

**General:**

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- Status of the document <ep-bulletin>: **Replacement of data for an application already published**
- Changed tag from previous publication of document <B002EP><ep-chgt-info>: **B475=N,20230127**
- Publication number of the document (EPO or WIPO) <B110>: **3465286**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **17803380.9**
- Application filing date <B220>: **2017.05.23**
- Date of refusal of application <B235>:
- Date of withdrawal of application <B235>:
- Date of application deemed withdrawn <B237>:
- Date of receipt of request for re-establishment of rights <B238EP>:
- Date of decision for re-establishment of rights <B238>:
- Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date <B430>: **2019.04.10**
- Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date <B450><date>: **2022.07.27**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: **202230**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2022.10.27**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[jj]>:
- Date of reception of document: **2023.03.03**
- Date of publication <B140>: **2023.03.01**

**Priority <B300>:**

<b>Number(s) assigned to priority application(s) &lt;B310&gt;:</b>	<b>Date(s) of filing of priority application(s) &lt;B320&gt;:</b>	<b>National property office allotting the priority application number or the organization allotting the regional priority application Number (WO for PCT) – country code &lt;B330&gt;:</b>
	2016.05.25	US

**Lapse <B472>:**

No lapse.

**Classification <B500>:**

<b>IPC (8) as one fixed length field of 50 positions &lt;B510EP&gt;&lt;text&gt;:</b>	<b>Edition of IPC (IPC version) &lt;B516&gt;:</b>
G01V 1/28 20060101ALI20191212BHEP	8
G01V 1/30 20060101ALI20191212BHEP	8
G01V 1/46 20060101AFI20191212BHEP	8
G01V 1/48 20060101ALI20191212BHEP	8
G01V 1/50 20060101ALI20191212BHEP	8

**Title <B540>:**

No title.

**Division <B620> or <B620EP>:**

No division.

**EPO Customer <B710>&<B720>&<B730>&<B740>:**

<b>Name &lt;snm&gt;:</b>	DONALD, John Adam	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
<b>Name &lt;snm&gt;:</b>	Geoquest Systems B.V.	<b>EPO number of the customer &lt;iid&gt;:</b>	101583301

<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Gevers Deynootweg 61 2586 BJ The Hague NL		
<b>Customer type:</b>	Grantees	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	JEONG, Cheolkyun	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	c/o Schlumberger Technologies(Beijing)Ltd 9th floor Innovation Plaza A Tsinghua Science Park Beijing 100084 CN		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	JING, Boxian	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	c/o Katy Drilling Software Center 23500 Colonial Parkway Katy, Texas 77493 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	JOCKER, Jeroen	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	KARPFINGER, Florian	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	c/o Parc Industriel et Technologique de la Pompignane 895 Rue de la Vieille Poste 34006 Montpellier		

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<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Schlumberger Intellectual Property Department	<b>EPO number of the customer &lt;iid&gt;:</b>	101753518
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<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0
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<b>Name &lt;snm&gt;:</b>	WIELEMAKER, Erik	<b>EPO number of the customer &lt;iid&gt;:</b>	
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	c/o Schlumberger Oilfield Services Parkstraat 83 2514 JG The Hague NL		
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<b>Customer type:</b>	Inventor	<b>Status:</b>	0
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**Opposition <B780>:**  
No opposition.

**Designated countries <B840>:**

<b>Kind of document &lt;B130&gt;:</b>	<b>Date of publication &lt;B140&gt;:</b>	<b>Country code &lt;B840&gt;&lt;ctry&gt;:</b>
B1	2023.03.01	NO

**PCT <B860>&<B870>:**

<b>Kind of document &lt;B130&gt;:</b>	B1		
<b>PCT Application number &lt;B861&gt;&lt;anum&gt;:</b>	US2017033898	<b>Date of filing &lt;B861&gt;&lt;date&gt;:</b>	2017.05.23
<b>PCT Publication number &lt;B871&gt;&lt;pnum&gt;:</b>	WO2017205307	<b>Publication date &lt;B871&gt;&lt;date&gt;:</b>	2017.11.30
<b>Issue number of the Gazette &lt;B871&gt;&lt;bnum&gt;:</b>	201748	<b>Country code &lt;B862&gt;:</b>	en

**Citations <B560>:**

<b>Kind of document &lt;B130&gt;:</b>	<b>Type &lt;B561&gt; or &lt;B562&gt;:</b>	<b>Text &lt;B561&gt;&lt;text&gt; or &lt;B562&gt;&lt;text&gt;:</b>
B1	PT citation	EP-B1- 1 324 076
B1	PT citation	WO-A1-2013/112466
B1	PT citation	WO-A2-2013/016470
B1	PT citation	US-A1- 2002 183 930
B1	PT citation	US-A1- 2008 086 287
B1	PT citation	US-A1- 2012 078 600
B1	PT citation	US-A1- 2014 365 420
B1	PT citation	US-A1- 2015 285 936