhiro, c/o KRINGLE PHARMA INC.Saito Bio Incubator 2F7-15 Saitoasagi 7-chomelbaraki-shiOsaka 567-0085, JP-Japan  
INOUE, Hayao, c/o KRINGLE PHARMA INC.Saito Bio Incubator 2F7-15 Saitoasagi 7-chomelbaraki-shiOsaka 567-0085, JP-Japan
- (74) **Fullmektig:**  
Gotapatent AB, Box 3127, 55003 JÖNKÖPING, Sverige
- (54) **Benevnelse:**  
HGF PREPARATION SUITABLE FOR TREATMENT OF NEUROLOGICAL DISORDERS

- (51) **Klasse :** **A61K 38/43 (2006.01)**  
**A61P 3/06 (2006.01)**
- (87) **EP Publ.nr:** EP3482767
- (86) **EP søkn.nr:** 18199358.5
- (86) **EP innl.dag:** 2010.08.28
- (87) **EP publ.dag:** 2019.05.15
- (80) **EP meddelt :** 2021.10.06
- (30) **Prioritet:** 2009.08.28, US, 238113 P
- (73) **Innehaver:**  
Icahn School of Medicine at Mount Sinai, One Gustave L. Levy Place New York, NY 10029, US-USA  
Genzyme Corporation, 50 Binney Street Cambridge, MA 02142, US-USA
- (72) **Oppfinner:**  
SCHUCHMAN, Edward H., 300 Lakeshore Drive Hawthorn, NJ New Jersey 07641, US-USA  
DESNICK, Robert J., 170 East 93rd Street New York, NY New York 10128, US-USA  
COX, Gerald F., 48 Avon Circle Needham, MA Massachusetts 02494, US-USA  
ANDREWS, Laura P., 32 Farm Road Bolton, MA Massachusetts 01740, US-USA  
MURRAY, James M., 42 Wachusett Circle Shrewsbury, MA Massachusetts 01545, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DOSE ESCALATION ENZYME REPLACEMENT THERAPY FOR TREATING ACID SPHINGOMYELINASE DEFICIENCY

- (51) **Klasse :** **A61K 38/45 (2006.01)**  
**A61K 31/7088 (2006.01)**
- (87) **EP Publ.nr:** EP2959005
- (86) **EP søkn.nr:** 14754545.3
- (86) **EP innl.dag:** 2014.02.22
- (87) **EP publ.dag:** 2015.12.30
- (80) **EP meddelt :** 2021.10.06
- (30) **Prioritet:** 2013.02.22, US, 201361768047 P
- (86) **Int.inndag :** 2014.02.22
- (86) **Int.søknadsnr :** PCT/US2014/017867
- (73) **Innehaver:**  
The Board of Trustees of the Leland Stanford Junior University, Office of the General Counsel Building 170, Third Floor, Main Quad P.O. Box 20386 Stanford, CA 94305-2038, US-USA
- (72) **Oppfinner:**  
RAMUNAS, John, 425 Olive Street Menlo Park, California 94025, US-USA  
YAKUBOV, Eduard, 2600 Gramercy Street 332 Houston, Texas 77030, US-USA  
BLAU, Helen M., 580 Cotton Street Menlo Park, California 94025, US-USA  
COOKE, John, Apt. 845 Arcadian Kirby 7550 Kirby Drive Houston, Texas 77030, US-USA
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge
- (54) **Benevnelse:**  
MEDICAL USE RELATING TO TELOMERE EXTENSION

- (51) **Klasse :** **A61K 39/00 (2006.01)**  
**A61P 3/06 (2006.01)**  
**C07K 16/22 (2006.01)**
- (87) **EP Publ.nr:** EP3439689
- (86) **EP søkn.nr:** 17719107.9
- (86) **EP innl.dag:** 2017.04.07
- (87) **EP publ.dag:** 2019.02.13
- (80) **EP meddelt :** 2021.10.13
- (30) **Prioritet:** 2016.04.08, US, 201662319980 P  
2017.02.01, US, 201762453110 P
- (86) **Int.inndag :** 2017.04.07
- (86) **Int.søknadsnr :** PCT/US2017/026679
- (73) **Innehaver:**  
Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road Tarrytown, NY 10591, US-USA
- (72) **Oppfinner:**  
GROMADA, Jesper, c/o Regeneron Pharmaceuticals Inc. 777 Old Saw Mill River Road Tarrytown, New York 10591, US-USA  
GUSAROVA, Viktoria, c/o Regeneron Pharmaceuticals Inc. 777 Old Saw Mill River Road Tarrytown, New York 10591, US-USA  
MURPHY, Andrew J., c/o Regeneron Pharmaceuticals Inc. 777 Old Saw Mill River Road Tarrytown, New York 10591, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
METHODS FOR TREATING HYPERLIPIDEMIA WITH AN ANGPTL8 INHIBITOR AND AN ANGPTL3 INHIBITOR

- (51) **Klasse :** **A61L 2/14 (2006.01)**  
**A61B 1/12 (2006.01)**
- (87) **EP Publ.nr:** EP3197506
- (86) **EP søkn.nr:** 15778379.6
- (86) **EP innl.dag:** 2015.09.25
- (87) **EP publ.dag:** 2017.08.02
- (80) **EP meddelt :** 2022.01.19
- (30) **Prioritet:** 2014.09.25, FR, 1459071
- (86) **Int.inndag :** 2015.09.25
- (86) **Int.søknadsnr :** PCT/FR2015/052557
- (73) **Innehaver:**  
Plasmabiotics, 116 Quai de Bezons 95106 Argenteuil Cedex, FR-Frankrike
- (72) **Oppfinner:**  
VINTELER, Daniel, 6 rue Marcel Sembat F-92130 Issy Les Moulineaux, FR-Frankrike
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
METHOD FOR DRYING THE CHANNELS OF AN ENDOSCOPE

(51) **Klasse :** *B01D 19/02 (2006.01)*  
*B01D 19/00 (2006.01)*  
*C02F 1/20 (2006.01)*

(87) **EP Publ.nr:** EP3463608  
(86) **EP søkn.nr:** 17801831.3  
(86) **EP innl.dag:** 2017.05.22  
(87) **EP publ.dag:** 2019.04.10  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2016.05.24, AU, 2016901965  
(86) **Int.inndag :** 2017.05.22  
(86) **Int.søknadsnr :** PCT/AU2017/050477  
(73) **Innehaver:**  
Glencore Technology Pty Ltd., 160 Ann Street Level  
10Brisbane, Queensland 4000, AU-Australia

(72) **Oppfinner:**  
WOODALL, Peter, 3 Ulmus StreetMount Isa, Queensland  
4825, AU-Australia  
SMITH, Daniel, 25 Balmerino DriveCarina, Queensland  
4152, AU-Australia  
SMITH, Brendan Scott, 39 Serpentine RoadO'Halloran Hill,  
SouthAustralia 5158, AU-Australia

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

(54) **Benevnelse:**  
METHOD FOR THE DE-AERATION OF FROTHS AND  
FOAMS

(51) **Klasse :** *B01D 53/26 (2006.01)*  
*B01J 20/08 (2006.01)*  
*B01J 20/10 (2006.01)*  
*B01J 20/16 (2006.01)*  
*C01B 3/58 (2006.01)*  
*C01B 13/02 (2006.01)*  
*C25B 1/04 (2021.01)*

(87) **EP Publ.nr:** EP3721972  
(86) **EP søkn.nr:** 19000282.4  
(86) **EP innl.dag:** 2019.06.11  
(87) **EP publ.dag:** 2020.10.14  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2019.04.09, DE, 202019001610 U  
(73) **Innehaver:**  
SILICA Verfahrenstechnik GmbH, Wittestr. 2413509 Berlin,  
DE-Tyskland

(72) **Oppfinner:**  
Hartbrich, Andreas, Kneippstr. 3513467 Berlin, DE-  
Tyskland  
Höhne, Gert, Veltheimstr. 2313468 Berlin, DE-Tyskland  
Jekow, Alexander, Hof 117194 Blücherhof, DE-Tyskland

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

(54) **Benevnelse:**  
METHOD AND DEVICE FOR DRYING AND CLEANING  
OF GASES CONTAINING HYDROGEN

(51) **Klasse :** *B01D 63/04 (2006.01)*  
*C02F 1/00 (2006.01)*  
*C02F 1/44 (2006.01)*

(87) **EP Publ.nr:** EP2836289  
(86) **EP søkn.nr:** 13718614.4  
(86) **EP innl.dag:** 2013.04.09  
(87) **EP publ.dag:** 2015.02.18  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2012.04.09, MY, PI2012700167  
(86) **Int.inndag :** 2013.04.09  
(86) **Int.søknadsnr :** PCT/GB2013/050907  
(73) **Innehaver:**  
Lifesaver IP Limited, Albion Works Uttoxeter  
RoadLongtonStoke-on-TrentStaffordshire ST3 1PH, GB-  
Storbritannia

(72) **Oppfinner:**  
PRITCHARD, Michael William, ColchesterEssex CO4 5PW,  
GB-Storbritannia

(74) **Fullmektig:**  
Groth & Co KB, Box 6107, 10232 STOCKHOLM, Sverige

(54) **Benevnelse:**  
CONTAINER FOR WATER AND HOLLOW FIBRE FILTER  
MODULE THEREFORE

(51) **Klasse :** *B01F 9/10 (2006.01)*  
*B01F 9/12 (2006.01)*  
*B01F 15/00 (2006.01)*  
*B01F 15/02 (2006.01)*  
*F16J 15/00 (2006.01)*  
*F16J 15/3232 (2016.01)*  
*F16J 15/34 (2006.01)*

(87) **EP Publ.nr:** EP3765184  
(86) **EP søkn.nr:** 19711335.0  
(86) **EP innl.dag:** 2019.03.14  
(87) **EP publ.dag:** 2021.01.20  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2018.03.16, DE, 102018106184  
(86) **Int.inndag :** 2019.03.14  
(86) **Int.søknadsnr :** PCT/EP2019/056413  
(73) **Innehaver:**  
Maschinenfabrik Gustav Eirich GmbH & Co KG, Walldürner  
Strasse 5074736 Hardheim, DE-Tyskland

(72) **Oppfinner:**  
SEILER, Andreas, Kurmainzring 1597941  
Tauberbischofsheim, DE-Tyskland  
MÜNDEL, Stefan, Im Kleinen Steg 1597900 Kulsheim, DE-  
Tyskland  
MATTER, Tobias, Dr. Rudolf Link Str. 4374706  
Osterburken, DE-Tyskland

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

(54) **Benevnelse:**  
MIXING DEVICE COMPRISING A SEAL

- (51) **Klasse :** **B05B 17/04 (2006.01)**  
**B41J 29/393 (2006.01)**
- (87) **EP Publ.nr:** EP2900387  
(86) **EP søkn.nr:** 13842239.9  
(86) **EP innl.dag:** 2013.09.27  
(87) **EP publ.dag:** 2015.08.05  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2012.09.28, US, 201213630318  
(86) **Int.inndag :** 2013.09.27  
(86) **Int.søknadsnr :** PCT/US2013/062304  
(73) **Innehaver:**  
University Of Connecticut, Office of Economic Development  
MC-6400 263 Farmington Avenue Farmington, Connecticut  
06030-6400, US-USA  
6K Inc., 25 Commerce Way North Andover, MA 01845, US-USA
- (72) **Oppfinner:**  
JORDAN, Eric, Storrs, CT 06268, US-USA  
REDJDAL, Makhlouf, Stoneham, Massachusetts 02180,  
US-USA  
HADIDI, Kamal, Somerville, MA 02143, US-USA
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
HIGH FREQUENCY UNIFORM DROPLET MAKER AND  
METHOD

- (51) **Klasse :** **B08B 5/04 (2006.01)**  
**A47L 9/04 (2006.01)**  
**B01D 46/00 (2006.01)**  
**B05B 3/14 (2006.01)**  
**B08B 7/02 (2006.01)**
- (87) **EP Publ.nr:** EP2834017  
(86) **EP søkn.nr:** 13714294.9  
(86) **EP innl.dag:** 2013.04.04  
(87) **EP publ.dag:** 2015.02.11  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2012.04.04, GB, 201206003  
(86) **Int.inndag :** 2013.04.04  
(86) **Int.søknadsnr :** PCT/EP2013/057136  
(73) **Innehaver:**  
MossHydro AS, Nedre Storgate 463015 Drammen Norge
- (72) **Oppfinner:**  
DALE, Jason, Chester CH1 9LS, GB-Storbritannia  
ANDERSEN, Aage, Bjørn, NO-2005 Rælingen Norge
- (74) **Fullmektig:**  
AWA NORWAY AS, Hoffsvæien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
FILTER CLEANING

- (51) **Klasse :** **B21D 5/01 (2006.01)**  
**B21D 5/02 (2006.01)**
- (87) **EP Publ.nr:** EP3370891  
(86) **EP søkn.nr:** 16790368.1  
(86) **EP innl.dag:** 2016.11.03  
(87) **EP publ.dag:** 2018.09.12  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2015.11.03, EP, 15192746  
(86) **Int.inndag :** 2016.11.03  
(86) **Int.søknadsnr :** PCT/EP2016/076509  
(73) **Innehaver:**  
SSAB Technology AB, P.O. Box 70101 21 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
TROIVE, Lars, c/o SSAB Technology AB Box 70101 21  
Stockholm, SE-Sverige
- (74) **Fullmektig:**  
Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
Frankrike
- (54) **Benevnelse:**  
BENDING METHOD

- (51) **Klasse :** **B23K 9/00 (2006.01)**  
**B23K 9/12 (2006.01)**  
**B23K 9/133 (2006.01)**  
**B23K 9/167 (2006.01)**  
**B23K 9/29 (2006.01)**
- (87) **EP Publ.nr:** EP3223989  
(86) **EP søkn.nr:** 15798474.1  
(86) **EP innl.dag:** 2015.11.25  
(87) **EP publ.dag:** 2017.10.04  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2014.11.27, IT, MI20142041  
(86) **Int.inndag :** 2015.11.25  
(86) **Int.søknadsnr :** PCT/EP2015/077592  
(73) **Innehaver:**  
Nuovo Pignone S.r.l., Via Felice Matteucci 250127  
Florence, IT-Italia
- (72) **Oppfinner:**  
CHIARI, Francescosaverio, Via Perfetti Ricasoli 1150127  
Florence, IT-Italia  
STEFANINI, Cesare, via del pretorio 1456010 Vicopisano,  
IT-Italia  
MILAZZO, Mario, via san michele 6204010 Rocca  
Massima, IT-Italia  
MAGNASCO, Marco, Via Dorsale 354100 Massa, IT-Italia  
INGLESE, Francesco, contrada Tremolizzi 5383035  
Grottaminarda, IT-Italia
- (74) **Fullmektig:**  
O3C Konsult AB, Box 6088, 17106 SOLNA, Sverige
- (54) **Benevnelse:**  
HANDLING APPARATUS FOR PERFORMING A TIG  
WELD WITH REGULATION OF SPEED OF THE FED  
WIRE, AND ARC WELDING KIT WITH SUCH  
APPARATUS



(51) **Klasse :** **B29B 17/00 (2006.01)**  
**B29B 17/02 (2006.01)**  
**B29B 17/04 (2006.01)**  
**B29K 23/00 (2006.01)**  
**B29K 50/00 (2006.01)**

(87) **EP Publ.nr:** EP3768483  
(86) **EP søkn.nr:** 20703058.6  
(86) **EP innl.dag:** 2020.02.11  
(87) **EP publ.dag:** 2021.01.27  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2019.02.12, IT, 201900002021  
(86) **Int.inndag :** 2020.02.11  
(86) **Int.søknadsnr :** PCT/EP2020/053390  
(73) **Innehaver:**  
Rialti S.p.A., Via Varese 13322020 Taino (VA), IT-Italia

(72) **Oppfinner:**  
DAL TOSO, Massimo, 21020 Taino (VA), IT-Italia  
DAL TOSO, Mattia, 21020 Taino (VA), IT-Italia

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

(54) **Benevnelse:**  
PROCESS FOR RECOVERING PLASTIC MATERIAL AND RELATED PLANT

(51) **Klasse :** **B30B 9/12 (2006.01)**

(87) **EP Publ.nr:** EP3116710  
(86) **EP søkn.nr:** 15710135.3  
(86) **EP innl.dag:** 2015.03.04  
(87) **EP publ.dag:** 2017.01.18  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2014.03.14, AT, 1862014  
(86) **Int.inndag :** 2015.03.04  
(86) **Int.søknadsnr :** PCT/EP2015/054526  
(73) **Innehaver:**  
Andritz AG, Stattegger Strasse 188045 Graz, AT-Østerrike

(72) **Oppfinner:**  
ORTNER, Peter, Guldinweg 40hA-8054 Graz, AT-Østerrike  
MAGOR, Wolfgang, Meierhöfenstrasse 23A-8062 Kumberg, AT-Østerrike

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

(54) **Benevnelse:**  
SCREW PRESS

(51) **Klasse :** **B32B 27/12 (2006.01)**  
**B32B 7/02 (2019.01)**  
**E04B 1/62 (2006.01)**

(87) **EP Publ.nr:** EP3539769  
(86) **EP søkn.nr:** 19162844.5  
(86) **EP innl.dag:** 2019.03.14  
(87) **EP publ.dag:** 2019.09.18  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2018.03.15, DE, 102018002077  
(73) **Innehaver:**  
Steinbacher Dämmstoff Gesellschaft m.b.H., Salzburger Straße 356383 Erpfendorf, AT-Østerrike

(72) **Oppfinner:**  
MARQUARDT, Jürgen, Hagenstrasse 1516928 Prizwalk, DE-Tyskland

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

(54) **Benevnelse:**  
MOISTURE SEALING WEB

(51) **Klasse :** **B60L 53/68 (2019.01)**  
**B60L 53/30 (2019.01)**  
**B60L 53/62 (2019.01)**  
**B60L 53/67 (2019.01)**  
**H02J 3/14 (2006.01)**  
**H02J 7/00 (2006.01)**  
**H02J 13/00 (2006.01)**

(87) **EP Publ.nr:** EP3710306  
(86) **EP søkn.nr:** 18804355.8  
(86) **EP innl.dag:** 2018.11.06  
(87) **EP publ.dag:** 2020.09.23  
(80) **EP meddelt :** 2021.12.29  
(30) **Prioritet:** 2017.11.15, FI, 20176024  
(86) **Int.inndag :** 2018.11.06  
(86) **Int.søknadsnr :** PCT/FI2018/050808  
(73) **Innehaver:**  
LIIKENNEVIRTA OY / VIRTA LTD, Energiakuja 300180 Helsinki, FI-Finland

(72) **Oppfinner:**  
AHTIKARI, Jussi, Nukarintie 5 J 1800730 Helsinki, FI-Finland

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

(54) **Benevnelse:**  
CONTROLLING ELECTRIC VEHICLE CHARGING CURRENTS

(51) **Klasse :** **B61D 17/04 (2006.01)**  
**B61D 17/06 (2006.01)**

(87) **EP Publ.nr:** EP3556633  
(86) **EP søkn.nr:** 19169255.7  
(86) **EP innl.dag:** 2019.04.15  
(87) **EP publ.dag:** 2019.10.23  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2018.04.18, DE, 102018109236  
(73) **Innehaver:**  
Bombardier Transportation GmbH, Eichhornstraße 310785 Berlin, DE-Tyskland

(72) **Oppfinner:**  
Heldmann, Philip, 10405 Berlin, DE-Tyskland  
Schröder, Marleen, 18209 Bad Doberan, DE-Tyskland  
Lucas, Frank, 15732 Eichwalde, DE-Tyskland  
Künzel, Thomas, 16727 Velten, DE-Tyskland  
Thron, Thomas, 10317 Berlin, DE-Tyskland

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

(54) **Benevnelse:**  
HOOD FOR A RAIL VEHICLE CAR, METHOD FOR MOUNTING AT LEAST ONE HOOD AND RAIL VEHICLE CAR WITH AT LEAST ONE HOOD

(51) **Klasse :** **B63B 21/66 (2006.01)**  
**B63B 21/50 (2006.01)**

(87) **EP Publ.nr:** EP3536598  
(86) **EP søkn.nr:** 19169947.9  
(86) **EP innl.dag:** 2013.07.03  
(87) **EP publ.dag:** 2019.09.11  
(80) **EP meddelt :** 2021.10.13  
(73) **Innehaver:**  
Equinor Energy AS, Forusbeen 504035 StavangerNorge

(72) **Oppfinner:**  
SKAUGSET, Kjetil, Kroppanmarka 143N-7075 TILLERNorge

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

(54) **Benevnelse:**  
FAIRING AND METHOD

(51) **Klasse :** **B63B 35/26 (2006.01)**  
**A01K 61/60 (2017.01)**  
**A01K 61/65 (2017.01)**  
(87) **EP Publ.nr:** EP3466254  
(86) **EP søkn.nr:** 16906963.0  
(86) **EP innl.dag:** 2016.08.31  
(87) **EP publ.dag:** 2019.04.10  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2016.06.29, CN, 201610489874  
(86) **Int.inndag :** 2016.08.31  
(86) **Int.søknadsnr :** PCT/CN2016/097456  
(73) **Innehaver:**  
Hainan Minde Ocean Development Co., Ltd, Room 202,  
Landmark - Oriental Plaza Building No. A No. 97 Binhai  
RoadHaikou, Hainan 570100, CN-Kina  
(72) **Oppfinner:**  
SUN, Yanlai, Rm. A-1-1001, No. 96 Changjiang East  
Rd.Zhongsan Dist.Dalian, Liaoning 116000, CN-Kina  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
OFFSHORE AQUACULTURE FACILITY BASED ON BULK  
CARRIER REFITTING

(51) **Klasse :** **B65B 5/06 (2006.01)**  
**B65B 5/10 (2006.01)**  
**B65B 35/36 (2006.01)**  
**B65B 35/56 (2006.01)**  
**B65B 59/00 (2006.01)**  
**B65B 63/02 (2006.01)**  
**B65B 63/04 (2006.01)**  
**B65B 65/00 (2006.01)**  
**B65B 43/52 (2006.01)**  
(87) **EP Publ.nr:** EP3663212  
(86) **EP søkn.nr:** 19213448.4  
(86) **EP innl.dag:** 2019.12.04  
(87) **EP publ.dag:** 2020.06.10  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2018.12.06, JP, 2018228876  
(73) **Innehaver:**  
ISHIDA CO., Ltd., 44, Sanno-cho, Shogoin, Sakyo-  
kuKyoto-shi,Kyoto 606-8392, JP-Japan  
(72) **Oppfinner:**  
YOKOTA, Yuji, Ritto-shi, Shiga, 520-3026, JP-Japan  
(74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
(54) **Benevnelse:**  
BAG CHAIN POSTURE CONVERTER AND CASE  
PACKER

(51) **Klasse :** **B65B 11/50 (2006.01)**  
**B65B 9/13 (2006.01)**  
**B65B 11/58 (2006.01)**  
(87) **EP Publ.nr:** EP3733534  
(86) **EP søkn.nr:** 20175272.2  
(86) **EP innl.dag:** 2016.12.21  
(87) **EP publ.dag:** 2020.11.04  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2015.12.22, DE, 102015122597  
(73) **Innehaver:**  
Gebr. Heinemann SE & Co. KG, Koreastraße 320457  
Hamburg, DE-Tyskland  
(72) **Oppfinner:**  
Koch, Thomas André, Wilhelm-Hauff-Weg 222941  
Bargteheide, DE-Tyskland  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
METHOD FOR TAMPER-PROOF SEALING OF  
PACKAGED GOODS

