

**General:**

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- EPO Application number <B210>: **15716969.9**
- Application filing date <B220>: **2015.04.08**
- Date of refusal of application <B235>:
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**Priority <B300>:**

Number(s) assigned to priority application(s) <B310>:	Date(s) of filing of priority application(s) <B320>:	National property office allotting the priority application number or the organization allotting the regional priority application Number (WO for PCT) – country code <B330>:
	2014.04.09	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>
E21B 21/00 20060101AFI20161008BHEP	8

**Title <B540>:**

No title.

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

No division.

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

<b>Name &lt;snm&gt;:</b>	Docherty, Andrew John	<b>EPO number of the customer &lt;iid&gt;:</b>	100767834
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Marks & Clerk LLP The Beacon 176 St Vincent Street Glasgow G2 5SG GB		
<b>Customer type:</b>	Attorney / Agent	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	KARIMI, Mojtaba	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	2000 St. James Place Houston, TX 77056 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	MUTLU, Ovunc	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	6550 W. Sam Houston Parkway N. Suite 250 Houston, TX 77041 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	OAR, Trevor	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	400 635-6th Avenue SW Office 108 Calgary, AB CA		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	SAFARIFOROSHANI, Mohammadreza	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	6550 W. Sam Houston Parkway N. Suite 250 Houston, TX 77041 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	SHAHRI, Mojtaba P.	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	6550 W. Sam Houston Parkway N. Suite 250 Houston, TX 77041 US		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Weatherford Technology Holdings, LLC	<b>EPO number of the customer &lt;iid&gt;:</b>	101486497
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<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	2000, St. James Place Houston, TX 77056 US		
<b>Customer type:</b>	Grantees	<b>Status:</b>	0

**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	2023.11.01	NO

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

<b>Kind of document &lt;B130&gt;:</b>	B1		
<b>PCT Application number &lt;B861&gt;&lt;anum&gt;:</b>	US2015024887	<b>Date of filing &lt;B861&gt;&lt;date&gt;:</b>	2015.04.08
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**Citations <B560>:**

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B1	PT citation	WO-A1-2012/170382
B1	PT citation	WO-A1-2013/119685
B1	PT citation	US-A1- 2011 153 296