(51) **Klasse :** **B65G 1/04 (2006.01)**  
(87) **EP Publ.nr:** EP3288865  
(86) **EP søkn.nr:** 16785707.7  
(86) **EP innl.dag:** 2016.04.26  
(87) **EP publ.dag:** 2018.03.07  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2015.04.27, US, 201562153189 P  
(86) **Int.inndag :** 2016.04.26  
(86) **Int.søknadsnr :** PCT/CA2016/050484  
(73) **Innehaver:**  
Attabotics Inc., 7944 10 St. NE Calgary, Alberta T2E 8W1,  
CA-Canada  
(72) **Oppfinner:**  
GRAVELLE, Scott, Calgary, Alberta T3E 6B1, CA-Canada  
COWLEY, Robert Guy, Okotoks, Alberta T1S 2K8, CA-  
Canada  
WOOLF, Anthony Brian, Calgary, Alberta T3A 5Z6, CA-  
Canada  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
(54) **Benevnelse:**  
STORAGE AND RETRIEVAL SYSTEM

(51) **Klasse :** **B65G 15/64 (2006.01)**  
**B65G 39/071 (2006.01)**  
**B65G 39/16 (2006.01)**  
(87) **EP Publ.nr:** EP3374296  
(86) **EP søkn.nr:** 16865080.2  
(86) **EP innl.dag:** 2016.11.11  
(87) **EP publ.dag:** 2018.09.19  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2015.11.12, US, 201562254523 P  
(86) **Int.inndag :** 2016.11.11  
(86) **Int.søknadsnr :** PCT/US2016/061531  
(73) **Innehaver:**  
Flexible Steel Lacing Company, 2525 Wisconsin  
AvenueDowners Grove, IL 60515, US-USA  
(72) **Oppfinner:**  
DEVRIES, Brett, E., 5885 Grand Oak Drive NEComstock  
Park, Michigan 49321, US-USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
APPARATUS AND METHOD FOR TRACKING  
CONVEYOR BELTS

(51) **Klasse :** *B65G 39/04 (2006.01)*  
*A61J 7/02 (2006.01)*  
*B65G 13/02 (2006.01)*  
*B65G 13/071 (2006.01)*

(87) **EP Publ.nr:** EP3717383  
(86) **EP søkn.nr:** 18839900.0  
(86) **EP innl.dag:** 2018.11.22  
(87) **EP publ.dag:** 2020.10.07  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2017.11.30, NL, 1042664  
(86) **Int.inndag :** 2018.11.22  
(86) **Int.søknadsnr :** PCT/NL2018/050785  
(73) **Innehaver:**  
LO&T Beheer B.V., Willem Barentszstraat 7 D7825 VZ  
Emmen, NL-Nederland  
ZiuZ Holding B.V., Stationsweg 38401 DK Gorredijk, NL-  
Nederland

(72) **Oppfinner:**  
LANGEMAAT, Willem, Willem Barentszstraat 7d7825 VZ  
Emmen, NL-Nederland

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

(54) **Benevnelse:**  
DEVICE FOR DE-STACKING AND SPREADING OUT  
MEDICATION PACKAGED IN POUCHES

(51) **Klasse :** *B66D 1/30 (2006.01)*  
*B66B 15/04 (2006.01)*  
*B66D 3/04 (2006.01)*  
*F16H 55/50 (2006.01)*

(87) **EP Publ.nr:** EP3251999  
(86) **EP søkn.nr:** 17020230.3  
(86) **EP innl.dag:** 2017.05.30  
(87) **EP publ.dag:** 2017.12.06  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2016.05.30, DE, 102016006366  
(73) **Innehaver:**  
Becorit GmbH, Rumplerstrasse 6-1045659  
Recklinghausen, DE-Tyskland

(72) **Oppfinner:**  
Felder, Armin, 44357 Dortmund, DE-Tyskland

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

(54) **Benevnelse:**  
TYRE FOR A PULLEY, PULLEY AND METHOD FOR  
PRODUCING A TYRE FOR A PULLEY

(51) **Klasse :** *B67B 7/04 (2006.01)*

(87) **EP Publ.nr:** EP3375752  
(86) **EP søkn.nr:** 17305289.5  
(86) **EP innl.dag:** 2017.03.16  
(87) **EP publ.dag:** 2018.09.19  
(80) **EP meddelt :** 2021.10.13  
(73) **Innehaver:**  
LE CREUSET, 902 Rue Olivier Deguise02230 Fresnoy-le-  
Grand, FR-Frankrike

(72) **Oppfinner:**  
XIANG BIN SU, Daniel, Room 506, Building 8, Hai Wan  
Ming Zhu, XixiangTown, Bao An DistrictSHENZHEN,  
518000, CN-Kina  
VAQUER HERREROS, Luis Jesus, Cami Hort de Pau  
5143983 ALTAFULLA, ES-Spania  
ZANGRANDE, Giovanni, 9/B The Jolly House, 16 Lim Fa  
Kung Street West,Causeway Bay,Hong Kong, CN-Kina

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

(54) **Benevnelse:**  
CORKSCREW AND ASSOCIATED METHOD FOR  
EXTRACTING A CORK

(51) **Klasse :** *C04B 18/22 (2006.01)*  
*C04B 18/06 (2006.01)*  
*C04B 18/14 (2006.01)*  
*C04B 28/08 (2006.01)*  
*C04B 111/00 (2006.01)*  
*C04B 111/28 (2006.01)*  
*E04B 2/86 (2006.01)*  
*E04C 1/00 (2006.01)*  
*E04C 1/41 (2006.01)*  
*E04D 11/00 (2006.01)*  
*E04D 11/02 (2006.01)*  
*E04D 13/04 (2006.01)*  
*E04D 13/155 (2006.01)*  
*E04D 13/16 (2006.01)*

(87) **EP Publ.nr:** EP3625186  
(86) **EP søkn.nr:** 18802370.9  
(86) **EP innl.dag:** 2018.05.16  
(87) **EP publ.dag:** 2020.03.25  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2017.05.16, US, 201762506849 P  
(86) **Int.inndag :** 2018.05.16  
(86) **Int.søknadsnr :** PCT/US2018/032905  
(73) **Innehaver:**  
The Shredded Tire, Inc., 6742 N.W. 17th AvenueFort  
Lauderdale, FL 33309, US-USA

(72) **Oppfinner:**  
SPREEN, Richard, 6742 N.W. 17th AvenueFort  
Lauderdale, Florida 33309, US-USA

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

(54) **Benevnelse:**  
ENVIRONMENTALLY RESPONSIBLE INSULATING  
CONSTRUCTION BLOCKS AND STRUCTURES

- (51) **Klasse :** C07C 69/587 (2006.01)  
A61K 31/20 (2006.01)  
A61K 31/202 (2006.01)  
A61K 31/232 (2006.01)  
A61K 35/12 (2015.01)  
A61K 35/56 (2015.01)  
A61K 35/60 (2006.01)  
A61K 35/66 (2015.01)  
A61P 3/02 (2006.01)  
C07C 67/54 (2006.01)  
C07C 67/56 (2006.01)
- (87) **EP Publ.nr:** EP2851361  
(86) **EP søkn.nr:** 13790465.2  
(86) **EP innl.dag:** 2013.05.14  
(87) **EP publ.dag:** 2015.03.25  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2012.05.14, JP, 20121110809  
(86) **Int.inndag :** 2013.05.14  
(86) **Int.søknadsnr :** PCT/JP2013/063425  
(73) **Innehaver:**  
NIPPON SUISAN KAISHA, LTD., 3-1, Nishi-shimbashi 1-chomeMinato-kuTokyo105-8676, JP-Japan
- (72) **Oppfinner:**  
DOISAKI, Nobushige, c/o Nippon Suisan Kaisha, Ltd., Central Research Laboratory, 32-3, Nanakuni 1-chomeHachioji-shiTokyo192-0991, JP-Japan  
HATA, Kazuhiko, c/o Nippon Suisan Kaisha, Ltd. Fine Chemicals General Plant18-2Higashi-FukashibaKamisu-shilbaraki3140103, JP-Japan  
TOKIWA, Shinji, c/o Nippon Suisan Kaisha, Ltd. Fine Chemicals General Plant18-2Higashi-FukashibaKamisu-shilbaraki3140103, JP-Japan  
MATSUSHIMA, Kazunori, c/o Nippon Suisan Kaisha, Ltd. 6-2Otemachi 2-chomeChiyoda-kuTokyo1008686, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HIGHLY UNSATURATED FATTY ACID OR HIGHLY UNSATURATED FATTY ACID ETHYL ESTER WITH REDUCED ENVIRONMENTAL POLLUTANTS, AND METHOD FOR PRODUCING SAME

- (51) **Klasse :** C07D 231/12 (2006.01)  
C07D 233/64 (2006.01)  
C07D 249/06 (2006.01)  
C07D 249/08 (2006.01)  
C07D 261/08 (2006.01)  
C07D 263/32 (2006.01)  
C07D 271/06 (2006.01)  
C07D 277/26 (2006.01)  
C07D 285/08 (2006.01)  
C07D 285/12 (2006.01)  
C07D 413/04 (2006.01)  
C07D 413/06 (2006.01)  
C07D 413/10 (2006.01)  
C07D 417/04 (2006.01)  
C07D 495/04 (2006.01)
- (87) **EP Publ.nr:** EP3433234  
(86) **EP søkn.nr:** 17714623.0  
(86) **EP innl.dag:** 2017.03.20  
(87) **EP publ.dag:** 2019.01.30  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2016.03.22, US, 201662311888 P  
2016.08.02, US, 201662369778 P  
2017.03.20
- (86) **Int.inndag :** 2017.03.20  
(86) **Int.søknadsnr :** PCT/US2017/023127  
(73) **Innehaver:**  
Merck Sharp & Dohme Corp., 126 East Lincoln AvenueRahway, NJ 07065-0907, US-USA
- (72) **Oppfinner:**  
CROWLEY, Brendan, M., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
CAMPBELL, Brian, T., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
DUFFY, Joseph, L., 2000 Galloping Hill RoadKenilworth, New Jersey 07033, US-USA  
GRESHOCK, Thomas, J., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
GUIADEEN, Deodial, G., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
HARVEY, Andrew John, 4A/6 Ranley GrovePaddington, New South Wales QLD4064, AU-Australia  
HUFF, Belinda, C., 85 Morphett RoadCamden Park, South Australia 5038, AU-Australia  
LEAVITT, Kenneth, J., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
RADA, Vanessa, L., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
SANDERS, John, M., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
SHIPE, William, D., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
SUEN, Linda, M., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA  
BELL, Ian, M., 770 Sumneytown PikeWest Point, Pennsylvania 19486, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
ALLOSTERIC MODULATORS OF NICOTINIC ACETYLCHOLINE RECEPTORS

- (51) **Klasse :**  
**C07D 239/95 (2006.01)**  
**A61K 31/517 (2006.01)**  
**A61K 31/5377 (2006.01)**  
**A61K 31/549 (2006.01)**  
**A61P 1/10 (2006.01)**  
**A61P 3/10 (2006.01)**  
**A61P 9/06 (2006.01)**  
**A61P 11/06 (2006.01)**  
**A61P 35/02 (2006.01)**  
**A61P 37/06 (2006.01)**  
**C07D 239/94 (2006.01)**  
**C07D 401/12 (2006.01)**  
**C07D 401/14 (2006.01)**  
**C07D 403/12 (2006.01)**  
**C07D 405/12 (2006.01)**  
**C07D 407/12 (2006.01)**  
**C07D 413/14 (2006.01)**  
**C07D 417/14 (2006.01)**  
**C07D 471/04 (2006.01)**  
**C07D 513/04 (2006.01)**
- (87) **EP Publ.nr:** EP3575288  
(86) **EP søkn.nr:** 19186129.3  
(86) **EP innl.dag:** 2010.09.01  
(87) **EP publ.dag:** 2019.12.04  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2009.09.03, US, 239452 P  
(73) **Innehaver:**  
Bristol-Myers Squibb Company, Route 206 and Province  
Line RoadPrinceton, NJ 08543, US-USA
- (72) **Oppfinner:**  
JOHNSON, James A., Bristol-Myers Squibb Company311  
Pennington-Rocky Hill RoadPennington, NJ 08534, US-  
USA  
LLOYD, John, 1702 Yardley RoadYardley, PA 19067, US-  
USA  
FINLAY, Heather, Bristol-Myers Squibb Company311  
Pennington-Rocky Hill RoadPennington, NJ 08534, US-  
USA  
JIANG, Ji, Bristol-Myers Squibb Company311 Pennington-  
Rocky Hill RoadPennington, NJ 08534, US-USA  
NEELS, James, Bristol-Myers SquibbRoute 206 and  
Province Line RoadPrinceton, NJ 08543, US-USA  
DHONDI, Naveen Kumar, House No. 5-6-  
286Kakatyanagar ColonyKamareddy503111 Andra  
Pradesh, IN-India  
GUNAGA, Prashantha, 266 Royal Lake Front  
ResidencyJambu Savari Dinne560076 Bangalore, IN-India  
BANERJEE, Abhisek, B/1 Kali Banerjee  
LaneHowrah711101 West Bengal, IN-India  
ADISECHAN, Ashok Kumar, 70, Dhraupathi Amman Koil  
St,Poornakuppam PostPondicherry -  
605007Pondicherry, IN-India
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
QUINAZOLINES AS POTASSIUM ION CHANNEL  
INHIBITORS

- (51) **Klasse :**  
**C07D 263/57 (2006.01)**  
**A61K 31/423 (2006.01)**  
**A61P 25/00 (2006.01)**
- (87) **EP Publ.nr:** EP3191461  
(86) **EP søkn.nr:** 15771276.1  
(86) **EP innl.dag:** 2015.08.31  
(87) **EP publ.dag:** 2017.07.19  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2014.09.08, US, 201462047614 P  
2015.08.12, US, 201562203953 P  
(86) **Int.inndag :** 2015.08.31  
(86) **Int.søknadsnr :** PCT/IB2015/056597  
(73) **Innehaver:**  
Pfizer Inc., 235 East 42nd StreetNew York, NY 10017, US-  
USA
- (72) **Oppfinner:**  
GIRARD, Kevin Paul, 3 White Oak LaneQuaker Hill,  
Connecticut 06375, US-USA  
JENSEN, Andrew J., 18 Greystone CourtLedyard,  
Connecticut 06339, US-USA  
JONES, Kris Nicole, 54 Devonshire DriveWaterford,  
Connecticut 06385, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
CRYSTALLINE SOLID FORMS OF 6-CARBOXY-2-(3,5-  
DICHLOROPHENYL)-BENZOXAZOLE

- (51) **Klasse :**  
**C07D 265/32 (2006.01)**  
**C07C 51/29 (2006.01)**  
**C07C 59/135 (2006.01)**  
**C07C 231/02 (2006.01)**  
**C07C 235/16 (2006.01)**
- (87) **EP Publ.nr:** EP3737671  
(86) **EP søkn.nr:** 19705818.3  
(86) **EP innl.dag:** 2019.01.11  
(87) **EP publ.dag:** 2020.11.18  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2018.01.12, HU, 1800007  
(86) **Int.inndag :** 2019.01.11  
(86) **Int.søknadsnr :** PCT/IB2019/050213  
(73) **Innehaver:**  
Richter Gedeon Nyrt., Gyömrői út 19-211103 Budapest,  
HU-Ungarn
- (72) **Oppfinner:**  
SZABÓ, Tamás, 2510 Dorog, HU-Ungarn  
NEU, József, 1133 Budapest, HU-Ungarn  
GARADNAY, Sándor, 1037 Budapest, HU-Ungarn
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
PROCESS FOR THE PREPARATION OF 4-(4-  
AMINOPHENYL)MORPHOLIN-3-ONE

- (51) **Klasse :** C07D 279/00 (2006.01)  
 (87) **EP Publ.nr:** EP3186233  
 (86) **EP søkn.nr:** 15836321.8  
 (86) **EP innl.dag:** 2015.08.28  
 (87) **EP publ.dag:** 2017.07.05  
 (80) **EP meddelt :** 2021.08.25  
 (30) **Prioritet:** 2014.08.29, US, 201462043603 P  
 (86) **Int.inndag :** 2015.08.28  
 (86) **Int.søknadsnr :** PCT/US2015/047407  
 (73) **Innehaver:**  
 CHDI Foundation, Inc., 350 7th Avenue, Suite 200New  
 York, NY 10001, US-USA
- (72) **Oppfinner:**  
 DOMINGUEZ, Celia, 8606 Allenwood RoadLos Angeles,  
 CA 90046, US-USA  
 WITYAK, John, 3377 Avenida NieveCarlsbad, CA 92009,  
 US-USA  
 BARD, Jonathan, CHDI Foundation Inc.c/o CHDI  
 Management, Inc.350 Seventh AvenueSuite 200New York,  
 NY 10001, US-USA  
 KISELYOV, Alex, CHDI Foundation Inc.c/o CHDI  
 Management, Inc.350 Seventh AvenueSuite 200New York,  
 NY 10001, US-USA  
 BROWN, Christopher John, 9 Brook StreetSutton  
 CourtenayAbingdonOxfordshire OX14 4AH, GB-  
 Storbritannia  
 GALAN, Sebastien Rene Gabriel, 62 Coopers  
 LaneAbingdonOxfordshire OX14 5GW, GB-Storbritannia  
 PRIME, Michael Edward, 49 Blain PlaceRoyal Wootton  
 BassettSwindonWiltshire SN4 FF8, GB-Storbritannia  
 GILES, Paul Richard, 3 Binning  
 CloseDraytonAbingdonOxfordshire OX14 4LN, GB-  
 Storbritannia  
 GADOULEAU, Elise Lucienne Paulette, 44 Green  
 CloseDidcotOxfordshire OX118TA, GB-Storbritannia  
 KRÜLLE, Thomas Martin, 12 Berry  
 CloseOxfordOxfordshire OX4 6NB, GB-Storbritannia  
 CLARK-FREW, Daniel, 1 Kelly HouseLetcombe  
 RegisWantageOxfordshire OX12 9JS, GB-Storbritannia  
 JOHNSON, Peter David, 59  
 OvermeadAbingdonOxfordshire OX14 5ND, GB-  
 Storbritannia  
 COE, Samuel, KirkleesTommy Taylors LaneCheltenham  
 GL50 4NP, GB-Storbritannia  
 HAYES, Sarah, 73 Penlon PlaceAbingdonOxfordshire  
 OX14 3QN, GB-Storbritannia
- (74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO,  
 Norge
- (54) **Benevnelse:**  
 PROBES FOR IMAGING HUNTINGTIN PROTEIN

- (51) **Klasse :** C07D 401/04 (2006.01)  
 A61K 31/465 (2006.01)  
 A61P 25/34 (2006.01)  
 (87) **EP Publ.nr:** EP3728215  
 (86) **EP søkn.nr:** 18816110.3  
 (86) **EP innl.dag:** 2018.12.18  
 (87) **EP publ.dag:** 2020.10.28  
 (80) **EP meddelt :** 2021.10.13  
 (30) **Prioritet:** 2017.12.22, EP, 17210187  
 (86) **Int.inndag :** 2018.12.18  
 (86) **Int.søknadsnr :** PCT/EP2018/085437  
 (73) **Innehaver:**  
 Siegfried AG, Untere Brühlstrasse 44800 Zofingen, CH-  
 Sveits  
 Contraf-Nicotex-Tobacco GmbH, Herbststraße 874072  
 Heilbronn, DE-Tyskland
- (72) **Oppfinner:**  
 WEBER, Beat, Wiesenstrasse 44800 Zofingen, CH-Sveits  
 LOTHSCHÜTZ, Christian, Warmbacherstr. 6679618  
 Rheinfelden, DE-Tyskland  
 PAN, Ben, Hongyang Building 4 Room 1403, East Youth  
 RoadNantong Chongchuan Area, Jiangsu Province,  
 226001, CN-Kina
- (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
 ONE-POT PROCESS FOR THE PREPARATION OF  
 RACEMIC NICOTINE BY REACTION OF ETHYL  
 NICOTINATE WITH N-VINYLPYRROLIDONE IN THE  
 PRESENCE OF SODIUM ETHANOLATE OR POTASSIUM  
 ETHANOLATE OR MIXTURES THEREOF

- (51) **Klasse :** C07D 403/12 (2006.01)  
A61K 31/506 (2006.01)  
A61K 31/519 (2006.01)  
A61K 31/5365 (2006.01)  
A61K 31/5377 (2006.01)  
A61P 25/00 (2006.01)  
A61P 25/14 (2006.01)  
A61P 25/16 (2006.01)  
A61P 25/28 (2006.01)  
A61P 29/00 (2006.01)  
A61P 35/00 (2006.01)  
C07D 401/14 (2006.01)  
C07D 403/14 (2006.01)  
C07D 405/14 (2006.01)  
C07D 409/14 (2006.01)  
C07D 413/14 (2006.01)  
C07D 417/14 (2006.01)  
C07D 487/04 (2006.01)  
C07D 491/20 (2006.01)  
C07D 498/04 (2006.01)
- (87) **EP Publ.nr:** EP3472153  
(86) **EP søkn.nr:** 17733306.9  
(86) **EP innl.dag:** 2017.06.15  
(87) **EP publ.dag:** 2019.04.24  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2016.06.16, US, 201662350876 P  
2016.11.03, US, 201662417151 P  
2017.03.24, US, 201762476581 P  
2017.05.24, US, 201762510711 P
- (86) **Int.inndag :** 2017.06.15  
(86) **Int.søknadsnr :** PCT/US2017/037782  
(73) **Innehaver:**  
Denali Therapeutics Inc., 151 Oyster Point Boulevard 2nd Floor South San Francisco, California 94080, US-USA
- (72) **Oppfinner:**  
ESTRADA, Anthony A., c/o Denali Therapeutics Inc. 151 Oyster Point Blvd. 2nd Floor South San Francisco, California 94080, US-USA  
FENG, Jianwen A., c/o Denali Therapeutics Inc. 151 Oyster Point Blvd. 2nd Floor South San Francisco, California 94080, US-USA  
LYSSIKATOS, Joseph P., c/o Denali Therapeutics Inc. 151 Oyster Point Blvd. 2nd Floor South San Francisco, California 94080, US-USA  
SWEENEY, Zachary K., c/o Denali Therapeutics Inc. 151 Oyster Point Blvd. 2nd Floor South San Francisco, California 94080, US-USA  
DE VICENTE FIDALGO, Javier, c/o Denali Therapeutics Inc. 151 Oyster Point Blvd. 2nd Floor South San Francisco, California 94080, US-USA
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvaien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
PYRIMIDIN-2-YLAMINO-1H-PYRAZOLS AS LRRK2 INHIBITORS FOR USE IN THE TREATMENT OF NEURODEGENERATIVE DISORDERS
- 
- (51) **Klasse :** C07D 413/14 (2006.01)  
A61K 31/519 (2006.01)  
A61P 25/00 (2006.01)  
C07D 401/04 (2006.01)  
C07D 403/04 (2006.01)  
C07D 413/04 (2006.01)  
C07D 417/04 (2006.01)
- (87) **EP Publ.nr:** EP3541814  
(86) **EP søkn.nr:** 17817338.1  
(86) **EP innl.dag:** 2017.11.15  
(87) **EP publ.dag:** 2019.09.25  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2016.11.15, JP, 2016222028  
2016.12.26, JP, 2016250981
- (86) **Int.inndag :** 2017.11.15  
(86) **Int.søknadsnr :** PCT/US2017/061879  
(73) **Innehaver:**  
PTC Therapeutics, Inc., 100 Corporate Court Middlesex Business Center South Plainfield, NJ 07080, US-USA
- (72) **Oppfinner:**  
KITANO, Hiroyuki, c/o Sumitomo Dainippon Pharma Co. Ltd. 1-98 Kasugade-naka 3-chome Konohana-ku Osaka-shi Osaka 554-0022, JP-Japan  
MORI, Kazuto, c/o Sumitomo Dainippon Pharma Co. Ltd. 1-98 Kasugade-naka 3-chome Konohana-ku Osaka-shi Osaka 554-0022, JP-Japan
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
2-SUBSTITUTED AMINO-NAPHTH[1,2-D]IMIDAZOL-5-ONE COMPOUNDS OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF
-

- (51) **Klasse :** C07D 471/04 (2006.01)  
A61K 31/555 (2006.01)  
A61K 51/04 (2006.01)  
A61P 9/00 (2006.01)  
A61P 35/00 (2006.01)  
C07D 213/73 (2006.01)  
C07D 213/75 (2006.01)  
C07D 401/12 (2006.01)  
C07D 401/14 (2006.01)  
C07D 519/00 (2006.01)  
C07K 5/062 (2006.01)
- (87) **EP Publ.nr:** EP3050878  
(86) **EP søkn.nr:** 14849898.3  
(86) **EP innl.dag:** 2014.09.24  
(87) **EP publ.dag:** 2016.08.03  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2013.09.24, JP, 2013196712  
(86) **Int.inndag :** 2014.09.24  
(86) **Int.søknadsnr :** PCT/JP2014/075332  
(73) **Innehaver:**  
FUJIFILM Corporation, 26-30, Nishiazabu 2-chome Minato-kuTokyo 106-8620, JP-Japan  
FUJIFILM Toyama Chemical Co., Ltd., 14-1, Kyobashi 2-chomeChuo-kuTokyo, JP-Japan
- (72) **Oppfinner:**  
FUKUNAGA, Hirofumi, c/o FUJIFILM Corporation577 UshijimaKaisei-machiAshigarakami-gunKanagawa 258-8577, JP-Japan  
DOZONO, Hiroyuki, c/o FUJIFILM Toyama Chemical Co., Ltd.453-1 Shimo-OkuraMatsuo-machiSammu-shiChiba 289-1592, JP-Japan  
HINO, Akihiro, c/o FUJIFILM Toyama Chemical Co., Ltd.453-1 Shimo-OkuraMatsuo-machiSammu-shiChiba 289-1592, JP-Japan  
OSHIKIRI, Shinobu, c/o FUJIFILM Toyama Chemical Co., Ltd.453-1 Shimo-OkuraMatsuo-machiSammu-shiChiba 289-1592, JP-Japan  
NAGANO, Akio, c/o FUJIFILM Toyama Chemical Co., Ltd.453-1 Shimo-OkuraMatsuo-machiSammu-shiChiba 289-1592, JP-Japan
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL NITROGEN-CONTAINING COMPOUND OR SALT THEREOF, OR METAL COMPLEX THEREOF

- (51) **Klasse :** C07D 471/18 (2006.01)  
A61K 31/407 (2006.01)  
A61K 31/427 (2006.01)  
A61K 31/431 (2006.01)  
A61K 31/496 (2006.01)  
A61K 31/546 (2006.01)  
A61K 31/551 (2006.01)  
A61K 45/06 (2006.01)  
A61P 31/04 (2006.01)
- (87) **EP Publ.nr:** EP3698796  
(86) **EP søkn.nr:** 20165564.4  
(86) **EP innl.dag:** 2017.09.28  
(87) **EP publ.dag:** 2020.08.26  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2016.09.28, US, 201662401022 P  
(73) **Innehaver:**  
Novartis AG, Lichtstrasse 354056 Basel, CH-Sveits
- (72) **Oppfinner:**  
CASAREZ, Anthony, Novartis Institutes for BioMedical Research Inc.5300 Chiron WayEmeryville, CA 94608, US-USA  
FUREGATI, Markus, Novartis Pharma AGPostfach4002 Basel, CH-Sveits  
KOCH, Guido, Novartis Pharma AGPostfach4002 Basel, CH-Sveits  
LIN, Xiaodong, Novartis Institutes for BioMedical Research, Inc.5300 Chiron WayEmeryville, CA 94608, US-USA  
OSSOLA, Flavio, Novartis Pharma AGPostfach4002 Basel, CH-Sveits  
RECK, Folkert, Novartis Institutes for BioMedical Research, Inc.5300 Chiron WayEmeryville, CA 94608, US-USA  
SIMMONS, Robert Lowell, Novartis Institutes for BioMedical Research, Inc.5300 Chiron WayEmeryville, CA 94608, US-USA  
ZHU, Qingming, Novartis Institutes for BioMedical Research, Inc.5300 Chiron WayEmeryville, CA 94608, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
PHARMACEUTICAL COMBINATION OF A TRICYCLIC BETA-LACTAMASE INHIBITOR WITH SPECIFIC BETA-LACTAM ANTIBIOTICS

- (51) **Klasse :** C07D 491/147 (2006.01)  
A61K 31/4155 (2006.01)  
A61K 31/437 (2006.01)  
A61K 31/519 (2006.01)  
A61P 19/02 (2006.01)  
C07D 491/048 (2006.01)
- (87) **EP Publ.nr:** EP3509591  
(86) **EP søkn.nr:** 17858944.6  
(86) **EP innl.dag:** 2017.09.30  
(87) **EP publ.dag:** 2019.07.17  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2016.10.03, US, 201662403660 P  
(86) **Int.inndag :** 2017.09.30  
(86) **Int.søknadsnr :** PCT/US2017/054668  
(73) **Innehaver:**  
HighlightII Pharmaceutical (Hainan) Co., Ltd., Building A, 5th floor, Suite A22-21, Incubator Center of Haikou Hightech Industrial Development Zone, HaikouHainan, 570000, CN-Kina
- (72) **Oppfinner:**  
LIANG, Congxin, Palm Beach Gardens, FL 33410, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
NOVEL JAK1 SELECTIVE INHIBITORS AND USES THEREOF



- (51) **Klasse :** C07F 13/00 (2006.01)  
A61K 35/04 (2006.01)  
A61K 51/04 (2006.01)  
A61K 103/10 (2006.01)  
A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3486249  
(86) **EP søkn.nr:** 17815772.3  
(86) **EP innl.dag:** 2017.06.21  
(87) **EP publ.dag:** 2019.05.22  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2016.06.24, MX, 2016008466  
(86) **Int.inndag :** 2017.06.21  
(86) **Int.søknadsnr :** PCT/MX2017/000068  
(73) **Innehaver:**  
Instituto Nacional de Investigaciones Nucleares, Carretera México-Toluca s/n La Marquesa Ocoyoacac, Estado de México 52750, MX-Mexico
- (72) **Oppfinner:**  
FERRO FLORES, Guillermina, Carretera México-Toluca s/n La Marquesa 52750 Ocoyoacac, Estado de México, MX-Mexico  
OCAMPO GARCÍA, Blanca Eli, Carretera México-Toluca s/n La Marquesa 52750 Ocoyoacac, Estado de México, MX-Mexico  
SANTOS CUEVAS, Clara Leticia, Carretera México-Toluca s/n La Marquesa 52750 Ocoyoacac, Estado de México, MX-Mexico  
LUNA GUTIÉRREZ, Myrna Alejandra, Carretera México-Toluca s/n La Marquesa 52750 Ocoyoacac, Estado de México, MX-Mexico  
AZORÍN VEGA, Erika Patricia, Carretera México-Toluca s/n La Marquesa 52750 Ocoyoacac, Estado de México, MX-Mexico  
JIMÉNEZ MANCILLA, Nallely Patricia, Carretera México-Toluca s/n La Marquesa 52750 Ocoyoacac, Estado de México, MX-Mexico
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
99MTC-EDDA/HYNIC-IP SMA AS A  
RADIOPHARMACEUTICAL FOR DETECTING THE OVEREXPRESSION OF PROSTATE-SPECIFIC MEMBRANE ANTIGEN

- (51) **Klasse :** C07H 1/00 (2006.01)  
C07H 19/06 (2006.01)
- (87) **EP Publ.nr:** EP3386998  
(86) **EP søkn.nr:** 16812797.5  
(86) **EP innl.dag:** 2016.12.09  
(87) **EP publ.dag:** 2018.10.17  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2016.02.08, GB, 201602185  
2015.12.11, IN, 6635CH2015  
(86) **Int.inndag :** 2016.12.09  
(86) **Int.søknadsnr :** PCT/GB2016/053875  
(73) **Innehaver:**  
NuCana plc, 3 Lochside Way Edinburgh EH12 9DT, GB-Storbritannia  
Laurus Labs Limited, Plot No.21 Jawaharlal Nehru Pharma Cit, Parawada, Visakhapatnam, 531021 AP, IN-India
- (72) **Oppfinner:**  
KOTALA, Mani Bushan, c/o Laurus Labs Private Ltd IKP Knowledge Park Genome Valley Turkapally Shameerpet Mandal Hyderabad Telangana 500 078, IN-India  
DAMMALAPATI, Venkata Lakshmi Narasimha Rao, c/o Laurus Labs Private Ltd IKP Knowledge Park Genome Valley Turkapally Shameerpet Mandal Hyderabad Telangana 500 078, IN-India
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
DIASTERESELECTIVE SYNTHESIS OF PHOSPHATE DERIVATIVES AND OF THE GEMCITABINE PRODRUG NUC-1031

- (51) **Klasse :** C07K 14/435 (2006.01)  
A61K 35/17 (2015.01)  
A61K 48/00 (2006.01)  
C07H 21/00 (2006.01)
- (87) **EP Publ.nr:** EP3006459  
(86) **EP søkn.nr:** 15188601.7  
(86) **EP innl.dag:** 2009.08.26  
(87) **EP publ.dag:** 2016.04.13  
(80) **EP meddelt :** 2021.10.06  
(30) **Prioritet:** 2008.08.26, US, 91915 P  
(73) **Innehaver:**  
City of Hope, 1500 East Duarte Road Duarte, CA 91010, US-USA
- (72) **Oppfinner:**  
JENSEN, Michael, 2305 Woodlyn Road Pasadena, CA 91104, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND COMPOSITIONS FOR ENHANCED ANTI-TUMOR EFFECTOR FUNCTIONING OF T CELLS

- (51) **Klasse :** C07K 14/705 (2006.01)  
C07K 14/47 (2006.01)  
C07K 19/00 (2006.01)
- (87) **EP Publ.nr:** EP3166968  
(86) **EP søkn.nr:** 15786710.2  
(86) **EP innl.dag:** 2015.05.01  
(87) **EP publ.dag:** 2017.05.17  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2014.05.02, US, 201461987989 P  
(86) **Int.inndag :** 2015.05.01  
(86) **Int.søknadsnr :** PCT/US2015/028872  
(73) **Innehaver:**  
The Trustees of the University of Pennsylvania, 3600 Civic Center Boulevard, 9th Floor Philadelphia PA 19104-6283, US-USA
- (72) **Oppfinner:**  
PAYNE, Aimee S., 536 Hamilton Road Merion Station, Pennsylvania 19066, US-USA  
ELLEBRECHT, Christoph T., 415 S. 13th Street Philadelphia, Pennsylvania 19147, US-USA  
BHOJ, Vijay, 500 S. Melville Street Philadelphia, Pennsylvania 19143, US-USA  
MILONE, Michael C., 315 Surrey Road Cherry Hill, New Jersey 08002, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS AND METHODS OF CHIMERIC AUTOANTIBODY RECEPTOR T CELLS

(51) **Klasse :** C07K 16/18 (2006.01)  
A61K 39/35 (2006.01)  
A61P 37/08 (2006.01)

(87) **EP Publ.nr:** EP3660047  
(86) **EP søkn.nr:** 19218187.3  
(86) **EP innl.dag:** 2013.05.02  
(87) **EP publ.dag:** 2020.06.03  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2012.05.03, US, 201261642083 P  
2012.10.24, US, 201261718044 P  
2013.03.14, US, 201361783312 P

(73) **Innehaver:**  
Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River  
RoadTarrytown, NY 10591-6707, US-USA

(72) **Oppfinner:**  
ORENGO, Jamie, 17 Maple Moore LaneCortlandt Manor,  
NY 10567, US-USA  
MURPHY, Andrew J., 10 Newton CourtCroton-on-Hudson,  
NY 10520, US-USA

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

(54) **Benevnelse:**  
HUMAN ANTIBODIES TO FEL D1 AND METHODS OF  
USE THEREOF

(51) **Klasse :** C07K 16/22 (2006.01)  
A61K 45/06 (2006.01)  
A61K 49/00 (2006.01)  
A61P 1/16 (2006.01)  
A61P 13/12 (2006.01)  
A61P 35/00 (2006.01)  
C07K 16/28 (2006.01)

(87) **EP Publ.nr:** EP3677278  
(86) **EP søkn.nr:** 19185896.8  
(86) **EP innl.dag:** 2019.07.11  
(87) **EP publ.dag:** 2020.07.08  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2018.07.11, US, 201862696752 P  
2018.07.11, US, 201862696774 P  
2018.08.13, US, 201862718196 P  
2018.08.23, US, 201862722081 P  
2018.09.27, US, 201862737534 P  
2018.11.09, US, 201862757917 P  
2018.11.09, US, 201862758180 P  
2019.02.25, US, 201962810263 P  
2019.04.01, US, 201962827552 P

(73) **Innehaver:**  
Scholar Rock, Inc., 301 Binney Street, 3rd FloorCambridge,  
MA 02142, US-USA

(72) **Oppfinner:**  
DATTA, Abhishek, 48 Hemman StreetBoston, MA 02131,  
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US-USA  
SCHURPF, Thomas, 18 Cottage Park AvenueCambridge,  
MA 02140, US-USA  
MARTIN, Constance, 19 Dartmouth StreetArlington, MA  
02474, US-USA  
DAGBAY, Kevin B., 19 Bronsdon StreetApt. EBrighton, MA  
02135, US-USA  
CHAPRON, Christopher, 72 Buick StreetWatertown, MA  
02472, US-USA  
WAWERSIK, Stefan, 3 Brickyard LaneWestborough, MA  
01581, US-USA  
LITTLEFIELD, Christopher, 66 Lafayette StreetMarblehead,  
MA 01945, US-USA  
CARVEN, Gregory J., 89 Brooks StreetMaynard, MA  
01754, US-USA  
BUCKLER, Alan, 81 Highland AvenueArlington, MA 02476,  
US-USA  
LIN, Susan, 6 Whittier Place8JBoston, MA 02114, US-USA  
JACKSON, Justin W., 395 Broadway L3FCambridge, MA  
02139, US-USA  
COOPER, Anthony, 2092 Jericho St.White River Jct., VT  
05001, US-USA  
AVERY, Andrew, 320 Poverty LaneLebanon, NH 03766,  
US-USA  
SALOTTO, Matthew, 5 Gile Dr. Apr. 3BHanover, NH  
03755, US-USA  
STEIN, Caitlin, 7 Lucent DrLebanon, NH 03766, US-USA

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

(54) **Benevnelse:**  
ISOFORM SELECTIVE TGFβ1 INHIBITORS AND  
USE THEREOF

(51) **Klasse :** **C07K 16/24 (2006.01)**  
**A61K 39/395 (2006.01)**  
(87) **EP Publ.nr:** EP3072906  
(86) **EP søkn.nr:** 16162699.9  
(86) **EP innl.dag:** 2009.12.09  
(87) **EP publ.dag:** 2016.09.28  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2008.12.10, EP, 08170884  
(73) **Innehaver:**  
NOVARTIS AG, Lichtstrasse 354056 Basel, CH-Sveits  
(72) **Oppfinner:**  
MOMM, Joachim, Novartis Pharma AGPostfachCH-4002  
Basel, CH-Sveits  
WALLNY, Hans-Joachim, Novartis Pharma  
AGPostfachCH-4002 Basel, CH-Sveits  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
ANTIBODY FORMULATION

(51) **Klasse :** **C09C 1/02 (2006.01)**  
**C04B 14/28 (2006.01)**  
**C04B 20/10 (2006.01)**  
**C04B 28/02 (2006.01)**  
(87) **EP Publ.nr:** EP2609159  
(86) **EP søkn.nr:** 11768097.5  
(86) **EP innl.dag:** 2011.08.23  
(87) **EP publ.dag:** 2013.07.03  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2010.08.24, EP, 10008803  
2010.11.17, US, 414508 P  
(86) **Int.inndag :** 2011.08.23  
(86) **Int.søknadsnr :** PCT/IB2011/001927  
(73) **Innehaver:**  
Omya International AG, Baslerstrasse 424665 Oftringen,  
CH-Sveits  
(72) **Oppfinner:**  
SKOVBY, Michael, 8706 Meilen, CH-Sveits  
GONNON, Pascal, F-01480 Villeneuve, FR-Frankrike  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
(54) **Benevnelse:**  
PROCESS FOR THE PREPARATION OF CEMENT,  
MORTARS, CONCRETE COMPOSITIONS CONTAINING  
A CALCIUM CARBONATE - BASED FILLER (PRE) -  
TREATED WITH A SUPERPLASTICIZER

(51) **Klasse :** **C09K 8/035 (2006.01)**  
**C09K 8/508 (2006.01)**  
**C09K 8/516 (2006.01)**  
**E21B 33/138 (2006.01)**  
(87) **EP Publ.nr:** EP3752578  
(86) **EP søkn.nr:** 19707607.8  
(86) **EP innl.dag:** 2019.02.13  
(87) **EP publ.dag:** 2020.12.23  
(80) **EP meddelt :** 2021.12.22  
(30) **Prioritet:** 2018.02.15, US, 201862631062 P  
2018.02.15, US, 201862631073 P  
2018.02.15, US, 201862631122 P  
2018.02.15, US, 201862631126 P  
(86) **Int.inndag :** 2019.02.13  
(86) **Int.søknadsnr :** PCT/US2019/017816  
(73) **Innehaver:**  
Saudi Arabian Oil Company, Post Office Box 5000Dhahran  
31311, SA-Saudi Arabia  
(72) **Oppfinner:**  
ARFAJ, Mohammed K., c/o Saudi Arabian Oil  
CompanyPost Office Box 5000Dhahran, 31311, SA-Saudi  
Arabia  
AMANULLAH, Md, c/o Saudi Arabian Oil CompanyPost  
Office Box 5000Dhahran, 31311, SA-Saudi Arabia  
ALOUHALI, Raed A., c/o Saudi Arabian Oil CompanyPost  
Office Box 5000Dhahran, 31311, SA-Saudi Arabia  
ALSUBAIE, Turki, c/o Saudi Arabian Oil CompanyPost  
Office Box 5000Dhahran, 31311, SA-Saudi Arabia  
(74) **Fullmektig:**  
RWS, Europa House, Chiltern Park, Chiltern Hill, SL99FG  
CHALFONT ST PETER, Storbritannia  
(54) **Benevnelse:**  
A METHOD AND MATERIAL FOR ISOLATING A SEVERE  
LOSS ZONE

(51) **Klasse :** **C10G 3/00 (2006.01)**  
**C01B 3/24 (2006.01)**  
**C01B 3/32 (2006.01)**  
**C01B 3/34 (2006.01)**  
**C01B 3/38 (2006.01)**  
**C01B 3/48 (2006.01)**  
**C07C 1/20 (2006.01)**  
**C10G 65/00 (2006.01)**  
(87) **EP Publ.nr:** EP3071670  
(86) **EP søkn.nr:** 14805967.8  
(86) **EP innl.dag:** 2014.11.20  
(87) **EP publ.dag:** 2016.09.28  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2013.11.21, FI, 20136163  
(86) **Int.inndag :** 2014.11.20  
(86) **Int.søknadsnr :** PCT/FI2014/050889  
(73) **Innehaver:**  
UPM-Kymmene Corporation, Alvar Aallon katu 100100  
Helsinki, FI-Finland  
(72) **Oppfinner:**  
EILOS, Isto, deceased, FI-Finland  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
INTEGRATED PROCESS FOR PRODUCING  
HYDROCARBONS

- (51) **Klasse :** C10M 107/42 (2006.01)  
B21B 1/40 (2006.01)  
C10M 107/28 (2006.01)  
C10M 107/44 (2006.01)  
C10M 149/14 (2006.01)  
C10N 20/04 (2006.01)  
C10N 40/14 (2006.01)  
C10N 50/00 (2006.01)  
C10N 60/00 (2006.01)  
C10N 80/00 (2006.01)  
H01M 4/134 (2010.01)  
H01M 4/36 (2006.01)  
H01M 4/40 (2006.01)  
H01M 4/62 (2006.01)  
H01M 10/052 (2010.01)
- (87) **EP Publ.nr:** EP3126475  
(86) **EP søkn.nr:** 15773352.8  
(86) **EP innl.dag:** 2015.03.31  
(87) **EP publ.dag:** 2017.02.08  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2014.04.01, US, 201461973493 P  
(86) **Int.inndag :** 2015.03.31  
(86) **Int.søknadsnr :** PCT/CA2015/050256  
(73) **Innehaver:**  
Hydro-Québec, 75 Boulevard René-Lévesque  
OuestMontréal QC H2Z 1A4, CA-Canada
- (72) **Oppfinner:**  
ZAGHIB, Karim, 2006 Marcelle-FerronLongueuil, Québec  
J4N 1T8, CA-Canada  
ARMAND, Michel, 8 Rue Daguerre75014 Paris, FR-  
Frankrike  
BOUCHARD, Patrick, 1184 Rue des ÉrablesShawinigan,  
Québec G9N 1B2, CA-Canada  
VERREAULT, Serge, 130 Rue PierreSt-Tite, Québec G0X  
3H0, CA-Canada  
HAMEL-PÂQUET, Julie, 2866 Boulevard Pierre  
BernardMontréal, Québec H1L 1Y9, CA-Canada  
GIRARD, Gabriel, 1025 Curé-Poirier EstApp.  
302Longueuil, Québec J4J 2J8, CA-Canada
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
USE OF POLYMERS AS LUBRICATING AGENTS IN THE  
PRODUCTION OF ALKALI METAL FILMS

- (51) **Klasse :** C10M 145/34 (2006.01)
- (87) **EP Publ.nr:** EP3516022  
(86) **EP søkn.nr:** 17771664.4  
(86) **EP innl.dag:** 2017.09.20  
(87) **EP publ.dag:** 2019.07.31  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2016.09.21, DE, 102016011397  
2017.09.01, DE, 102017008234  
2017.09.15, DE, 102017008676
- (86) **Int.inndag :** 2017.09.20  
(86) **Int.søknadsnr :** PCT/EP2017/001124  
(73) **Innehaver:**  
Klüber Lubrication München SE & Co. KG,  
Geisenhausenerstrasse 781379 München, DE-Tyskland
- (72) **Oppfinner:**  
NARNHAMMER, Daniel, Andreas, 03103 Manchester, NH,  
US-USA  
SEEMEYER, Stefan, 82515 Wolfratshausen, DE-Tyskland  
KOOZER, Justin, 80108 Castle Rock, CO, US-USA  
HOLM, Ari-Pekka, 82110 Germering, DE-Tyskland
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
USE OF LUBRICANTS BASED ON WATERSOLUBLE  
POLYALKYLENE GLYCOLS

- (51) **Klasse :** C12N 1/16 (2006.01)  
C12P 7/64 (2006.01)  
C12R 1/645 (2006.01)
- (87) **EP Publ.nr:** EP3655521  
(86) **EP søkn.nr:** 18755320.1  
(86) **EP innl.dag:** 2018.07.17  
(87) **EP publ.dag:** 2020.05.27  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2017.07.18, IT, 201700081383  
(86) **Int.inndag :** 2018.07.17  
(86) **Int.søknadsnr :** PCT/IB2018/055301  
(73) **Innehaver:**  
Versalis S.p.A., Piazza Boldrini 120097 San Donato  
Milanese (MI), IT-Italia
- (72) **Oppfinner:**  
RODIGHIERO, Valentina, 20142 Milano, IT-Italia  
FRANZOSI, Giuliana, 27058 Voghera (PV), IT-Italia  
COMPAGNO, Concetta, 26016 Spino d'Adda (CR), IT-Italia  
CAPUSONI, Claudia, 20152 Milano, IT-Italia
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
VARIANT OF OLEAGINOUS YEAST AND ITS USE FOR  
THE PRODUCTION OF LIPIDS

- (51) **Klasse :** C12N 7/01 (2006.01)  
A61K 35/761 (2015.01)  
A61P 35/00 (2006.01)
- (87) **EP Publ.nr:** EP3198009  
(86) **EP søkn.nr:** 15843893.7  
(86) **EP innl.dag:** 2015.09.23  
(87) **EP publ.dag:** 2017.08.02  
(80) **EP meddelt :** 2021.09.08  
(30) **Prioritet:** 2014.09.24, US, 201462054724 P  
(86) **Int.inndag :** 2015.09.23  
(86) **Int.søknadsnr :** PCT/US2015/051745  
(73) **Innehaver:**  
Salk Institute for Biological Studies, 10010 N. Torrey Pines  
RoadLa Jolla, CA 92037-1002, US-USA
- (72) **Oppfinner:**  
O'SHEA, Clodagh, 10010 N. Torrey Pines RoadLa Jolla,  
CA 92037-1002, US-USA  
MIYAKE-STONER, Shigeki, 10010 N. Torrey Pines  
RoadLa Jolla, CA 92037-1002, US-USA
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
ONCOLYTIC TUMOR VIRUSES AND METHODS OF USE

- (51) **Klasse :** C12N 15/86 (2006.01)  
 (87) **EP Publ.nr.:** EP3402889  
 (86) **EP søkn.nr.:** 17701908.0  
 (86) **EP innl.dag:** 2017.01.11  
 (87) **EP publ.dag:** 2018.11.21  
 (80) **EP meddelt :** 2021.10.27  
 (30) **Prioritet:** 2016.01.15, FI, 20165026  
 (86) **Int.inndag :** 2017.01.11  
 (86) **Int.søknadsnr :** PCT/FI2017/050010  
 (73) **Innehaver:**  
 Targovax Oy, Lars Sonckin kaari 1402600 Espoo, FI-Finland  
 (72) **Oppfinner:**  
 KURYK, Lukasz, Kalevankatu 38 A 700180 Helsinki, FI-Finland  
 RANKI, Tuuli, Urpukuja 111130 Riihimäki, FI-Finland  
 PESONEN, Sari, Porslahdentie 23 G 3400980 Helsinki, FI-Finland  
 HAAVISTO, Elina, Svinhufvudintie 11 C 2100570 Helsinki, FI-Finland  
 VUOLANTO, Antti, Käpyläntie 2602880 Veikkola, FI-Finland  
 VASSILEV, Lotta, Pihlajatie 39 A 100270 Helsinki, FI-Finland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 COMBINING ADENOVIRUS AND CHEMOTHERAPEUTIC AGENTS FOR TREATING CANCER

- (51) **Klasse :** C12P 5/02 (2006.01)  
 (87) **EP Publ.nr.:** EP3126507  
 (86) **EP søkn.nr.:** 15716150.6  
 (86) **EP innl.dag:** 2015.03.31  
 (87) **EP publ.dag:** 2017.02.08  
 (80) **EP meddelt :** 2021.09.15  
 (30) **Prioritet:** 2014.04.01, US, 201461973577 P  
 (86) **Int.inndag :** 2015.03.31  
 (86) **Int.søknadsnr :** PCT/IB2015/052379  
 (73) **Innehaver:**  
 Ductor Oy, Viikinkaari 400790 Helsinki, FI-Finland  
 (72) **Oppfinner:**  
 MOKKO, Ari, Bulevardi 30 B 6FI-00120 Helsinki, FI-Finland  
 KOSKENNIEMI, Kerttu, Franzeninkatu 1 C 72FI-00500 Helsinki, FI-Finland  
 LAHTINEN, Minna, Malminmäentie 1 J 18FI-02280 Espoo, FI-Finland  
 NUMMELA, Jarkko, c/o Ductor OyViikinkaari 4Cultivator IIFI-00790 Helsinki, FI-Finland  
 VIROLAINEN, Nina, Ruohotie 10 F 6FI-00700 Helsinki, FI-Finland  
 VIRKAJÄRVI, Ilkka, Tuohimäki 3 B 6FI-02130 Espoo, FI-Finland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 BIOGAS PROCESS WITH NUTRIENT RECOVERY

- (51) **Klasse :** C12Q 1/6886 (2018.01)  
 (87) **EP Publ.nr.:** EP3449008  
 (86) **EP søkn.nr.:** 17720719.8  
 (86) **EP innl.dag:** 2017.04.21  
 (87) **EP publ.dag:** 2019.03.06  
 (80) **EP meddelt :** 2021.09.08  
 (30) **Prioritet:** 2016.04.26, EP, 16382182  
 (86) **Int.inndag :** 2017.04.21  
 (86) **Int.søknadsnr :** PCT/EP2017/059498  
 (73) **Innehaver:**  
 Advanced Marker Discovery, S.L., Acera de Recoletos, 2 1° B47004 Valladolid, ES-Spania  
 Centro de Investigación Biomédica en Red, C/ Monforte de Lemos 3-5 Pabellon 1128029 Madrid, ES-Spania  
 Hospital Clínic de Barcelona, Villarroel 17008036 Barcelona, ES-Spania  
 (72) **Oppfinner:**  
 GIRONELLA COS, Meritxel, Hospital Clínic de BarcelonaC/ Villarroel 17008036 Barcelona, ES-Spania  
 CASTELLS GARANGOU, Antoni, Hospital Clínic de BarcelonaC/ Villarroel 17008036 Barcelona, ES-Spania  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt CS90017, 92665 ANSIÈRES-SUR-SEINE CEDEX, Frankrike  
 (54) **Benevnelse:**  
 IN VITRO METHOD FOR IDENTIFYING PANCREATIC CANCER OR INTRADUCTAL PAPILLARY MUCINOUS NEOPLASM OF THE PANCREAS

- (51) **Klasse :** C25B 1/00 (2021.01)  
 C01B 32/19 (2017.01)  
 (87) **EP Publ.nr.:** EP3615708  
 (86) **EP søkn.nr.:** 18725111.1  
 (86) **EP innl.dag:** 2018.04.24  
 (87) **EP publ.dag:** 2020.03.04  
 (80) **EP meddelt :** 2021.05.19  
 (30) **Prioritet:** 2017.04.26, DE, 102017207045  
 (86) **Int.inndag :** 2018.04.24  
 (86) **Int.søknadsnr :** PCT/EP2018/060433  
 (73) **Innehaver:**  
 Sixonia Tech GmbH, Pestitzer Straße 1601187 Dresden, DE-Tyskland  
 (72) **Oppfinner:**  
 LOHE, Martin, Pestitzer Straße 1601187 Dresden, DE-Tyskland  
 FENG, Xinliang, Tittmannstraße 39b01309 Dresden, DE-Tyskland  
 YANG, Sheng, Gerhart-Hauptmann-Straße 671069 Sindelfingen, DE-Tyskland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR PRODUCING A SEMICONDUCTOR OR CONDUCTOR MATERIAL, AND USE THEREOF

(51) **Klasse :** C25B 1/04 (2021.01)  
C25B 9/00 (2021.01)  
C25B 15/00 (2006.01)  
C25B 15/08 (2006.01)

(87) **EP Publ.nr:** EP3339479  
(86) **EP søkn.nr:** 16837142.5  
(86) **EP innl.dag:** 2016.08.17  
(87) **EP publ.dag:** 2018.06.27  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2015.08.20, JP, 2015163039  
(86) **Int.inndag :** 2016.08.17  
(86) **Int.søknadsnr :** PCT/JP2016/074043  
(73) **Innehaver:**  
De Nora Permelec Ltd, 2023-15, EndoFujisawa-shiKanagawa 252-0816, JP-Japan

(72) **Oppfinner:**  
DOMON Hiroki, c/o OKAYAMA JIGYOSHOU of DE NORA PERMELEC LTD24-6 Higashi-TakasakiTamano-shiOkayama 706-0134, JP-Japan  
MANABE Akiyoshi, c/o DE NORA PERMELEC LTD2023-15 EndoFujisawa-shiKanagawa 252-0816, JP-Japan  
OHARA Masahiro, c/o OKAYAMA JIGYOSHOU of DE NORA PERMELEC LTD24-6 Higashi-TakasakiTamano-shiOkayama 706-0134, JP-Japan

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

(54) **Benevnelse:**  
ELECTROLYSIS APPARATUS AND ELECTROLYSIS METHOD

(51) **Klasse :** C25D 1/04 (2006.01)  
C25D 3/38 (2006.01)  
C25D 7/06 (2006.01)  
H01M 4/66 (2006.01)  
H01M 10/052 (2010.01)

(87) **EP Publ.nr:** EP3492633  
(86) **EP søkn.nr:** 18199805.5  
(86) **EP innl.dag:** 2018.10.11  
(87) **EP publ.dag:** 2019.06.05  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2017.12.04, US, 201715782494  
(73) **Innehaver:**  
Chang Chun Petrochemical Co., Ltd., 7F., No.301 Songjiang Rd. Zhongshan Dist.104 Taipei City, TW-Taiwan

(72) **Oppfinner:**  
HUANG, Huei-Fang, 104 Taipei City, TW-Taiwan  
CHENG, Kuei-Sen, 104 Taipei City, TW-Taiwan  
LAI, Yao-Sheng, 104 Taipei City, TW-Taiwan  
CHOU, Jui-Chang, 104 Taipei City, TW-Taiwan

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

(54) **Benevnelse:**  
COPPER FOIL FOR CURRENT COLLECTOR OF LITHIUM SECONDARY BATTERY

(51) **Klasse :** D04B 1/16 (2006.01)  
A41D 31/00 (2019.01)  
A47G 9/02 (2006.01)  
B60N 2/58 (2006.01)  
D01F 8/14 (2006.01)  
D02G 3/04 (2006.01)

(87) **EP Publ.nr:** EP3346034  
(86) **EP søkn.nr:** 16841271.6  
(86) **EP innl.dag:** 2016.07.05  
(87) **EP publ.dag:** 2018.07.11  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2015.08.31, JP, 2015171132  
(86) **Int.inndag :** 2016.07.05  
(86) **Int.søknadsnr :** PCT/JP2016/069869  
(73) **Innehaver:**  
Teijin Frontier Co., Ltd., 2-4 Nakanoshima 3-chome Kita-kuOsaka-shi, Osaka 5300005, JP-Japan

(72) **Oppfinner:**  
OGATA, Nobuaki, c/o Teijin Frontier Co. Ltd.6-7 Minamihommachi 1-chomeChuo-kuOsaka-shiOsaka 541-0054, JP-Japan

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

(54) **Benevnelse:**  
FABRIC AND FIBER PRODUCT

(51) **Klasse :** E01F 15/00 (2006.01)  
G01S 13/00 (2006.01)

(87) **EP Publ.nr:** EP3733972  
(86) **EP søkn.nr:** 19172520.9  
(86) **EP innl.dag:** 2019.05.03  
(87) **EP publ.dag:** 2020.11.04  
(80) **EP meddelt :** 2021.11.10  
(73) **Innehaver:**  
Volkman & Roszbach GmbH & Co. KG, Hohe Strasse 9-1756410 Montabaur, DE-Tyskland

(72) **Oppfinner:**  
Volkman, Vanessa Manuela, 56410 Montabaur, DE-Tyskland  
Dröge, Jan Eike, 53123 Bonn, DE-Tyskland  
Heisig, Tobias, 56170 Bendorf, DE-Tyskland  
Schnitzler, Hans-Jürgen, 53567 Buchholz, DE-Tyskland

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

(54) **Benevnelse:**  
VEHICLE RETENTION SYSTEM

- (51) **Klasse :** *E01H 5/04 (2006.01)*  
*E01H 5/09 (2006.01)*
- (87) **EP Publ.nr:** EP3433431
- (86) **EP søkn.nr:** 17770942.5
- (86) **EP innl.dag:** 2017.03.21
- (87) **EP publ.dag:** 2019.01.30
- (80) **EP meddelt :** 2021.10.13
- (30) **Prioritet:** 2016.03.21, US, 201615075828
- (86) **Int.inndag :** 2017.03.21
- (86) **Int.søknadsnr :** PCT/US2017/023306
- (73) **Innehaver:**  
Ariens Company, 655 West Ryan StreetBrillion, Wisconsin  
54110, US-USA
- (72) **Oppfinner:**  
MAILE, William, D., 1618 Mallard RoadDe Pere, WI 54115,  
US-USA  
KEY, Craig, 608 St. George StreetGreen Bay, WI 54302,  
US-USA  
BOGENSCHUTZ, Brett, N3977 Shamrock CircleAppleton,  
WI 54913, US-USA  
SCHISEL, Travis, 2010 North County Road SCato, WI  
54230, US-USA  
DESCHLER, Scott, E., W5853 Easter Lily DriveAppleton,  
WI 54915, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
SNOW THROWER TRACK DRIVE

- (51) **Klasse :** *E02F 9/06 (2006.01)*  
*B63B 39/00 (2006.01)*  
*B66C 13/02 (2006.01)*  
*B66D 1/52 (2006.01)*  
*E02F 9/22 (2006.01)*  
*E21B 19/00 (2006.01)*  
*E21B 19/09 (2006.01)*
- (87) **EP Publ.nr:** EP3250763
- (86) **EP søkn.nr:** 16715361.8
- (86) **EP innl.dag:** 2016.01.28
- (87) **EP publ.dag:** 2017.12.06
- (80) **EP meddelt :** 2021.10.20
- (30) **Prioritet:** 2015.01.29, NL, 2014212
- (86) **Int.inndag :** 2016.01.28
- (86) **Int.søknadsnr :** PCT/NL2016/050066
- (73) **Innehaver:**  
IHC Holland IE B.V., Molendijk 943361 EP Sliedrecht, NL-  
Nederland
- (72) **Oppfinner:**  
KNOL, Albertus, Mozartstraat 123281 TE Numansdorp, NL-  
Nederland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMPENSATOR DEVICE

- (51) **Klasse :** *E04B 1/02 (2006.01)*  
*E04B 1/61 (2006.01)*  
*E04B 1/94 (2006.01)*  
*E04C 2/284 (2006.01)*
- (87) **EP Publ.nr:** EP3652388
- (86) **EP søkn.nr:** 18739812.8
- (86) **EP innl.dag:** 2018.07.04
- (87) **EP publ.dag:** 2020.05.20
- (80) **EP meddelt :** 2021.08.25
- (30) **Prioritet:** 2017.07.10, DK, PA201700407
- (86) **Int.inndag :** 2018.07.04
- (86) **Int.søknadsnr :** PCT/EP2018/068051
- (73) **Innehaver:**  
AMOVIDO A/S, Langemosevænget 25853 Ørbæk, DK-  
Danmark
- (72) **Oppfinner:**  
MØLLER, Jens, Pivovarska 1070/801001 Zilina, SK-  
Slovakia
- (74) **Fullmektig:**  
Tropa ApS, Aagade 97, 1. sal, 8370 HADSTEN, Danmark
- (54) **Benevnelse:**  
BUILDING CONSTRUCTION SYSTEM

- (51) **Klasse :** *E04B 1/76 (2006.01)*  
*E04F 13/08 (2006.01)*  
*E04F 13/12 (2006.01)*
- (87) **EP Publ.nr:** EP3751069
- (86) **EP søkn.nr:** 19179936.0
- (86) **EP innl.dag:** 2019.06.13
- (87) **EP publ.dag:** 2020.12.16
- (80) **EP meddelt :** 2021.11.10
- (73) **Innehaver:**  
Rautaruukki Oyj, Panuntie 1100620 Helsinki, FI-Finland
- (72) **Oppfinner:**  
KESTI, Jyrki, 00250 Helsinki, FI-Finland  
HONKAKOSKI, Erkki, 38200 Sastamala, FI-Finland
- (74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge
- (54) **Benevnelse:**  
FASTENING SYSTEM FOR FASTENING SANDWICH-  
STRUCTURED COMPOSITE PANELS TO A SUPPORT  
STRUCTURE

- (51) **Klasse :** *E04F 11/18 (2006.01)*  
*F21V 8/00 (2006.01)*  
*F21V 33/00 (2006.01)*
- (87) **EP Publ.nr:** EP3543420
- (86) **EP søkn.nr:** 18162972.6
- (86) **EP innl.dag:** 2018.03.20
- (87) **EP publ.dag:** 2019.09.25
- (80) **EP meddelt :** 2021.10.20
- (73) **Innehaver:**  
Bangratz, René, Paul-Göbel-Strasse 174076 Heilbronn,  
DE-Tyskland
- (72) **Oppfinner:**  
Bangratz, René, Paul-Göbel-Strasse 174076 Heilbronn,  
DE-Tyskland
- (74) **Fullmektig:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- (54) **Benevnelse:**  
PROFILE SYSTEM WITH A LIGHT HOLDING RAIL

- (51) **Klasse :** *E21B 3/02 (2006.01)*  
*E21B 19/00 (2006.01)*
- (87) **EP Publ.nr:** EP3334890  
(86) **EP søkn.nr:** 16753565.7  
(86) **EP innl.dag:** 2016.08.11  
(87) **EP publ.dag:** 2018.06.20  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2015.08.11, US, 201562203692 P  
(86) **Int.inndag :** 2016.08.11  
(86) **Int.søknadsnr :** PCT/US2016/046445  
(73) **Innehaver:**  
Weatherford Technology Holdings, LLC, 2000, St. James  
PlaceHouston, TX 77056, US-USA
- (72) **Oppfinner:**  
HEBE BRAND, Christina Karin, Lauckert Hof 1030419  
Hannover, DE-Tyskland  
THIEMANN, Bjoern, Johannes-Schrader-Ring 3630938  
Burgwedel, DE-Tyskland  
LIESS, Martin, Stoeckener Strasse 12 B30926 Seelze, DE-  
Tyskland  
WERN, Frank, Grethe-Juergens-Strasse 4030655  
Hannover, DE-Tyskland  
ZOUHAIR, Aicam, 9007 Laverne Park LaneHouston, Texas  
77080, US-USA  
OWNBY, John Fielding, 9125 Highway 6 NorthApt.  
524Houston, Texas 77095, US-USA
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
TOOL DETECTION AND ALIGNMENT FOR TOOL  
INSTALLATION

- (51) **Klasse :** *E21B 19/14 (2006.01)*  
*F16L 3/00 (2006.01)*
- (87) **EP Publ.nr:** EP3708765  
(86) **EP søkn.nr:** 20171751.9  
(86) **EP innl.dag:** 2017.07.04  
(87) **EP publ.dag:** 2020.09.16  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2016.07.05, GB, 201611744  
2016.09.05, GB, 201615037  
2016.11.09, GB, 201618910  
2016.11.09, GB, 201618935  
2017.01.19, GB, 201700925  
2017.01.25, GB, 201701273  
2017.02.28, GB, 201703269  
2017.04.03, GB, 201705355
- (73) **Innehaver:**  
Salunda Limited, 6 Avonbury Business ParkHowes  
LaneBicesterOxfordshire OX26 2UA, GB-Storbritannia
- (72) **Oppfinner:**  
FINLAY, Alan Patrick John, MonktonAshfield Park  
RoadRoss-on-WyeHerefordshire HR9 5AS, GB-  
Storbritannia  
NEWTON, John Mark, 36 Kysbie CloseAbingdon,  
Oxfordshire OX14 1XY, GB-Storbritannia  
LARKINS, Andrew Henry John, 88 Speen MoorsNewbury,  
Berkshire RG14 1RU, GB-Storbritannia  
DAVIS, Mathew William, Chy RynHendra RoadStithians,  
Cornwall TR3 7AN, GB-Storbritannia  
NICHOLLS, Grant, 37 Montfort CollegeBotley  
RoadRomsey, Hampshire SO51 5PL, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
FINGERBOARD LATCH ASSEMBLY

- (51) **Klasse :** *E21B 23/03 (2006.01)*  
*E21B 23/04 (2006.01)*  
*E21B 23/06 (2006.01)*
- (87) **EP Publ.nr:** EP3571373  
(86) **EP søkn.nr:** 18741139.2  
(86) **EP innl.dag:** 2018.01.19  
(87) **EP publ.dag:** 2019.11.27  
(80) **EP meddelt :** 2021.10.27  
(30) **Prioritet:** 2017.01.19, US, 201762448236 P  
(86) **Int.inndag :** 2018.01.19  
(86) **Int.søknadsnr :** PCT/US2018/014547  
(73) **Innehaver:**  
Hunting Titan Inc., 11785 Highway 152Pampa, TX 79065,  
US-USA
- (72) **Oppfinner:**  
COVALT, Johnny, 444 East Renfro Apt. 2220Burleson, TX  
76028, US-USA  
HENKE, Joseph, Albert, 1846 County Rd. 197Hallettsville,  
TX 77964, US-USA  
GRIFFIN, Roger, 1508 Azle HwyWeatherford, TX 76085,  
US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMPACT SETTING TOOL

- (51) **Klasse :** *E21B 36/00 (2006.01)*  
*E21B 43/01 (2006.01)*  
*F16L 59/16 (2006.01)*
- (87) **EP Publ.nr:** EP3344849  
(86) **EP søkn.nr:** 16722492.2  
(86) **EP innl.dag:** 2016.05.04  
(87) **EP publ.dag:** 2018.07.11  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2015.09.03, US, 201514844550  
(86) **Int.inndag :** 2016.05.04  
(86) **Int.søknadsnr :** PCT/US2016/030633  
(73) **Innehaver:**  
FMC Technologies, Inc., 5875 North Sam Houston  
Parkway WestHouston, TX 77086, US-USA
- (72) **Oppfinner:**  
WHITSITT, Elizabeth, Houston, TX 77086, US-USA  
SILVA-HERNANDEZ, Carlos, Ardenis, Houston, TX 77086,  
US-USA  
HERST, Matthew, R., Houston, TX 77086, US-USA  
JONES, Warren, P., Houston, TX 77086, US-USA  
WABNITZ, Frank, Houston, TX 77086, US-USA
- (74) **Fullmektig:**  
FMC Technologies, Inc., 5875 North Sam Houston  
Parkway West, TX77986 HOUSTON, USA
- (54) **Benevnelse:**  
HIGH TEMPERATURE INSULATION SYSTEM AND  
METHOD



- (51) **Klasse :** *E21B 43/08 (2006.01)*  
*E21B 43/10 (2006.01)*
- (87) **EP Publ.nr:** EP3090124
- (86) **EP søkn.nr:** 14824916.2
- (86) **EP innl.dag:** 2014.12.29
- (87) **EP publ.dag:** 2016.11.09
- (80) **EP meddelt :** 2021.09.29
- (30) **Prioritet:** 2013.12.30, GB, 201323121
- (86) **Int.inndag :** 2014.12.29
- (86) **Int.søknadsnr :** PCT/GB2014/053851
- (73) **Innehaver:**  
Halliburton Manufacturing and Services Limited, Building 4  
566 Chiswick High Road London W4 5YE, GB-Storbritannia
- (72) **Oppfinner:**  
BRUCE, Stephen Edmund, Darcy House Kintore Business  
Park Kintore Aberdeen, Aberdeenshire AB51 0YQ, GB-  
Storbritannia  
GRANT, David, Darcy House Kintore Business  
Park Kintore Aberdeen, Aberdeenshire AB51 0YQ, GB-  
Storbritannia  
WALLACE, Scott Elliott, Darcy House Kintore Business  
Park Kintore Aberdeen, Aberdeenshire AB51 0YQ, GB-  
Storbritannia
- (74) **Fullmektig:**  
A.A. Thornton & Co., Octagon Point, 5 Cheapside,  
EC2V6AA LONDON, Storbritannia
- (54) **Benevnelse:**  
DOWNHOLE APPARATUS

- (51) **Klasse :** *E21B 47/0224 (2012.01)*  
*E21B 47/13 (2012.01)*  
*G01V 3/28 (2006.01)*
- (87) **EP Publ.nr:** EP2909438
- (86) **EP søkn.nr:** 13891640.8
- (86) **EP innl.dag:** 2013.12.27
- (87) **EP publ.dag:** 2015.08.26
- (80) **EP meddelt :** 2021.11.17
- (86) **Int.inndag :** 2013.12.27
- (86) **Int.søknadsnr :** PCT/US2013/078107
- (73) **Innehaver:**  
Halliburton Energy Services, Inc., 10200 Bellaire  
Boulevard Houston, TX 77072, US-USA
- (72) **Oppfinner:**  
RODNEY, Paul F., Spring, Texas 77389, US-USA
- (74) **Fullmektig:**  
Hoffmann Eitle Patent- und Rechtsanwälte PartmbB,  
Arabellastrasse 30, 81925 MÜNCHEN, Tyskland
- (54) **Benevnelse:**  
TARGET WELL RANGING METHOD, APPARATUS, AND  
SYSTEM

- (51) **Klasse :** *E21B 47/117 (2012.01)*  
*E21B 47/11 (2012.01)*  
*G01M 3/28 (2006.01)*
- (87) **EP Publ.nr:** EP3565952
- (86) **EP søkn.nr:** 18736772.7
- (86) **EP innl.dag:** 2018.01.05
- (87) **EP publ.dag:** 2019.11.13
- (80) **EP meddelt :** 2021.10.13
- (30) **Prioritet:** 2017.01.06, NO, 20170026  
2017.02.21, NO, 20170248  
2017.06.23, NO, 20171031
- (86) **Int.inndag :** 2018.01.05
- (86) **Int.søknadsnr :** PCT/NO2018/050003
- (73) **Innehaver:**  
Exedra AS, Bøkelunden 44018 Stavanger Norge
- (72) **Oppfinner:**  
PEDERSEN, Bernt Reinhardt, Bøkelunden 44018  
Stavanger Norge
- (74) **Fullmektig:**  
HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
STAVANGER, Norge
- (54) **Benevnelse:**  
PLUG, SYSTEM AND METHOD FOR TESTING THE  
INTEGRITY OF A WELL BARRIER

- (51) **Klasse :** *E21D 21/00 (2006.01)*
- (87) **EP Publ.nr:** EP3655629
- (86) **EP søkn.nr:** 18788888.8
- (86) **EP innl.dag:** 2018.09.14
- (87) **EP publ.dag:** 2020.05.27
- (80) **EP meddelt :** 2021.11.03
- (30) **Prioritet:** 2017.09.15, ZA, 201706266
- (86) **Int.inndag :** 2018.09.14
- (86) **Int.søknadsnr :** PCT/IB2018/057068
- (73) **Innehaver:**  
Rand York Castings (Pty) Limited, 4 Lagoon Drive  
Umhlanga Rocks 4319 Durban, ZA-Sør-Afrika
- (72) **Oppfinner:**  
CORBETT, Michael Robert, 4319 Durban, ZA-Sør-Afrika
- (74) **Fullmektig:**  
Cosmovici Intellectual Property, Rue du Commerce 4, 1204  
GENÈVE, Sveits
- (54) **Benevnelse:**  
A ROCK BOLT

- (51) **Klasse :** *F02B 23/00 (2006.01)*  
*F02B 23/06 (2006.01)*  
*F02D 19/02 (2006.01)*  
*F02D 19/10 (2006.01)*  
*F02F 3/00 (2006.01)*
- (87) **EP Publ.nr:** EP3295003
- (86) **EP søkn.nr:** 15725691.8
- (86) **EP innl.dag:** 2015.05.12
- (87) **EP publ.dag:** 2018.03.21
- (80) **EP meddelt :** 2021.11.17
- (86) **Int.inndag :** 2015.05.12
- (86) **Int.søknadsnr :** PCT/FI2015/050316
- (73) **Innehaver:**  
Wärtsilä Finland Oy, Järvikatu 2-465100 Vaasa, FI-Finland
- (72) **Oppfinner:**  
NURMI, Hannu, 65100 Vaasa, FI-Finland
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
A PISTON FOR A FOUR-STROKE INTERNAL  
COMBUSTION ENGINE AND A FOUR-STROKE  
INTERNAL COMBUSTION ENGINE

(51) **Klasse :** *F02C 3/22 (2006.01)*  
*F01K 13/02 (2006.01)*  
*F01K 25/10 (2006.01)*  
*F02C 1/08 (2006.01)*  
*F02C 3/34 (2006.01)*  
*F02C 7/08 (2006.01)*

(87) **EP Publ.nr:** EP3308004  
(86) **EP søkn.nr:** 16738244.9  
(86) **EP innl.dag:** 2016.06.13  
(87) **EP publ.dag:** 2018.04.18  
(80) **EP meddelt :** 2021.09.29  
(30) **Prioritet:** 2015.06.15, US, 201562175886 P  
(86) **Int.inndag :** 2016.06.13  
(86) **Int.søknadsnr :** PCT/US2016/037192  
(73) **Innehaver:**  
8 Rivers Capital, LLC, 406 Blackwell Street, 4th  
FloorDurham, North Carolina 27701, US-USA

(72) **Oppfinner:**  
FETVEDT, Jeremy Eron, 4805 Dundee PlaceRaleigh,  
North Carolina 27612, US-USA  
FORREST, Brock Alan, 2113 Englewood Avenue  
DNDurham, North Carolina 27705, US-USA

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

(54) **Benevnelse:**  
SYSTEM AND METHOD FOR STARTUP OF A POWER  
PRODUCTION PLANT

(51) **Klasse :** *F03D 7/02 (2006.01)*  
*F03D 13/00 (2016.01)*  
*F03D 17/00 (2016.01)*  
*F03D 80/70 (2016.01)*  
*F16C 19/38 (2006.01)*  
*F16C 19/52 (2006.01)*  
*F16C 25/06 (2006.01)*

(87) **EP Publ.nr:** EP3004635  
(86) **EP søkn.nr:** 14727866.7  
(86) **EP innl.dag:** 2014.06.05  
(87) **EP publ.dag:** 2016.04.13  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2013.06.07, GB, 201310210  
(86) **Int.inndag :** 2014.06.05  
(86) **Int.søknadsnr :** PCT/EP2014/061751  
(73) **Innehaver:**  
Equinor Energy AS, Forusbeen 504035 StavangerNorge

(72) **Oppfinner:**  
KIBSGAARD, Svend Tarald, N-3912 PorsgrunnNorge  
TORSVIK, Jone, N-5251 SøreidgrendNorge  
BRENNE, Lars, NO-4326 SandnesNorge

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

(54) **Benevnelse:**  
WIND TURBINE CONTROL

(51) **Klasse :** *F04D 13/02 (2006.01)*  
*F04D 29/60 (2006.01)*

(87) **EP Publ.nr:** EP3025062  
(86) **EP søkn.nr:** 14748049.5  
(86) **EP innl.dag:** 2014.07.17  
(87) **EP publ.dag:** 2016.06.01  
(80) **EP meddelt :** 2021.08.25  
(30) **Prioritet:** 2013.07.24, US, 201313949919  
(86) **Int.inndag :** 2014.07.17  
(86) **Int.søknadsnr :** PCT/US2014/047032  
(73) **Innehaver:**  
Baker Hughes ESP, Inc., 5500 SE 59th StreetOklahoma  
City, OK 73135, US-USA

(72) **Oppfinner:**  
JUAREZ ORTEGA, Pedro, Arturo, 6500 S. E. 59th  
StreetOklahoma City, OK 73135, US-USA  
NELSON, Andrew, Michael, 5500 S.E. 59th  
StreetOklahoma City, OK 73135-4530, US-USA  
SPICER, Alan, 5500 S.E. 59th StreetOklahoma City, OK  
73135, US-USA  
CAMPBELL, Michael, David, 5500 S.E. 59th  
StreetOklahoma City, OK 73135, US-USA

(74) **Fullmektig:**  
O3C Konsult AB, Box 6088, 17106 SOLNA, Sverige

(54) **Benevnelse:**  
FIXED SUCTION CHAMBER WITH REAR AND FRONT  
SEAL REMOVAL

(51) **Klasse :** *F16B 9/02 (2006.01)*  
*H02G 3/00 (2006.01)*

(87) **EP Publ.nr:** EP3388690  
(86) **EP søkn.nr:** 17000607.6  
(86) **EP innl.dag:** 2017.04.10  
(87) **EP publ.dag:** 2018.10.17  
(80) **EP meddelt :** 2021.09.22  
(73) **Innehaver:**  
HALFEN GmbH, Liebigstrasse 1440764 Langenfeld, DE-  
Tyskland

(72) **Oppfinner:**  
Albartus, Dirk, Erlenstr. 1644795 Bochum, DE-Tyskland  
Michalik, Regina, Alfred-Nobel-Str. 5142651 Solingen, DE-  
Tyskland  
Van de Schoor, Paulus, Reinholdstr. 1851147 Köln, DE-  
Tyskland  
Mihajlov, Viktor, Volksgartenstr. 2140227 Düsseldorf, DE-  
Tyskland

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

(54) **Benevnelse:**  
BRACKET FOR FIXING SUPPLY LINES OR THE LIKE TO  
A WALL

(51) **Klasse :** *F16B 12/10 (2006.01)*  
*A47B 47/00 (2006.01)*  
*F16B 5/00 (2006.01)*  
*F16B 5/06 (2006.01)*  
*F16B 12/12 (2006.01)*  
*F16B 12/26 (2006.01)*  
*F16B 12/44 (2006.01)*

(87) **EP Publ.nr:** EP3650713  
(86) **EP søkn.nr:** 19217996.8  
(86) **EP innl.dag:** 2012.05.04  
(87) **EP publ.dag:** 2020.05.13  
(80) **EP meddelt :** 2021.09.15  
(30) **Prioritet:** 2011.05.06, SE, 1150400  
2011.05.06, US, 201161483444 P

(73) **Innehaver:**  
Vålinge Innovation AB, Prästavägen 513263 64 Viken, SE-Sverige

(72) **Oppfinner:**  
PERVAN, Darko, Bygatan 30263 61 Viken, SE-Sverige  
HÅKANSSON, Niclas, Syllstensgatan 19263 65 Viken, SE-Sverige

(74) **Fullmektig:**  
Vålinge Innovation AB, Prästavägen 513, 26364 VIKEN, Sverige

(54) **Benevnelse:**  
MECHANICAL LOCKING SYSTEM FOR FURNITURE PANELS

(51) **Klasse :** *F16J 15/16 (2006.01)*  
*F16J 15/00 (2006.01)*  
*F16J 15/44 (2006.01)*  
*F16J 15/54 (2006.01)*

(87) **EP Publ.nr:** EP3565990  
(86) **EP søkn.nr:** 17890541.0  
(86) **EP innl.dag:** 2017.12.27  
(87) **EP publ.dag:** 2019.11.13  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2017.01.06, US, 201762498823 P  
2017.03.06, US, 201762600949 P  
2017.12.06, US, 201715833593

(86) **Int.inndag :** 2017.12.27  
(86) **Int.søknadsnr :** PCT/US2017/068511

(73) **Innehaver:**  
Kalsi Engineering, Inc., 745 Park Two Drive Sugar Land, TX 77478, US-USA

(72) **Oppfinner:**  
DIETLE, Lannie Laroy, Arnold, MD 21012, US-USA

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

(54) **Benevnelse:**  
HIGH PRESSURE DYNAMIC SEALING DEVICE

(51) **Klasse :** *F16K 31/52 (2006.01)*  
*E21B 41/00 (2006.01)*  
*F16K 3/02 (2006.01)*

(87) **EP Publ.nr:** EP3546809  
(86) **EP søkn.nr:** 19166314.5  
(86) **EP innl.dag:** 2019.03.29  
(87) **EP publ.dag:** 2019.10.02  
(80) **EP meddelt :** 2021.10.20  
(30) **Prioritet:** 2018.03.29, DE, 102018107644

(73) **Innehaver:**  
WITTENSTEIN SE, Walter-Wittenstein-Straße 197999 Igersheim, DE-Tyskland

(72) **Oppfinner:**  
Glaser, Markus, Neulerstr. 573460 Hüttlingen, DE-Tyskland  
Schreck, Robert, Bundesstr. 4697941 Tauberbischofsheim-Distelhausen, DE-Tyskland

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

(54) **Benevnelse:**  
SUBMARINE SHUT-OFF DEVICE

(51) **Klasse :** *F16L 15/00 (2006.01)*  
*F16L 19/00 (2006.01)*  
*F16B 7/06 (2006.01)*  
*F16B 7/18 (2006.01)*  
*F16B 33/02 (2006.01)*

(87) **EP Publ.nr:** EP3529525  
(86) **EP søkn.nr:** 17794829.6  
(86) **EP innl.dag:** 2017.10.18  
(87) **EP publ.dag:** 2019.08.28  
(80) **EP meddelt :** 2021.12.01  
(30) **Prioritet:** 2016.10.18, US, 201662409823 P  
(86) **Int.inndag :** 2017.10.18  
(86) **Int.søknadsnr :** PCT/US2017/057239

(73) **Innehaver:**  
Carrier Corporation, 17900 Beeline Highway Jupiter, FL 33458, US-USA

(72) **Oppfinner:**  
PENDEN, Karl Fredrik, Ashland MA 01721, US-USA

(74) **Fullmektig:**  
Carrier Corporation, 17900 Beeline Highway, FL33458 JUPITER, USA

(54) **Benevnelse:**  
SYSTEM HAVING PRESSURIZED FLUID FLOWING THERETHROUGH COMPRISING A COUPLING NUT

(51) **Klasse :** *F16L 17/00 (2006.01)*  
*F16L 21/02 (2006.01)*  
*F16L 33/16 (2006.01)*  
*H02G 15/013 (2006.01)*

(87) **EP Publ.nr:** EP2550474  
(86) **EP søkn.nr:** 11759825.0  
(86) **EP innl.dag:** 2011.03.21  
(87) **EP publ.dag:** 2013.01.30  
(80) **EP meddelt :** 2021.09.22  
(30) **Prioritet:** 2010.03.22, US, 661712  
(86) **Int.inndag :** 2011.03.21  
(86) **Int.søknadsnr :** PCT/US2011/000516

(73) **Innehaver:**  
FMC Technologies, Inc., 11740 Katy Fwy Houston, Texas 77079, US-USA

(72) **Oppfinner:**  
BACA, Brian J., 15903 Timber Valley Drive Houston, TX 77070, US-USA

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

(54) **Benevnelse:**  
BI-DIRECTIONAL SEAL ASSEMBLY

- (51) **Klasse :** *F16L 17/04 (2006.01)*  
*B21D 17/04 (2006.01)*
- (87) **EP Publ.nr:** EP3408573  
(86) **EP søkn.nr:** 17744704.2  
(86) **EP innl.dag:** 2017.01.19  
(87) **EP publ.dag:** 2018.12.05  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2016.01.26, US, 201662287015 P  
(86) **Int.inndag :** 2017.01.19  
(86) **Int.søknadsnr :** PCT/US2017/014015  
(73) **Innehaver:**  
Victaulic Company, 4901 Kesslersville RoadEaston, PA  
18040, US-USA
- (72) **Oppfinner:**  
MADARA, Scott, D., NazarethPA 18064, US-USA  
SHAH, Amit, R., QuakertownPA 18951, US-USA  
DOLE, Douglas, R., Whitehouse StationNJ 08889, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMBINATION COMPRISING A COUPLING AND A PIPE  
ELEMENT HAVING WEDGING GROOVE

- (51) **Klasse :** *F16L 21/06 (2006.01)*  
*F16L 17/04 (2006.01)*  
*F16L 19/02 (2006.01)*  
*F16L 19/10 (2006.01)*  
*F16L 19/12 (2006.01)*  
*F16L 21/00 (2006.01)*  
*F16L 21/02 (2006.01)*  
*F16L 21/08 (2006.01)*  
*F16L 23/08 (2006.01)*  
*F16L 37/091 (2006.01)*
- (87) **EP Publ.nr:** EP3458763  
(86) **EP søkn.nr:** 17799935.6  
(86) **EP innl.dag:** 2017.05.15  
(87) **EP publ.dag:** 2019.03.27  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2016.05.16, US, 201662336879 P  
2016.05.16, US, 201662336885 P  
(86) **Int.inndag :** 2017.05.15  
(86) **Int.søknadsnr :** PCT/US2017/032601  
(73) **Innehaver:**  
Victaulic Company, 4901 Kesslersville RoadEaston, PA  
18040, US-USA
- (72) **Oppfinner:**  
BOWMAN, Matthew, A., 2215 Donald StreetPalmer, PA  
18045, US-USA  
BANCROFT, Philip, Wayne, 24 Tamarack RoadBelvidere,  
NJ 07823, US-USA  
MADARA, Scott, D., 309 Meyer RoadNazareth, PA 18064,  
US-USA  
YOVANOVICH, Kathryn, 3541 Gun Club RoadNazareth,  
PA 18064, US-USA  
SAVAGE, Thomas, C., 4221 Aly DriveDoylestown, PA  
18902, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
SPRUNG COUPLING

- (51) **Klasse :** *F16L 29/04 (2006.01)*  
*B63B 27/24 (2006.01)*  
*F16L 55/10 (2006.01)*
- (87) **EP Publ.nr:** EP3482115  
(86) **EP søkn.nr:** 17751155.7  
(86) **EP innl.dag:** 2017.06.30  
(87) **EP publ.dag:** 2019.05.15  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2016.07.05, SE, 1650978  
(86) **Int.inndag :** 2017.06.30  
(86) **Int.søknadsnr :** PCT/SE2017/050731  
(73) **Innehaver:**  
Mann Teknik AB, Strandvägen 16542 31 Mariestad, SE-  
Sverige
- (72) **Oppfinner:**  
LILLIESKÖLD, Johan, Vendeluddsvägen 71179 97  
FÄRENTUNA, SE-Sverige  
KOPPLIN, Gerhard, Västerliden 22548 73 LYRESTAD, SE-  
Sverige  
ADAMSSON, Fredrik, Sjöängen Karlsberg 1542 94  
MARIESTAD, SE-Sverige  
BÄCKSTRÖM, Markus, Vadsbovägen 3A542 32  
MARIESTAD, SE-Sverige
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
POWERED EMERGENCY RELEASED COUPLING  
CONTROL AND MONITORING SYSTEM

- (51) **Klasse :** *F17C 1/16 (2006.01)*  
*F17C 1/06 (2006.01)*
- (87) **EP Publ.nr:** EP3784951  
(86) **EP søkn.nr:** 19720109.8  
(86) **EP innl.dag:** 2019.04.24  
(87) **EP publ.dag:** 2021.03.03  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2018.04.26, DE, 102018110049  
(86) **Int.inndag :** 2019.04.24  
(86) **Int.søknadsnr :** PCT/EP2019/060459  
(73) **Innehaver:**  
NPROXX B.V., Vogt 216422 RK Heerlen, NL-Nederland
- (72) **Oppfinner:**  
BÄUMER, Tristan, 51063 Köln, DE-Tyskland
- (74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
METHOD FOR PRODUCING A FIBRE-REINFORCED  
PRESSURE VESSEL WITH POLE CAP  
REINFORCEMENT

- (51) **Klasse :** *F17C 3/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3444520  
 (86) **EP søkn.nr:** 18184482.0  
 (86) **EP innl.dag:** 2018.07.19  
 (87) **EP publ.dag:** 2019.02.20  
 (80) **EP meddelt :** 2021.09.15  
 (30) **Prioritet:** 2017.08.18, DE, 102017118951  
 (73) **Innehaver:**  
 ArianeGroup GmbH, Robert-Koch-Straße 182024  
 Taufkirchen, DE-Tyskland  
 (72) **Oppfinner:**  
 Behruzi, Kei Philipp, c/o ArianeGroup GmbH Airbus Allee  
 128199 Bremen, DE-Tyskland  
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 GmbH Airbus Allee 128199 Bremen, DE-Tyskland  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 KJØLING AV EN AVDAMPNING AV FLYTENDE GASS  
 FOR DRIFT AV MASKINER, ANLEGG ELLER  
 KJØRETØYER

- (51) **Klasse :** *F17C 13/00 (2006.01)*  
*B32B 3/12 (2006.01)*  
*B32B 3/26 (2006.01)*  
*B32B 15/04 (2006.01)*  
*B32B 27/28 (2006.01)*  
*B60K 15/00 (2006.01)*  
*F16L 9/14 (2006.01)*  
*F17C 1/02 (2006.01)*  
 (87) **EP Publ.nr:** EP2588797  
 (86) **EP søkn.nr:** 11804200.1  
 (86) **EP innl.dag:** 2011.06.29  
 (87) **EP publ.dag:** 2013.05.08  
 (80) **EP meddelt :** 2021.11.17  
 (30) **Prioritet:** 2010.06.29, US, 359502 P  
 2011.06.29, US, 201113172386  
 (86) **Int.inndag :** 2011.06.29  
 (86) **Int.søknadsnr :** PCT/US2011/042439  
 (73) **Innehaver:**  
 H2Safe, LLC, 10275 Century Woods Drive Los Angeles, CA  
 90067-6312, US-USA  
 (72) **Oppfinner:**  
 WEISBERG, Andrew, Los Angeles California 90067-6312,  
 US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 FLUID CONTAINER

- (51) **Klasse :** *F21V 21/116 (2006.01)*  
*F21V 21/14 (2006.01)*  
*F21S 8/08 (2006.01)*  
*F21W 131/103 (2006.01)*  
 (87) **EP Publ.nr:** EP3671031  
 (86) **EP søkn.nr:** 18460076.5  
 (86) **EP innl.dag:** 2018.12.20  
 (87) **EP publ.dag:** 2020.06.24  
 (80) **EP meddelt :** 2021.09.22  
 (73) **Innehaver:**  
 Lug Light Factory Sp. z o.o., ul. Gorzowska 1165-127  
 Zielona Góra, PL-Polen  
 (72) **Oppfinner:**  
 Romaniuk, Michal, ul. Targowa 58a/1426-400 Przysucha,  
 PL-Polen  
 Wiczorek, Kamil, ul. Stokrotkowa 4465-012 Zielona Góra,  
 PL-Polen  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 MOUNTING BRACKET

- (51) **Klasse :** *F21V 21/35 (2006.01)*  
*F21S 8/00 (2006.01)*  
*F21V 23/06 (2006.01)*  
*F21S 2/00 (2016.01)*  
*F21V 21/096 (2006.01)*  
*F21V 23/02 (2006.01)*  
 (87) **EP Publ.nr:** EP3495726  
 (86) **EP søkn.nr:** 18210597.3  
 (86) **EP innl.dag:** 2018.12.05  
 (87) **EP publ.dag:** 2019.06.12  
 (80) **EP meddelt :** 2021.10.20  
 (30) **Prioritet:** 2017.12.06, IT, 201700141232  
 (73) **Innehaver:**  
 A.A.G. Stucchi S.r.l., Via IV Novembre 30/3223854  
 Olginate, IT-Italia  
 (72) **Oppfinner:**  
 STUCCHI, Aristide, Via Salerno, 423900 LECCO, IT-Italia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 LIGHTING APPARATUS, POWER-SUPPLY APPARATUS,  
 COUPLING APPARATUS AND LIGHTING SYSTEM

- (51) **Klasse :** *G01B 11/06 (2006.01)*  
*G01B 21/04 (2006.01)*  
*G01N 21/3581 (2014.01)*  
*G01N 21/89 (2006.01)*  
*G01S 13/88 (2006.01)*  
 (87) **EP Publ.nr:** EP3526542  
 (86) **EP søkn.nr:** 17791562.6  
 (86) **EP innl.dag:** 2017.10.17  
 (87) **EP publ.dag:** 2019.08.21  
 (80) **EP meddelt :** 2021.09.22  
 (30) **Prioritet:** 2016.10.17, DE, 102016119728  
 (86) **Int.inndag :** 2017.10.17  
 (86) **Int.søknadsnr :** PCT/DE2017/100891  
 (73) **Innehaver:**  
 iNOEX GmbH Innovationen und Ausrüstungen für die  
 Extrusionstechnik, Maschweg 7049324 Melle, DE-Tyskland  
 (72) **Oppfinner:**  
 KLOSE, Ralph, Ullersdorfer Straße 1949324 Melle, DE-  
 Tyskland  
 BÖHM, Roland, Am Eschhuesbach 50b48341 Altenberge,  
 DE-Tyskland  
 (74) **Fullmektig:**  
 Novagraaf Brevets, Bâtiment O2, 2 rue Sarah Bernhardt  
 CS90017, 92665 ASNIÈRES-SUR-SEINE CEDEX,  
 Frankrike  
 (54) **Benevnelse:**  
 TERAHERTZ MEASUREMENT DEVICE FOR  
 DETERMINING A LAYER THICKNESS OF A TEST  
 OBJECT AND CORRESPONDING MEASURING  
 METHOD

- (51) **Klasse :** *G01D 4/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3495780  
 (86) **EP søkn.nr:** 17205468.6  
 (86) **EP innl.dag:** 2017.12.05  
 (87) **EP publ.dag:** 2019.06.12  
 (80) **EP meddelt :** 2021.11.03  
 (73) **Innehaver:**  
 Fortum OYJ, Keilaniementie 102150 Espoo, FI-Finland  
 (72) **Oppfinner:**  
 Khongbantabam, Nabakumar Singh, 00048 FORTUM, FI-  
 Finland  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 UTILITY USAGE CLASSIFICATION

(51) **Klasse :** *G01D 5/12 (2006.01)*  
 (87) **EP Publ.nr.:** EP3690407  
 (86) **EP søkn.nr.:** 19154135.8  
 (86) **EP innl.dag:** 2019.01.29  
 (87) **EP publ.dag:** 2020.08.05  
 (80) **EP meddelt :** 2021.09.08  
 (73) **Innehaver:**  
 Lunatone Industrielle Elektronik GmbH, Paukerwerkstrasse  
 51210 Wien, AT-Østerrike  
 (72) **Oppfinner:**  
 Mair, Alexander, Sandberggasse 52285 Breitstetten, AT-  
 Østerrike  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 ROTARY DIMMER

(51) **Klasse :** *G01N 23/046 (2018.01)*  
 (87) **EP Publ.nr.:** EP3690429  
 (86) **EP søkn.nr.:** 19155347.8  
 (86) **EP innl.dag:** 2019.02.04  
 (87) **EP publ.dag:** 2020.08.05  
 (80) **EP meddelt :** 2021.11.03  
 (73) **Innehaver:**  
 MICROTEC S.r.l., Via Julius Durst 9839042 Bressanone  
 (Bolzano), IT-Italia  
 (72) **Oppfinner:**  
 URSELLA, Enrico, 30174 Mestre (VE), IT-Italia  
 BOSCHETTI, Marco, 38056 Levico Terme (TN), IT-Italia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 TUNNEL CT SCANNER

(51) **Klasse :** *G01N 24/08 (2006.01)*  
*E21B 25/00 (2006.01)*  
*E21B 47/00 (2012.01)*  
*E21B 49/08 (2006.01)*  
*G01V 3/14 (2006.01)*  
*G01R 33/30 (2006.01)*  
*G01R 33/383 (2006.01)*  
 (87) **EP Publ.nr.:** EP3472428  
 (86) **EP søkn.nr.:** 16916919.0  
 (86) **EP innl.dag:** 2016.09.20  
 (87) **EP publ.dag:** 2019.04.24  
 (80) **EP meddelt :** 2021.11.17  
 (86) **Int.inndag :** 2016.09.20  
 (86) **Int.søknadsnr :** PCT/US2016/052590  
 (73) **Innehaver:**  
 Halliburton Energy Services, Inc., 3000 N. Sam Houston  
 Parkway E. Houston, TX 77032-3219, US-USA  
 (72) **Oppfinner:**  
 CHONG, Yuan, Chapel Hill, North Carolina 27517, US-USA  
 CHEN, Songhua, Katy, Texas 77494, US-USA  
 LI, Lilong, Houston, Texas 77024, US-USA  
 ZHANG, Lizheng, Houston, Texas 77032-3219, US-USA  
 (74) **Fullmektig:**  
 Hoffmann Eitle Patent- und Rechtsanwälte PartmbB,  
 Arabellastrasse 30, 81925 MÜNCHEN, Tyskland  
 (54) **Benevnelse:**  
 PRESSURIZED NMR CORE ANALYZER

(51) **Klasse :** *G01P 15/125 (2006.01)*  
*G01P 15/08 (2006.01)*  
*G01P 15/13 (2006.01)*  
 (87) **EP Publ.nr.:** EP3377910  
 (86) **EP søkn.nr.:** 16795392.6  
 (86) **EP innl.dag:** 2016.11.16  
 (87) **EP publ.dag:** 2018.09.26  
 (80) **EP meddelt :** 2021.10.20  
 (30) **Prioritet:** 2015.11.16, FR, 1502386  
 (86) **Int.inndag :** 2016.11.16  
 (86) **Int.søknadsnr :** PCT/EP2016/077898  
 (73) **Innehaver:**  
 Safran Electronics & Defense, 72-76 rue Henry  
 Farman75015 Paris, FR-Frankrike  
 (72) **Oppfinner:**  
 RAGOT, Vincent, SAFRAN - c/o Centre  
 d'ExcellencePropriété IntellectuelleRont-Point René  
 Ravaud, Réau77550 Moissy-Cramayel, FR-Frankrike  
 CARRE, Damien, SAFRAN - c/o Centre  
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 Ravaud, Réau77550 Moissy-Cramayel, FR-Frankrike  
 ULLAH, Philippe, SAFRAN - c/o Centre  
 d'ExcellencePropriété IntellectuelleRont-Point René  
 Ravaud, Réau77550 Moissy-Cramayel, FR-Frankrike  
 BOUETILLOUX, Alain, SAFRAN - c/o Centre  
 d'ExcellencePropriété IntellectuelleRont-Point René  
 Ravaud, Réau77550 Moissy-Cramayel, FR-Frankrike  
 BIGOURIE, Nicolas, SAFRAN - c/o Centre  
 d'ExcellencePropriété IntellectuelleRont-Point René  
 Ravaud, Réau77550 Moissy-Cramayel, FR-Frankrike  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 MEMS PENDULUM ACCELEROMETER HAVING TWO  
 MEASUREMENT RANGES

(51) **Klasse :** *G01V 1/30 (2006.01)*  
 (87) **EP Publ.nr.:** EP3052967  
 (86) **EP søkn.nr.:** 14793340.2  
 (86) **EP innl.dag:** 2014.09.30  
 (87) **EP publ.dag:** 2016.08.10  
 (80) **EP meddelt :** 2021.11.03  
 (30) **Prioritet:** 2013.10.02, US, 201361885680 P  
 (86) **Int.inndag :** 2014.09.30  
 (86) **Int.søknadsnr :** PCT/US2014/058336  
 (73) **Innehaver:**  
 BP Corporation North America Inc., 501 Westlake Park  
 BoulevardHouston, TX 77079, US-USA  
 (72) **Oppfinner:**  
 ETGEN, John Theodore, Naperville, IL 60563, US-USA  
 PEREZ, Gabriel, Naperville, IL 60563, US-USA  
 ZHOU, Min, Naperville, IL 60563, US-USA  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 SYSTEM AND METHOD FOR SEISMIC ADAPTIVE  
 IMAGING

(51) **Klasse :** *G01V 1/30 (2006.01)*  
 (87) **EP Publ.nr:** EP3167314  
 (86) **EP søkn.nr:** 15735969.6  
 (86) **EP innl.dag:** 2015.07.10  
 (87) **EP publ.dag:** 2017.05.17  
 (80) **EP meddelt :** 2021.09.29  
 (30) **Prioritet:** 2014.07.11, GB, 201412400  
 (86) **Int.inndag :** 2015.07.10  
 (86) **Int.søknadsnr :** PCT/EP2015/065908  
 (73) **Innehaver:**  
 TotalEnergies SE, La Défense 6 2 Place Jean Millier92400  
 Courbevoie, FR-Frankrike  
 (72) **Oppfinner:**  
 THORE, Pierre Daniel, 30 Rue Castetnauf-64000 Pau,  
 FR-Frankrike  
 EDGAR, Jonathan Anthony, Mill of Kair  
 CottageFordounLaurencekirkAberdeenshire AB30 1LA,  
 GB-Storbritannia  
 (74) **Fullmektig:**  
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
 00100 HELSINGFORS, Finland  
 (54) **Benevnelse:**  
 METHOD FOR OBTAINING ESTIMATES OF A MODEL  
 PARAMETER SO AS TO CHARACTERISE THE  
 EVOLUTION OF A SUBSURFACE VOLUME

(51) **Klasse :** *G01V 1/30 (2006.01)*  
 (87) **EP Publ.nr:** EP3167315  
 (86) **EP søkn.nr:** 15735970.4  
 (86) **EP innl.dag:** 2015.07.10  
 (87) **EP publ.dag:** 2017.05.17  
 (80) **EP meddelt :** 2021.09.22  
 (30) **Prioritet:** 2014.07.11, GB, 201412401  
 (86) **Int.inndag :** 2015.07.10  
 (86) **Int.søknadsnr :** PCT/EP2015/065909  
 (73) **Innehaver:**  
 TotalEnergies SE, La Défense 6 2 Place Jean Millier92400  
 Courbevoie, FR-Frankrike  
 (72) **Oppfinner:**  
 THORE, Pierre Daniel, 30 Rue Castetnauf-64000 Pau,  
 FR-Frankrike  
 EDGAR, Jonathan Anthony, Mill of Kair  
 CottageFordounLaurencekirkAberdeenshire AB30 1LA,  
 GB-Storbritannia  
 (74) **Fullmektig:**  
 Murgitroyd & Company, Mannerheimvägen 12 B, 5tr,  
 00100 HELSINGFORS, Finland  
 (54) **Benevnelse:**  
 METHOD OF CONSTRAINING AN INVERSION IN THE  
 CHARACTERISATION OF THE EVOLUTION OF A  
 SUBSURFACE VOLUME

(51) **Klasse :** *G01V 1/36 (2006.01)*  
*G01V 1/30 (2006.01)*  
*G01V 1/38 (2006.01)*  
 (87) **EP Publ.nr:** EP3345020  
 (86) **EP søkn.nr:** 15903277.0  
 (86) **EP innl.dag:** 2015.09.08  
 (87) **EP publ.dag:** 2018.07.11  
 (80) **EP meddelt :** 2021.08.25  
 (30) **Prioritet:** 2015.09.04, US, 201514846693  
 (86) **Int.inndag :** 2015.09.08  
 (86) **Int.søknadsnr :** PCT/US2015/048909  
 (73) **Innehaver:**  
 GeoQuest Systems B.V., Gevers Deynootweg 612586 BJ  
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 (72) **Oppfinner:**  
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 DISHBERGER, Debra McLean, 10001 Richmond  
 AvenueHouston, Texas 77042, US-USA  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 METHOD FOR ATTENUATING MULTIPLES

(51) **Klasse :** *G01V 1/38 (2006.01)*  
*G01V 1/02 (2006.01)*  
*G01V 1/143 (2006.01)*  
*G01V 1/145 (2006.01)*  
*G01V 13/00 (2006.01)*  
 (87) **EP Publ.nr:** EP3090286  
 (86) **EP søkn.nr:** 14830399.3  
 (86) **EP innl.dag:** 2014.12.30  
 (87) **EP publ.dag:** 2016.11.09  
 (80) **EP meddelt :** 2021.11.24  
 (30) **Prioritet:** 2013.12.30, US, 201361921962 P  
 (86) **Int.inndag :** 2014.12.30  
 (86) **Int.søknadsnr :** PCT/EP2014/079487  
 (73) **Innehaver:**  
 PGS Geophysical AS, P O Box 251 Lilleaker0216  
 OsloNorge  
 (72) **Oppfinner:**  
 BERNHARDSSON, Bo Magnus, Houston, Texas 77079,  
 US-USA  
 KRÖLING, Nils Gunnar Olof, Houston, Texas 77079, US-  
 USA  
 GUNNARSSON, Per Birger, Houston, Texas 77079, US-  
 USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 CONTROL SYSTEM FOR MARINE VIBRATORS  
 OPERATING NEAR IMPULSIVE SEISMIC SIGNAL  
 SOURCES

(51) **Klasse :** *G01V 1/40 (2006.01)*  
 (87) **EP Publ.nr.:** EP2227708  
 (86) **EP søkn.nr.:** 08867171.4  
 (86) **EP innl.dag:** 2008.12.22  
 (87) **EP publ.dag:** 2010.09.15  
 (80) **EP meddelt :** 2021.09.01  
 (30) **Prioritet:** 2007.12.27, US, 964887  
 (86) **Int.inndag :** 2008.12.22  
 (86) **Int.søknadsnr :** PCT/US2008/087992  
 (73) **Innehaver:**  
 Schlumberger Technology B.V., Parkstraat 83-892514 JG  
 The Hague, NL-Nederland  
 (72) **Oppfinner:**  
 SIGNER, Claude, 265 Willow AvenueSomervilleMA 02144,  
 US-USA  
 JOHNSTON, Lucian, 39 Dorothea LaneSugar LandTX  
 77479, US-USA  
 PEDERSEN, Stein, Inge, Risabergveien 3TanangerN-4068  
 StavangerNorge  
 (74) **Fullmektig:**  
 HÅMSØ PATENTBYRÅ AS, Postboks 9, 4068  
 STAVANGER, Norge  
 (54) **Benevnelse:**  
 METHOD AND SYSTEM FOR TRANSMITTING  
 BOREHOLE IMAGE DATA

(51) **Klasse :** *G01V 99/00 (2009.01)*  
 (87) **EP Publ.nr.:** EP2880471  
 (86) **EP søkn.nr.:** 13758939.6  
 (86) **EP innl.dag:** 2013.08.06  
 (87) **EP publ.dag:** 2015.06.10  
 (80) **EP meddelt :** 2021.09.29  
 (30) **Prioritet:** 2012.08.06, FR, 1257649  
 (86) **Int.inndag :** 2013.08.06  
 (86) **Int.søknadsnr :** PCT/FR2013/051891  
 (73) **Innehaver:**  
 TotalEnergies SE, La Défense 6 2 Place Jean Millier92400  
 Courbevoie, FR-Frankrike  
 (72) **Oppfinner:**  
 MASSONNAT, Gérard, c/o Total Sa CSTJF-EB 279  
 avenue LarribauF-64000 Pau, FR-Frankrike  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD TO DETERMINE CHANNELS TRAJECTORIES

(51) **Klasse :** *G01V 99/00 (2009.01)*  
 (87) **EP Publ.nr.:** EP2885663  
 (86) **EP søkn.nr.:** 12758786.3  
 (86) **EP innl.dag:** 2012.08.20  
 (87) **EP publ.dag:** 2015.06.24  
 (80) **EP meddelt :** 2021.09.29  
 (86) **Int.inndag :** 2012.08.20  
 (86) **Int.søknadsnr :** PCT/EP2012/066178  
 (73) **Innehaver:**  
 Equinor Energy AS, Forusbeen 504035 StavangerNorge  
 (72) **Oppfinner:**  
 WIJK, Torgeir, Hoffsvveien 12 AN-0275 OsloNorge  
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 DUFFAUT, Kenneth, Norrkøpingveien 3N-7020  
 TrondheimNorge  
 FICHLER, Christine, Ingrid Kiærs veg 14N-7053  
 RanheimNorge  
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 TrondheimNorge  
 (74) **Fullmektig:**  
 ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
 (54) **Benevnelse:**  
 TEMPERATURE MODELING CONSTRAINED ON  
 GEOPHYSICAL DATA AND KINEMATIC RESTORATION

(51) **Klasse :** *G06F 21/60 (2013.01)*  
*H04L 9/06 (2006.01)*  
*H04L 9/32 (2006.01)*  
 (87) **EP Publ.nr.:** EP3520013  
 (86) **EP søkn.nr.:** 17784566.6  
 (86) **EP innl.dag:** 2017.09.27  
 (87) **EP publ.dag:** 2019.08.07  
 (80) **EP meddelt :** 2021.11.24  
 (30) **Prioritet:** 2016.09.30, US, 201615281631  
 (86) **Int.inndag :** 2017.09.27  
 (86) **Int.søknadsnr :** PCT/EP2017/074478  
 (73) **Innehaver:**  
 International Business Machines Corporation, New Orchard  
 RoadArmonk, New York 10504, US-USA  
 (72) **Oppfinner:**  
 GREINER, Dan, Poughkeepsie, NY 12601-5400, US-USA  
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 USA  
 ZOELLIN, Christian, Winchester, Hampshire SO21 2JN,  
 GB-Storbritannia  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 PADDING FOR CREATING A MESSAGE DIGEST

(51) **Klasse :** *G06K 19/077 (2006.01)*  
*G06K 19/02 (2006.01)*  
 (87) **EP Publ.nr.:** EP3729336  
 (86) **EP søkn.nr.:** 18836655.3  
 (86) **EP innl.dag:** 2018.12.18  
 (87) **EP publ.dag:** 2020.10.28  
 (80) **EP meddelt :** 2021.10.06  
 (30) **Prioritet:** 2017.12.21, SE, 1751620  
 (86) **Int.inndag :** 2018.12.18  
 (86) **Int.søknadsnr :** PCT/IB2018/060223  
 (73) **Innehaver:**  
 Digital Tags Finland Oy, Naulakatu 333100 Tampere, FI-  
 Finland  
 (72) **Oppfinner:**  
 HUHTASALO, Lauri, Hämeenpuisto 38 A1333200  
 Tampere, FI-Finland  
 SIITONEN, Simo, Partilantie 308566 10 Rautjärvi, FI-  
 Finland  
 (74) **Fullmektig:**  
 PROTECTOR IP AS, Pilestredet 33, 0166 OSLO, Norge  
 (54) **Benevnelse:**  
 METHOD FOR MANUFACTURING A COLLAR PIECE  
 COMPRISING AN RFID TAG



- (51) **Klasse :** **G06N 5/00 (2006.01)**  
**B61L 5/02 (2006.01)**  
**B61L 27/00 (2006.01)**  
**G06F 17/14 (2006.01)**  
**G06N 7/00 (2006.01)**  
**G06N 20/20 (2019.01)**
- (87) **EP Publ.nr:** EP3702238  
(86) **EP søkn.nr:** 20157277.3  
(86) **EP innl.dag:** 2020.02.13  
(87) **EP publ.dag:** 2020.09.02  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2019.02.15, GB, 201902157  
(73) **Innehaver:**  
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ParkReading, Berkshire RG2 6GF, GB-Storbritannia
- (72) **Oppfinner:**  
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TICKEM, David, 4th Floor, 4 Thomas More SquareLondon,  
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SHAYLER, Daniel, Thales UK Ltd, Research and  
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DriveReading, Berkshire RG2 0SB, GB-Storbritannia
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
DIAGNOSTIC SYSTEM AND A METHOD OF  
DIAGNOSING FAULTS

- (51) **Klasse :** **G06Q 10/08 (2012.01)**  
**G06K 7/10 (2006.01)**
- (87) **EP Publ.nr:** EP3631711  
(86) **EP søkn.nr:** 18724918.0  
(86) **EP innl.dag:** 2018.05.24  
(87) **EP publ.dag:** 2020.04.08  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2017.05.24, EP, 17172795  
(86) **Int.inndag :** 2018.05.24  
(86) **Int.søknadsnr :** PCT/EP2018/063636  
(73) **Innehaver:**  
Viking Genetics FmbA, Ebeltoftevej 168960 Randers  
Drastrup, DK-Danmark
- (72) **Oppfinner:**  
PEDERSEN, Gert, Frølund, 9280 Storvorde, DK-Danmark  
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SHEN, Ming, 9260 Gistrup, DK-Danmark  
ZHANG, Shuai, 9200 Aalborg SV, DK-Danmark  
KIM, Dong, Min, 9220 Aalborg Øst, DK-Danmark  
FRANEK, Ondrej, 9220 Aalborg Øst, DK-Danmark
- (74) **Fullmektig:**  
Budde Schou A/S, Dronningens Tværgade 30, 1302  
KØBENHAVN K, Danmark
- (54) **Benevnelse:**  
MANAGEMENT OF LARGE NUMBER OF RFID TAGS IN  
CRYOGENIC CONTAINER

- (51) **Klasse :** **G06Q 10/10 (2012.01)**  
**G16H 50/70 (2018.01)**
- (87) **EP Publ.nr:** EP2946324  
(86) **EP søkn.nr:** 14740511.2  
(86) **EP innl.dag:** 2014.01.14  
(87) **EP publ.dag:** 2015.11.25  
(80) **EP meddelt :** 2021.11.10  
(30) **Prioritet:** 2013.01.16, US, 201361753378 P  
(86) **Int.inndag :** 2014.01.14  
(86) **Int.søknadsnr :** PCT/IL2014/050048  
(73) **Innehaver:**  
MedAware Ltd., 10 Alexander Zarhin Street P.O. Box  
30674366238 RaAnana, IL-Israël
- (72) **Oppfinner:**  
BEKER, Tuvia, 4728418 Ramat-HaSharon, IL-Israël
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge
- (54) **Benevnelse:**  
MEDICAL DATABASE AND SYSTEM

- (51) **Klasse :** **H01B 3/52 (2006.01)**  
**C08G 59/42 (2006.01)**
- (87) **EP Publ.nr:** EP3766084  
(86) **EP søkn.nr:** 19705973.6  
(86) **EP innl.dag:** 2019.02.22  
(87) **EP publ.dag:** 2021.01.20  
(80) **EP meddelt :** 2021.11.03  
(30) **Prioritet:** 2018.03.16, EP, 18162360  
(86) **Int.inndag :** 2019.02.22  
(86) **Int.søknadsnr :** PCT/EP2019/054430  
(73) **Innehaver:**  
Huntsman Advanced Materials Licensing (Switzerland)  
GmbH, Klybeckstrasse 2004057 Basel, CH-Sveits
- (72) **Oppfinner:**  
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Tyskland  
WILBERS, Hubert, Hans-Vetter-Straße 8979650  
Schopfheim, DE-Tyskland  
BÄR, Daniel, Unterm Schellenberg 1204125 Riehen, CH-  
Sveits
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
COMPOSITIONS FOR USE IN IMPREGNATION OF  
PAPER BUSHINGS

- (51) **Klasse :** **H01R 13/11 (2006.01)**  
**H01R 43/16 (2006.01)**  
**H01R 101/00 (2006.01)**
- (87) **EP Publ.nr:** EP3477783  
(86) **EP søkn.nr:** 18201937.2  
(86) **EP innl.dag:** 2018.10.23  
(87) **EP publ.dag:** 2019.05.01  
(80) **EP meddelt :** 2021.10.13  
(30) **Prioritet:** 2017.10.24, DE, 202017106421 U  
(73) **Innehaver:**  
Bals Elektrotechnik GmbH & Co. Kg, Burgweg 2257399  
Kirchhunden-Albaum, DE-Tyskland
- (72) **Oppfinner:**  
Ramm, Andreas, Heinsberger Str. 5657399 Kirchhunden,  
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- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
CONTACT BRUSH FOR AN ELECTRICAL CONNECTOR

- (51) **Klasse :** *H02H 3/17 (2006.01)*  
*H02H 7/06 (2006.01)*
- (87) **EP Publ.nr:** EP3633810
- (86) **EP søkn.nr:** 18197829.7
- (86) **EP innl.dag:** 2018.10.01
- (87) **EP publ.dag:** 2020.04.08
- (80) **EP meddelt :** 2021.09.29
- (73) **Innehaver:**  
Hitachi Energy Switzerland AG, Bruggerstrasse 725400  
Baden, CH-Sveits
- (72) **Oppfinner:**  
ROXENBORG, Stefan, Norra Floragatan 32724 61  
Västerås, SE-Sverige  
GAJIC, Zoran, Stenhagsgatan 7B723 47 Västerås, SE-  
Sverige  
BENGTSSON, Tord, Laxöringsgatan 6723 49 Västerås,  
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SEHLSTEDT, Mikael, Grottvägen 19724 63 Västerås, SE-  
Sverige
- (74) **Fullmektig:**  
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OSLO, Norge
- (54) **Benevnelse:**  
ARRANGEMENT FOR INJECTION-BASED GROUND  
FAULT PROTECTION HANDLING

- (51) **Klasse :** *H03K 3/012 (2006.01)*  
*H03K 3/356 (2006.01)*  
*H03K 19/00 (2006.01)*  
*H03K 19/0185 (2006.01)*
- (87) **EP Publ.nr:** EP3479479
- (86) **EP søkn.nr:** 17733260.8
- (86) **EP innl.dag:** 2017.06.13
- (87) **EP publ.dag:** 2019.05.08
- (80) **EP meddelt :** 2021.11.17
- (30) **Prioritet:** 2016.06.30, US, 201662357164 P  
2016.12.02, US, 201615367706
- (86) **Int.inndag :** 2017.06.13
- (86) **Int.søknadsnr :** PCT/US2017/037335
- (73) **Innehaver:**  
Qualcomm Incorporated, International IP Administration  
5775 Morehouse Drive San Diego, CA 92121-1714, US-  
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- (72) **Oppfinner:**  
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CHEN, Rui, San Diego California 92121-1714, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HIGH SPEED VOLTAGE LEVEL SHIFTER AND METHOD  
FOR PERFORMING VOLTAGE LEVEL SHIFTING

- (51) **Klasse :** *H04L 1/16 (2006.01)*
- (87) **EP Publ.nr:** EP3700114
- (86) **EP søkn.nr:** 20169664.8
- (86) **EP innl.dag:** 2008.10.07
- (87) **EP publ.dag:** 2020.08.26
- (80) **EP meddelt :** 2021.12.01
- (30) **Prioritet:** 2008.01.08, US, 1974608 P
- (73) **Innehaver:**  
Unwired Planet International Limited, 70, Sir John  
Rogerson's Quay Dublin 2, IE-Irland
- (72) **Oppfinner:**  
PEISA, Janne, Koivunlehvakuja 3FI-02130 Espoo, FI-  
Finland  
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TORSNER, Johan, Skogstorp svagen 2 C9FI-02430  
Masaby, FI-Finland
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND ARRANGEMENT IN A WIRELESS  
COMMUNICATION NETWORK

- (51) **Klasse :** *H04L 1/18 (2006.01)*  
*H04W 74/08 (2009.01)*
- (87) **EP Publ.nr:** EP3497851
- (86) **EP søkn.nr:** 17768514.6
- (86) **EP innl.dag:** 2017.08.12
- (87) **EP publ.dag:** 2019.06.19
- (80) **EP meddelt :** 2021.10.06
- (30) **Prioritet:** 2016.08.12, US, 201662374697 P
- (86) **Int.inndag :** 2017.08.12
- (86) **Int.søknadsnr :** PCT/IB2017/054931
- (73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (publ), 164 83 Stockholm,  
SE-Sverige
- (72) **Oppfinner:**  
FALAHATI, Sorour, Wargentinsgatan 6SE-112 29  
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KOORAPATY, Havish, 13425 Kodiac Place Saratoga,  
California 95070, US-USA
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
LBT PARAMETERS FOR UPLINK IN UNLICENSED  
SPECTRUM

- (51) **Klasse :** *H04L 27/26 (2006.01)*
- (87) **EP Publ.nr:** EP3066809
- (86) **EP søkn.nr:** 14819062.2
- (86) **EP innl.dag:** 2014.06.10
- (87) **EP publ.dag:** 2016.09.14
- (80) **EP meddelt :** 2021.10.27
- (30) **Prioritet:** 2013.11.05, WO, PCT/IB13/003156
- (86) **Int.inndag :** 2014.06.10
- (86) **Int.søknadsnr :** PCT/IB2014/002103
- (73) **Innehaver:**  
Eutelsat SA, 32 Boulevard Gallieni 92130 Issy Les  
Moulineaux, FR-Frankrike
- (72) **Oppfinner:**  
DUTRONC, Jacques, 70 Rue Balard F-75015 Paris, FR-  
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SAITTO, Antonio, 70 Rue Balard F-75015 Paris, FR-  
Frankrike
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
OFDM BASED ORBITAL ANGULAR MOMENTUM  
SYSTEM AND METHOD

(51) **Klasse :** *H04N 19/00 (2014.01)*  
 (87) **EP Publ.nr.:** EP2868102  
 (86) **EP søkn.nr.:** 13737502.8  
 (86) **EP innl.dag:** 2013.06.28  
 (87) **EP publ.dag:** 2015.05.06  
 (80) **EP meddelt :** 2021.11.03  
 (30) **Prioritet:** 2012.06.29, US, 201261666617 P  
 2013.03.15, US, 201313841253  
 (86) **Int.inndag :** 2013.06.28  
 (86) **Int.søknadsnr :** PCT/US2013/048707  
 (73) **Innehaver:**  
 Qualcomm Incorporated, 5775 Morehouse DriveSan Diego,  
 CA 92121-1714, US-USA  
 (72) **Oppfinner:**  
 COBAN, Muhammed Zeyd, San Diego, California 92121-  
 1714, US-USA  
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 USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 TILES AND WAVEFRONT PARALLEL PROCESSING

(51) **Klasse :** *H04N 19/187 (2014.01)*  
*H04N 19/103 (2014.01)*  
*H04N 19/105 (2014.01)*  
*H04N 19/107 (2014.01)*  
*H04N 19/136 (2014.01)*  
*H04N 19/30 (2014.01)*  
*H04N 19/597 (2014.01)*  
*H04N 19/61 (2014.01)*  
*H04N 19/70 (2014.01)*  
 (87) **EP Publ.nr.:** EP2929687  
 (86) **EP søkn.nr.:** 13818046.8  
 (86) **EP innl.dag:** 2013.12.06  
 (87) **EP publ.dag:** 2015.10.14  
 (80) **EP meddelt :** 2021.12.01  
 (30) **Prioritet:** 2012.12.07, US, 201261734874 P  
 2013.12.05, US, 201314098369  
 (86) **Int.inndag :** 2013.12.06  
 (86) **Int.søknadsnr :** PCT/US2013/073602  
 (73) **Innehaver:**  
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 92121-1714, US-USA  
 (72) **Oppfinner:**  
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 CHEN, Ying, San Diego, California 92121-1714, US-USA  
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 US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 ADVANCED RESIDUAL PREDICTION IN SCALABLE AND  
 MULTI-VIEW VIDEO CODING

(51) **Klasse :** *H04N 19/196 (2014.01)*  
*H04N 19/126 (2014.01)*  
*H04N 19/157 (2014.01)*  
*H04N 19/159 (2014.01)*  
*H04N 19/176 (2014.01)*  
 (87) **EP Publ.nr.:** EP3267684  
 (86) **EP søkn.nr.:** 17182141.6  
 (86) **EP innl.dag:** 2011.06.08  
 (87) **EP publ.dag:** 2018.01.10  
 (80) **EP meddelt :** 2021.09.22  
 (30) **Prioritet:** 2010.06.10, US, 353365 P  
 (73) **Innehaver:**  
 InterDigital VC Holdings, Inc., 200 Bellevue Parkway Suite  
 300Wilmington, DE 19809, US-USA  
 (72) **Oppfinner:**  
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 US-USA  
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 ZHENG, Yunfei, P.O. Box 5312c/o THOMSON Licensing  
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 5312, US-USA  
 (74) **Fullmektig:**  
 OSLO PATENTKONTOR AS, Hoffsvveien 1A, 0275 OSLO,  
 Norge  
 (54) **Benevnelse:**  
 METHOD FOR DETERMINING QUANTIZATION  
 PARAMETER PREDICTORS FROM A PLURALITY OF  
 NEIGHBORING QUANTIZATION PARAMETERS

(51) **Klasse :** *H04N 19/50 (2014.01)*  
*H04N 19/103 (2014.01)*  
*H04N 19/119 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/30 (2014.01)*  
*H04N 19/46 (2014.01)*  
*H04N 19/583 (2014.01)*  
*H04N 19/96 (2014.01)*  
 (87) **EP Publ.nr.:** EP3434018  
 (86) **EP søkn.nr.:** 17716021.5  
 (86) **EP innl.dag:** 2017.03.21  
 (87) **EP publ.dag:** 2019.01.30  
 (80) **EP meddelt :** 2021.11.10  
 (30) **Prioritet:** 2016.03.21, US, 201662311248 P  
 2016.09.28, US, 201662401016 P  
 2017.03.20, US, 201715463398  
 (86) **Int.inndag :** 2017.03.21  
 (86) **Int.søknadsnr :** PCT/US2017/023351  
 (73) **Innehaver:**  
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 DriveSan Diego, California 92121-1714, US-USA  
 (72) **Oppfinner:**  
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 1714, US-USA  
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 KARCZEWICZ, Marta, San Diego, California 92121-1714,  
 US-USA  
 (74) **Fullmektig:**  
 BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
 (54) **Benevnelse:**  
 DECODING VIDEO DATA USING A TWO-LEVEL MULTI-  
 TYPE-TREE FRAMEWORK

- (51) **Klasse :** *H04N 19/513 (2014.01)*  
*H04N 19/109 (2014.01)*  
*H04N 19/176 (2014.01)*  
*H04N 19/44 (2014.01)*  
*H04N 19/46 (2014.01)*  
*H04N 19/56 (2014.01)*  
*H04N 19/57 (2014.01)*  
*H04N 19/70 (2014.01)*  
*H04N 19/96 (2014.01)*
- (87) **EP Publ.nr:** EP3275188  
(86) **EP søkn.nr:** 16718538.8  
(86) **EP innl.dag:** 2016.03.25  
(87) **EP publ.dag:** 2018.01.31  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2015.03.27, US, 201562139572 P  
2015.06.19, US, 201562182367 P  
2016.03.24, US, 201615080478
- (86) **Int.inndag :** 2016.03.25  
(86) **Int.søknadsnr :** PCT/US2016/024332  
(73) **Innehaver:**  
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- (72) **Oppfinner:**  
LI, Xiang, San Diego, California 92121-1714, US-USA  
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CHEN, Jianle, San Diego, California 92121-1714, US-USA  
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US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
MOTION VECTOR DERIVATION IN VIDEO CODING

- (51) **Klasse :** *H04N 19/52 (2014.01)*
- (87) **EP Publ.nr:** EP3767952  
(86) **EP søkn.nr:** 20195005.2  
(86) **EP innl.dag:** 2013.01.18  
(87) **EP publ.dag:** 2021.01.20  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2012.01.19, KR, 20120006282
- (73) **Innehaver:**  
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- (72) **Oppfinner:**  
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CHOI, Jin Soo, 305-370 Daejeon, KR-Sør-Korea  
KIM, Jin Woong, 305-761 Daejeon, KR-Sør-Korea
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
APPARATUS FOR IMAGE CODING/DECODING

- (51) **Klasse :** *H04N 19/597 (2014.01)*  
*H04N 19/52 (2014.01)*  
*H04N 19/58 (2014.01)*  
*H04N 19/70 (2014.01)*
- (87) **EP Publ.nr:** EP2826248  
(86) **EP søkn.nr:** 13713300.5  
(86) **EP innl.dag:** 2013.03.14  
(87) **EP publ.dag:** 2015.01.21  
(80) **EP meddelt :** 2021.11.24  
(30) **Prioritet:** 2012.03.16, US, 201261611959 P  
2012.04.16, US, 201261624990 P  
2012.06.11, US, 201261658344 P  
2012.06.22, US, 201261663484 P  
2012.12.27, US, 201261746476 P  
2013.03.13, US, 201313801731
- (86) **Int.inndag :** 2013.03.14  
(86) **Int.søknadsnr :** PCT/US2013/031573  
(73) **Innehaver:**  
QUALCOMM Incorporated, Attn: International IP  
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- (72) **Oppfinner:**  
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- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
HIGH-LEVEL SYNTAX EXTENSIONS FOR HIGH  
EFFICIENCY VIDEO CODING

- (51) **Klasse :** *H04N 19/61 (2014.01)*  
*H04N 19/426 (2014.01)*  
*H04N 19/44 (2014.01)*  
*H04N 19/503 (2014.01)*  
*H04N 19/513 (2014.01)*
- (87) **EP Publ.nr:** EP2672708  
(86) **EP søkn.nr:** 12742304.4  
(86) **EP innl.dag:** 2012.01.31  
(87) **EP publ.dag:** 2013.12.11  
(80) **EP meddelt :** 2021.11.17  
(30) **Prioritet:** 2011.01.31, KR, 20110009636  
2011.03.03, KR, 20110019166  
2011.05.27, KR, 20110050853  
2011.07.01, KR, 20110065707
- (86) **Int.inndag :** 2012.01.31  
(86) **Int.søknadsnr :** PCT/KR2012/000770  
(73) **Innehaver:**  
Electronics and Telecommunications Research Institute,  
161 Gajeong-dong Yuseong-gu Daejeon-si 305-700, KR-  
Sør-Korea
- (72) **Oppfinner:**  
LIM, Sung Chang, Daejeon-si 305-805, KR-Sør-Korea  
KIM, Hui Yong, Daejeon-si 305-770, KR-Sør-Korea  
JEONG, Se Yoon, Daejeon-si 306-769, KR-Sør-Korea  
CHO, Suk Hee, Daejeon-si 305-763, KR-Sør-Korea  
JUN, Dong San, Daejeon-si 305-755, KR-Sør-Korea  
KIM, Jong Ho, Daejeon-si 305-804, KR-Sør-Korea  
LEE, Ha Hyun, Seoul 131-819, KR-Sør-Korea  
LEE, Jin Ho, Daejeon-si 305-358, KR-Sør-Korea  
CHOI, Jin Soo, Daejeon-si 305-750, KR-Sør-Korea  
KIM, Jin Woong, Daejeon-si 305-761, KR-Sør-Korea
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
METHOD AND APPARATUS FOR  
ENCODING/DECODING IMAGES USING A MOTION  
VECTOR

- (51) **Klasse :** *H04W 8/18 (2009.01)*  
*H04W 8/20 (2009.01)*
- (87) **EP Publ.nr:** EP3738330
- (86) **EP søkn.nr:** 18829853.3
- (86) **EP innl.dag:** 2018.12.20
- (87) **EP publ.dag:** 2020.11.18
- (80) **EP meddelt :** 2021.11.03
- (30) **Prioritet:** 2018.01.12, US, 201862616574 P
- (86) **Int.inndag :** 2018.12.20
- (86) **Int.søknadsnr :** PCT/EP2018/086416
- (73) **Innehaver:**  
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), 164  
83 Stockholm, SE-Sverige
- (72) **Oppfinner:**  
NAKARMI, Prajwol, Kumar, 19142 Sollentuna, SE-Sverige  
SAARINEN, Pasi, 16350 Spanga, SE-Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
HANDLING IDENTIFIER VALIDATION

- (51) **Klasse :** *H04W 12/041 (2021.01)*  
*H04W 36/00 (2009.01)*  
*H04W 48/20 (2009.01)*  
*H04W 60/02 (2009.01)*
- (87) **EP Publ.nr:** EP3574669
- (86) **EP søkn.nr:** 18703266.9
- (86) **EP innl.dag:** 2018.01.29
- (87) **EP publ.dag:** 2019.12.04
- (80) **EP meddelt :** 2021.10.13
- (30) **Prioritet:** 2017.01.30, US, 201762452267 P
- (86) **Int.inndag :** 2018.01.29
- (86) **Int.søknadsnr :** PCT/EP2018/052153
- (73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (Publ), 164 83 Stockholm,  
SE-Sverige
- (72) **Oppfinner:**  
BEN HENDA, Noamen, Tumultgränd 228162 47  
Stockholm, SE-Sverige  
JOST, Christine, Västra Mårtensgatan 12223 51 Lund, SE-  
Sverige  
NORRMAN, Karl, Stigbergsgatan 32 A116 28 Stockholm,  
SE-Sverige  
WIFVESSON, Monica, Kruthornsgränden 3226 52 Lund,  
SE-Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
SECURITY CONTEXT HANDLING IN 5G DURING  
CONNECTED MODE

- (51) **Klasse :** *H04W 48/16 (2009.01)*  
*H04W 52/02 (2009.01)*  
*H04W 84/04 (2009.01)*
- (87) **EP Publ.nr:** EP3429275
- (86) **EP søkn.nr:** 18192759.1
- (86) **EP innl.dag:** 2015.01.29
- (87) **EP publ.dag:** 2019.01.16
- (80) **EP meddelt :** 2021.11.10
- (30) **Prioritet:** 2014.01.31, US, 201461933915 P
- (73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (publ), 164 83 Stockholm,  
SE-Sverige
- (72) **Oppfinner:**  
KAZMI, Muhammad, Skrivargatan 7174 64  
SUNDBYBERG, SE-Sverige  
LARSSON, Daniel, Skyttlinjen 125226 49 LUND, SE-  
Sverige  
BEHRAMAN, Ali, Robert Almströmsgatan 3113 36  
STOCKHOLM, SE-Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
ASSISTING MEASUREMENTS IN SMALL CELLS WITH  
AN ON/OFF SCHEME

- (51) **Klasse :** *H04W 74/08 (2009.01)*
- (87) **EP Publ.nr:** EP3595397
- (86) **EP søkn.nr:** 19175458.9
- (86) **EP innl.dag:** 2017.06.12
- (87) **EP publ.dag:** 2020.01.15
- (80) **EP meddelt :** 2021.10.20
- (30) **Prioritet:** 2016.06.11, US, 201662348869 P
- (73) **Innehaver:**  
Beijing Xiaomi Mobile Software Co., Ltd., No. 018, Floor 8,  
Building 6, Yard 33 Middle Xierqi Road Haidian  
District Beijing 100085, CN-Kina
- (72) **Oppfinner:**  
DINAN, Esmael Hejazi, Ofinno, LLC11091 Sunset Hills  
Road Suite 510 Reston, VA 20190, US-USA
- (74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge
- (54) **Benevnelse:**  
LISTEN BEFORE TALK PROCEDURE IN A WIRELESS  
DEVICE AND WIRELESS DEVICE

- (51) **Klasse :** *H04W 88/18 (2009.01)*  
*H04W 80/04 (2009.01)*
- (87) **EP Publ.nr:** EP3373698
- (86) **EP søkn.nr:** 18154676.3
- (86) **EP innl.dag:** 2012.04.26
- (87) **EP publ.dag:** 2018.09.12
- (80) **EP meddelt :** 2021.10.20
- (30) **Prioritet:** 2011.08.17, US, 201161524522 P
- (73) **Innehaver:**  
Telefonaktiebolaget LM Ericsson (publ), 164 83 Stockholm,  
SE-Sverige
- (72) **Oppfinner:**  
Qiang, Zu, 55 rue Bethune Kirkland, H9H 4R4, CA-Canada  
Yang, Yong, Heljereds Byvåg 111BSE-42836 Källered, SE-  
Sverige
- (74) **Fullmektig:**  
Zacco Denmark A/S, Arne Jacobsens Allé 15, 2300  
KØBENHAVN S, Danmark
- (54) **Benevnelse:**  
PMIP PROTOCOL ENHANCEMENT

- (51) **Klasse :** *H05K 7/14 (2006.01)*  
*H01L 25/11 (2006.01)*
- (87) **EP Publ.nr:** EP3430874
- (86) **EP søkn.nr:** 17714673.5
- (86) **EP innl.dag:** 2017.03.24
- (87) **EP publ.dag:** 2019.01.23
- (80) **EP meddelt :** 2021.10.06
- (30) **Prioritet:** 2016.05.10, EP, 16168984
- (86) **Int.inndag :** 2017.03.24
- (86) **Int.søknadsnr :** PCT/EP2017/057080
- (73) **Innehaver:**  
Siemens Aktiengesellschaft, Werner-von-Siemens-Straße  
180333 München, DE-Tyskland
- (72) **Oppfinner:**  
BOIGK, Stefan, Talweg 590547 Stein, DE-Tyskland  
BÖHMER, Jürgen, Amstelweg 1890547 Stein, DE-  
Tyskland  
KLEFFEL, Rüdiger, Steinhilberweg 2091056 Erlangen, DE-  
Tyskland  
KRAFFT, Eberhard Ulrich, Friedrich Löfflerstrasse 4990419  
Nürnberg, DE-Tyskland  
WEIGEL, Jan, Pfarrer Merkelweg 591077 Grossenbuch,  
DE-Tyskland
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
PHASE MODULE FOR A POWER CONVERTER
-

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

- (51) **Klasse :** **A24B 13/00 (2006.01)**  
**B65B 37/00 (2006.01)**
- (87) **EP Publ.nr.:** EP2446756  
(86) **EP søkn.nr.:** 11186405.4  
(86) **EP innl.dag:** 2011.10.24  
(87) **EP publ.dag:** 2012.05.02  
(80) **EP meddelt :** 2015.05.20  
(30) **Prioritet:** 2010.10.29, GB, 201018291  
2011.09.23, GB, 201116451
- (73) **Innehaver:**  
British American Tobacco (Investments) Limited, Globe House 1 Water Street London WC2R 3LA, GB-Storbritannia  
Fiedler & Lundgren AB, P.O. Box 9041 Stenaldersgatan 23200 39 Malmo, SE-Sverige
- (72) **Oppfinner:**  
Hansson, Leif, 200 39 Malmo, SE-Sverige  
Orhan, Mazlam, 200 39 Malmo, SE-Sverige  
Leverick, Paul, Rotherham S66 8QY, GB-Storbritannia  
Mola, Michele, London WC2R 3LA, GB-Storbritannia
- (74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge
- (54) **Benevnelse:**  
Method and apparatus for introducing additives to smokeless tobacco products
- 
- (51) **Klasse :** **A61K 31/198 (2006.01)**  
**A61K 9/00 (2006.01)**  
**A61K 31/401 (2006.01)**  
**A61K 31/717 (2006.01)**  
**A61K 31/728 (2006.01)**  
**A61K 47/32 (2006.01)**  
**A61K 47/36 (2006.01)**  
**A61K 47/38 (2006.01)**  
**A61P 1/04 (2006.01)**
- (87) **EP Publ.nr.:** EP2859891  
(86) **EP søkn.nr.:** 14187915.5  
(86) **EP innl.dag:** 2014.10.07  
(87) **EP publ.dag:** 2015.04.15  
(80) **EP meddelt :** 2018.02.21  
(30) **Prioritet:** 2013.10.08, IT, MI20131660
- (73) **Innehaver:**  
Professional Dietetics S.p.A. in forma abbreviata P.D. S.p.A., Via Ciro Menotti, 1/A20129 Milan, IT-Italia
- (72) **Oppfinner:**  
Giorgetti, Paolo, c/o PROFESSIONAL DIETETICS S.R.L. Via Ciro Menotti, 1/A20129 MILANO, IT-Italia
- (74) **Fullmektig:**  
OSLO PATENTKONTOR AS, Hoffsvveien 1A, 0275 OSLO, Norge
- (54) **Benevnelse:**  
Use of a combination for the prevention of radiation- or chemotherapy-induced mucositis
- 
- (51) **Klasse :** **C03C 8/24 (2006.01)**  
**B22D 41/08 (2006.01)**  
**B22D 41/22 (2006.01)**  
**B22D 41/32 (2006.01)**  
**B22D 41/36 (2006.01)**  
**B22D 41/50 (2006.01)**  
**B22D 41/54 (2006.01)**  
**C04B 14/20 (2006.01)**  
**C04B 28/26 (2006.01)**  
**C04B 35/80 (2006.01)**  
**C04B 111/28 (2006.01)**  
**C09K 3/10 (2006.01)**  
**C09K 21/14 (2006.01)**  
**F16J 15/06 (2006.01)**
- (87) **EP Publ.nr.:** EP2790856  
(86) **EP søkn.nr.:** 12826537.8  
(86) **EP innl.dag:** 2012.12.14  
(87) **EP publ.dag:** 2014.10.22  
(80) **EP meddelt :** 2016.03.09  
(30) **Prioritet:** 2011.12.16, EP, 11193966  
(86) **Int.inndag :** 2012.12.14  
(86) **Int.søknadsnr :** PCT/IB2012/002949
- (73) **Innehaver:**  
Vesuvius U S A Corporation, 1404 Newton Drive Champaign, IL 61822, US-USA
- (72) **Oppfinner:**  
OVENSTONE, James, APT 801, block 6 Horizon Resort SIP - Suzhou 215000, CN-Kina  
ZHOU, Martin, 1 101, N° 9 Zhengtong Rd Shanghai 200433, CN-Kina
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
NOZZLE ASSEMBLY COMPRISING FIRST AND SECOND ELEMENTS BEING COUPLED TO ONE ANOTHER IN A SLIDING TRANSLATION RELATIONSHIP AND A SEALING MEMBER MADE OF THERMALLY INTUMESCENT MATERIAL, REFRACTORY ELEMENT, METHOD FOR PRODUCING A REFRACTORY ELEMENT, METHOD FOR COUPLING TWO REFRACTORY ELEMENTS
- 
- (51) **Klasse :** **C12Q 1/6886 (2018.01)**  
**C12Q 1/683 (2018.01)**
- (87) **EP Publ.nr.:** EP2630263  
(86) **EP søkn.nr.:** 11835243.4  
(86) **EP innl.dag:** 2011.10.21  
(87) **EP publ.dag:** 2013.08.28  
(80) **EP meddelt :** 2018.04.25  
(30) **Prioritet:** 2010.10.22, US, 406067 P  
2011.07.22, US, 201161510579 P  
2011.10.21, US, 201113278333
- (86) **Int.inndag :** 2011.10.21  
(86) **Int.søknadsnr :** PCT/US2011/057350
- (73) **Innehaver:**  
COLD SPRING HARBOR LABORATORY, 1 Bungtown Road Cold Spring Harbor, NY 11724, US-USA
- (72) **Oppfinner:**  
HICKS, James, Locust Valley, NY 11560, US-USA  
NAVIN, Nicholas, Houston, TX 77004, US-USA  
TROGE, Jennifer, Oyster Bay, NY 11771, US-USA  
WANG, Zihua, Huntington, NY 11743, US-USA  
WIGLER, Michael, Cold Spring Harbor, NY 11724, US-USA
- (74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge
- (54) **Benevnelse:**  
VARIETAL COUNTING OF NUCLEIC ACIDS FOR OBTAINING GENOMIC COPY NUMBER INFORMATION

- (51) **Klasse :** *E01C 19/10 (2006.01)*  
(87) **EP Publ.nr.:** EP3243957  
(86) **EP søkn.nr.:** 17170410.9  
(86) **EP innl.dag:** 2017.05.10  
(87) **EP publ.dag:** 2017.11.15  
(80) **EP meddelt :** 2018.12.12  
(30) **Prioritet:** 2016.05.10, FR, 1654161  
(73) **Innehaver:**  
ERMONT, 17, Rue Timbaud42420 Lorette, FR-Frankrike  
(72) **Oppfinner:**  
DE SARS, Thierry, 1 rue des Cerisiers69003 LYON, FR-Frankrike  
RICHE, Hervé, 4 rue des Ecoles69540 IRIGNY, FR-Frankrike  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
(54) **Benevnelse:**  
INSTALLATION AND PROCESS OF GRAVEL COATING
-



## Innsigelser mot patent

Kunngjøring etter patentloven § 24, 5 ledd og patent bestemmelsene § 20-6, om innsigelser.

- (51) **Klasse:** *F03D 13/20 (2016.01)*  
*F03D 13/25 (2016.01)*  
*E02B 17/00 (2006.01)*  
*B63B 3/06 (2006.01)*
- (11) **Patentnr:** 345641
- (21) **Søknadsnr:** 20200815
- (45) **Møddelt:** 2021.05.25
- (73) **Innehaver:**  
Clovers AS, c/o Eivind Sønju, Rådyrveien 32, 1555 SON,  
Norge
- (74) **Fullmektig:**  
ONSAGERS AS, Postboks 1813, Vika, 0123, OSLO, NO
- Innsiger:**  
CURO AS, Vestre Rosten 81, 7075 TILLER, Norge
- Innsigelsesdato:** 2022.01.28
-

## Overdragelser og navne-/adresseendringer i spesifiserte rettigheter

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

(11) **Patent nr.:** NO/EP3247352  
(21) **Søknadsnr.:** EP3247352  
(73) **Innehaver:** Park Therapeutics, Inc, 2033 Route 130, NJ08852 MONMOUTH JUNCTION, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.28

(11) **Patent nr.:** NO/EP2490773  
(21) **Søknadsnr.:** EP2490773  
(73) **Innehaver:** Industriekletterer Bonn, Glockenstrasse 81b, 53844 TROISDORF, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.02

(11) **Patent nr.:** NO/EP3434403  
(21) **Søknadsnr.:** EP3434403  
(73) **Innehaver:** ARMORGARD HOLDINGS LIMITED, Unit 14-16 Standard Way Fareham Industrial Park, PO168XB FAREHAM, HAMPSHIRE, Storbritannia  
(74) **Fullmektig:** Murgitroyd & Company, Mannerheimvägen 12 B, 5tr, 00100 HELSINGFORS, Finland  
**Melding innkommet patentstyret:** 2022.02.07

(11) **Patent nr.:** NO/EP3590690  
(21) **Søknadsnr.:** EP3590690  
(73) **Innehaver:** Hitachi Energy Switzerland AG, Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.01

(11) **Patent nr.:** NO/EP2285659  
(21) **Søknadsnr.:** EP2285659  
(73) **Innehaver:** Kongsberg Maritime AS, Strandpromenaden 50, 3183 HORTEN, Norge  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.31

(11) **Patent nr.:** NO/EP2704946  
(21) **Søknadsnr.:** EP2704946  
(73) **Innehaver:** Svitzer A/S, 50 Esplanaden, 1263 KØBENHAVN, Danmark  
(74) **Fullmektig:** ONSAGERS AS, Postboks 1813, Vika, 0123 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.01

(11) **Patent nr.:** NO/EP2681109  
(21) **Søknadsnr.:** EP2681109  
(73) **Innehaver:** Bawat A/S, Agern Allé 5A, 1., 2970 HØRSHOLM, Danmark  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.04

(11) **Patent nr.:** 327578  
(21) **Søknadsnr.:** 20063743  
(73) **Innehaver:** Italmatch Chemicals S.p.A., Via Magazzini del Cotone 17, 16128 GENOVA (GE) CAP, Italia  
(74) **Fullmektig:** OSLO PATENTKONTOR AS, Hoffsvæien 1A, 0275 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.03

(11) **Patent nr.:** NO/EP2365750  
(21) **Søknadsnr.:** EP2365750  
(73) **Innehaver:** Takeda Pharmaceutical Company Limited, 1-1, Doshomachi 4-chome, Chuo-ku, OSAKA-SHI, OSAKA, Japan  
**Melding innkommet patentstyret:** 2021.08.04

(11) **Patent nr.:** NO/EP2729470  
(21) **Søknadsnr.:** EP2729470  
(73) **Innehaver:** Park Therapeutics, Inc, 2033 Route 130, NJ08852 MONMOUTH JUNCTION, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.28

(11) **Patent nr.:** NO/EP3235821  
(21) **Søknadsnr.:** EP3235821  
(73) **Innehaver:** Park Therapeutics, Inc, 2033 Route 130, NJ08852 MONMOUTH JUNCTION, USA  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.28

(11) **Patent nr.:** NO/EP2653625  
(21) **Søknadsnr:** EP2653625  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP3214234  
(21) **Søknadsnr:** EP3214234  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP3214235  
(21) **Søknadsnr:** EP3214235  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP3208396  
(21) **Søknadsnr:** EP3208396  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP3070225  
(21) **Søknadsnr:** EP3070225  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP2937492  
(21) **Søknadsnr:** EP2937492  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP3239431  
(21) **Søknadsnr:** EP3239431  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** 332363  
(21) **Søknadsnr:** 20111077  
(73) **Innehaver:** MINIHYDRO MODULES AS, c/o MiniHydro Norge AS, Fjøsangerveien 70 A, 5068 BERGEN, Norge  
**Melding innkommet patentstyret:** 2022.01.29

(11) **Patent nr.:** NO/EP2877742  
(21) **Søknadsnr:** EP2877742  
(73) **Innehaver:** Vestas Wind Systems A/S, Hedeager 42, 8200 AARHUS N, Danmark  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.01

(11) **Patent nr.:** NO/EP3388690  
(21) **Søknadsnr:** EP3388690  
(73) **Innehaver:** Leviat GmbH, Liebigstrasse 14, 40764 LANGENFELD, Tyskland  
(74) **Fullmektig:** ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.01.24

(11) **Patent nr.:** NO/EP2388503  
(21) **Søknadsnr:** EP2388503  
(73) **Innehaver:** Hitachi Energy Switzerland AG, Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.01

(11) **Patent nr.:** NO/EP2156200  
(21) **Søknadsnr:** EP2156200  
(73) **Innehaver:** Hitachi Energy Switzerland AG, Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.01

(11) **Patent nr.:** NO/EP2156200  
(21) **Søknadsnr:** EP2156200  
(73) **Innehaver:** Hitachi Energy Switzerland AG, Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:** PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104 OSLO, Norge  
**Melding innkommet patentstyret:** 2022.02.01

(11) **Patent nr.:** NO/EP2466322  
(21) **Søknadsnr:** EP2466322  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2458467  
(21) **Søknadsnr:** EP2458467  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2150895  
(21) **Søknadsnr:** EP2150895  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2762279  
(21) **Søknadsnr:** EP2762279  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP3216028  
(21) **Søknadsnr:** EP3216028  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
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**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2652752  
(21) **Søknadsnr:** EP2652752  
(73) **Innehaver:** ABB Schweiz AG, Bruggerstrasse 66,  
5400 BADEN, Sveits  
Hitachi Energy Switzerland AG,  
Bruggerstrasse 66, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.01.28

(11) **Patent nr.:** NO/EP2169690  
(21) **Søknadsnr:** EP2169690  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2169691  
(21) **Søknadsnr:** EP2169691  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2704162  
(21) **Søknadsnr:** EP2704162  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2738780  
(21) **Søknadsnr:** EP2738780  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP3510614  
(21) **Søknadsnr:** EP3510614  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2866235  
(21) **Søknadsnr:** EP2866235  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP3007190  
(21) **Søknadsnr:** EP3007190  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

---

(11) **Patent nr.:** NO/EP2502248  
(21) **Søknadsnr:** EP2502248  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP2289085  
(21) **Søknadsnr:** EP2289085  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP2569793  
(21) **Søknadsnr:** EP2569793  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

---

(11) **Patent nr.:** NO/EP2282322  
(21) **Søknadsnr:** EP2282322  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP3026758  
(21) **Søknadsnr:** EP3026758  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.02.01

---

(11) **Patent nr.:** NO/EP2443712  
(21) **Søknadsnr:** EP2443712  
(73) **Innehaver:** ABB Schweiz AG, Bruggerstrasse 66,  
5400 BADEN, Sveits  
Hitachi Energy Switzerland AG,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.01.28

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(11) **Patent nr.:** NO/EP3008782  
(21) **Søknadsnr:** EP3008782  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
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**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP2156529  
(21) **Søknadsnr:** EP2156529  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP2569843  
(21) **Søknadsnr:** EP2569843  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP2377220  
(21) **Søknadsnr:** EP2377220  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP2312719  
(21) **Søknadsnr:** EP2312719  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patent nr.:** NO/EP3345277  
(21) **Søknadsnr:** EP3345277  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2628230  
(21) **Søknadsnr:** EP2628230  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
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**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2510603  
(21) **Søknadsnr:** EP2510603  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2160829  
(21) **Søknadsnr:** EP2160829  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
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**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP3011669  
(21) **Søknadsnr:** EP3011669  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
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(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
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**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2294684  
(21) **Søknadsnr:** EP2294684  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2532081  
(21) **Søknadsnr:** EP2532081  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
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**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** 337194  
(21) **Søknadsnr:** 20054724  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2369805  
(21) **Søknadsnr:** EP2369805  
(73) **Innehaver:** Hitachi Energy Switzerland AG,  
Bruggerstrasse 72, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
PLOUGMANN VINGTOFT, Postboks 1003 Sentrum, 0104  
OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

(11) **Patent nr.:** NO/EP2813049  
(21) **Søknadsnr:** EP2813049  
(73) **Innehaver:** PUZZEL AS, Fredrik Selmers vei 3, 0663  
OSLO, Norge  
(74) **Fullmektig:**  
Zacco Sweden AB, Box 5581, 11485 STOCKHOLM,  
Sverige  
**Melding innkommet patentstyret:**  
2022.02.02

## Lisenser som ønskes publisert

(51) **Klasse:** A63C 7/04 (2006.01)  
(11) **Patentnr:** 318691  
(21) **Søknadsnr:** 20030380  
**Lisenskategori:** Eksklusiv  
(74) **Fullmektig:**  
PROTECTOR IP AS, Pilestredet 33, 0166, OSLO, NO  
**Lisensgiver/innehaver:**  
Erik Hartmann, Tostenbakken 48, 6416 MOLDE  
**Lisenshaver:**  
Active Brands AS, Kabelgaten 6, 0580 OSLO  
**Lisensavtale inngått:** 2014.09.05  
**Melding innkommet**  
**patentstyret:** 2022.02.04

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

- (21) **Søknadsnr:** 20092707
- (21) **Søknadsnr:** 20140206
- (21) **Søknadsnr:** EP2850156



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

## Kunngjøring etter patentforskriften § 80 (nye søknader).

(21) **Søknadsnr:** 2022003  
 (22) **Inng.dag:** 2022.02.01  
 (22) **Inng.dag basispatent:** 2010.05.20  
 (11) **Basispatent nr:** NO/EP2432489  
 (24) **Løpedag:** 2010.05.20  
 (73) **Innehaver:** BioMarin Pharmaceutical Inc.  
 (74) **Fullmektig:** ZACCO NORWAY AS,  
 Postboks 488, 0213 OSLO,  
 Norge  
 (95) **Produkt:** Vosoritide in all forms  
 protected by the basic patent  
 01/01/0001  
 (94) **Gyldig t.om:**  
 (92) **NO markedsførings-**  
**tillatelse nr:** EU/1/21/1577  
 (92) **Dato for samme:** 2021.09.07  
 (93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/21/1577  
 (93) **Dato for samme:** 2021.09.01  
 (54) **Benevnelse:** VARIANTS OF C-TYPE  
 NATRIURETIC PEPTIDE

(21) **Søknadsnr:** 2022004  
 (22) **Inng.dag:** 2022.02.01  
 (22) **Inng.dag basispatent:** 2014.02.11  
 (11) **Basispatent nr:** NO/EP2958921  
 (24) **Løpedag:** 2014.02.11  
 (73) **Innehaver:** Pfizer Inc.  
 (74) **Fullmektig:** BRYN AARFLOT AS,  
 Stortingsgata 8, 0161 OSLO,  
 Norge  
 (95) **Produkt:** abrocitinib, or a  
 pharmaceutically acceptable  
 salt thereof  
 01/01/0001  
 (94) **Gyldig t.om:**  
 (92) **NO markedsførings-**  
**tillatelse nr:** EU/1/21/1593  
 (92) **Dato for samme:** 2021.12.09  
 (93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** PLGB 00057/1705-0001  
 (93) **Dato for samme:** 2021.09.08  
 (54) **Benevnelse:** PYRROLO [2, 3 -  
 D]PYRIMIDINE  
 DERIVATIVES AS  
 INHIBITORS OF JANUS  
 KINASES (JAK)

(21) **Søknadsnr:** 2022005  
 (22) **Inng.dag:** 2022.02.03  
 (22) **Inng.dag basispatent:** 2014.04.22  
 (11) **Basispatent nr:** NO/EP2989106  
 (24) **Løpedag:** 2014.04.22  
 (73) **Innehaver:** BeiGene, Ltd.  
 (74) **Fullmektig:** ZACCO NORWAY AS,  
 Postboks 488, 0213 OSLO,  
 Norge  
 (95) **Produkt:** Zanubrutinib or a  
 pharmaceutically acceptable  
 salt thereof  
 01/01/0001  
 (94) **Gyldig t.om:**  
 (92) **NO markedsførings-**  
**tillatelse nr:** EU/1/21/1576  
 (92) **Dato for samme:** 2021.11.29  
 (93) **Første**  
**markedsføringstillatelse**  
**innen EØS-området:** EU/1/21/1576  
 (93) **Dato for samme:** 2021.11.23  
 (54) **Benevnelse:** FUSED HETEROCYCLIC  
 COMPOUNDS AS PROTEIN  
 KINASE INHIBITORS

## Endring i fullmaktsforhold

(21) **Søknadsnr:** 20200134  
(71) **Søker:**  
OptoScale AS, Mellomlia 56, 7018 TRONDHEIM, Norge  
(74) **Fullmektig:**  
DEHNS NORDIC AS, Fornebuveien 33, 1366 LYSAKER, Norge  
**Melding innkommet patentstyret:**  
2022.02.04

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(11) **Patentnr:** 345709  
(21) **Søknadsnr:** 20180284  
(73) **Innehaver:**  
PROPULSJONSDESIGN AS, Fuglsetbakken 22, 6416 MOLDE, Norge  
**Melding innkommet patentstyret:**  
2022.01.28

---

(11) **Patentnr:** NO/EP2443712  
(21) **Søknadsnr:** EP2443712  
(73) **Innehaver:**  
ABB Schweiz AG, Bruggerstrasse 66, 5400 BADEN, Sveits  
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(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.01.28

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(11) **Patentnr:** NO/EP2652752  
(21) **Søknadsnr:** EP2652752  
(73) **Innehaver:**  
ABB Schweiz AG, Bruggerstrasse 66, 5400 BADEN, Sveits  
Hitachi Energy Switzerland AG, Bruggerstrasse 66, 5400 BADEN, Sveits  
(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.01.28

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(11) **Patentnr:** NO/EP2659090  
(21) **Søknadsnr:** EP2659090  
(73) **Innehaver:**  
ARC Resources Ltd., Suite 2400, 525 - 8 Avenue SW, ABT2P1G1 ALBERTE, Canada  
(74) **Fullmektig:**  
Nordic Patent Service A/S, Bredgade 30, 1260 KØBENHAVN K, Danmark  
**Melding innkommet patentstyret:**  
2022.02.03

---

(11) **Patentnr:** NO/EP2729470  
(21) **Søknadsnr:** EP2729470  
(73) **Innehaver:**  
Park Therapeutics, Inc, 2033 Route 130, NJ08852 MONMOUTH JUNCTION, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.01.28

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(11) **Patentnr:** NO/EP2877742  
(21) **Søknadsnr:** EP2877742  
(73) **Innehaver:**  
Vestas Wind Systems A/S, Hedeager 42, 8200 AARHUS N, Danmark  
(74) **Fullmektig:**  
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**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patentnr:** NO/EP3235821  
(21) **Søknadsnr:** EP3235821  
(73) **Innehaver:**  
Park Therapeutics, Inc, 2033 Route 130, NJ08852 MONMOUTH JUNCTION, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.01.28

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(11) **Patentnr:** NO/EP3247352  
(21) **Søknadsnr:** EP3247352  
(73) **Innehaver:**  
Park Therapeutics, Inc, 2033 Route 130, NJ08852 MONMOUTH JUNCTION, USA  
(74) **Fullmektig:**  
ZACCO NORWAY AS, Postboks 488, 0213 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.01.28

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(11) **Patentnr:** NO/EP3250244  
(21) **Søknadsnr:** EP3250244  
(74) **Fullmektig:**  
ACAPO AS, Postboks 1880 Nordnes, 5817 BERGEN, Norge  
**Melding innkommet patentstyret:**  
2022.01.24

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(11) **Patentnr:** NO/EP3288933  
(21) **Søknadsnr:** EP3288933  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.02.01

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(11) **Patentnr:** NO/EP3362066  
(21) **Søknadsnr:** EP3362066  
(74) **Fullmektig:**  
BRYN AARFLOT AS, Stortingsgata 8, 0161 OSLO, Norge  
**Melding innkommet patentstyret:**  
2022.01.25

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(11) **Patentnr:** NO/EP3424053  
(21) **Søknadsnr:** EP3424053  
(74) **Fullmektig:**  
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