

**General:**

- Id of document version: **14754970**
- 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,20181012**
- Publication number of the document (EPO or WIPO) <B110>: **2513678**
- Kind of document <B130>: **B1**
- EPO Application number <B210>: **10787525.4**
- Application filing date <B220>: **2010.11.19**
- 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- Date of application deemed withdrawn 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>: **2012.10.24**
- 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>: **2015.01.07**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnun>: **201502**
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2015.04.07**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[jj]>:
- Date of reception of document: **2018.11.16**
- Date of publication <B140>: **2018.11.14**

**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>
	2009.12.16	EP
	2010.05.06	GB

**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 3/32 20060101AFI20110705BHEP	8

**Title <B540>:**

No title.

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

<b>Application number of the parent application &lt;B620&gt;&lt;anum&gt; or &lt;B620EP&gt;&lt;anum&gt;:</b>	<b>Publication number of the parent application &lt;B620&gt;&lt;pnum&gt; or &lt;B620EP&gt;&lt;pnum&gt;:</b>	<b>Date of receipt &lt;B620&gt;&lt;date&gt; or &lt;B620EP&gt;&lt;date&gt;:</b>	<b>Parent &lt;B620&gt; or &lt;B620EP&gt;:</b>
14180268.6		2014.08.07	1
14180269.4		2014.08.07	1
14180270.2		2014.08.07	1

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

<b>Name &lt;snm&gt;:</b>	BP Exploration Operating Company Limited	<b>EPO number of the customer &lt;iid&gt;:</b>	101113162
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	Chertsey Road Sunbury on Thames, Middlesex TW16 7BP GB		
<b>Customer type:</b>	Grantees	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	CHEN, Quan	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;,</b>	41 Catherine DriveSunbury on Thames		

<b>&lt;city&gt;, &lt;ctry&gt;:</b>	Middlesex TW16 7TF GB		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	COLLINS, Ian, Ralph	<b>EPO number of the customer &lt;iid&gt;:</b>	
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	44 Kenton AvenueSunbury on Thames Middlesex TW16 5AR GB		
<b>Customer type:</b>	Inventor	<b>Status:</b>	0

<b>Name &lt;snm&gt;:</b>	Wilson, Nicola Ann	<b>EPO number of the customer &lt;iid&gt;:</b>	101164104
<b>Address &lt;street&gt;, &lt;city&gt;, &lt;ctry&gt;:</b>	BP International Limited Global Patents & Technology Law Chertsey Road Sunbury-on-Thames, Middx TW16 7LN GB		
<b>Customer type:</b>	Attorney / Agent	<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	2018.11.14	NO

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

<b>Kind of document &lt;B130&gt;:</b>	B1		
<b>PCT Application number</b>	GB2010002142	<b>Date of filing &lt;B861&gt;&lt;date&gt;:</b>	2010.11.19

<b>&lt;B861&gt;&lt; anum&gt;:</b>			
<b>PCT Publication number &lt;B871&gt;&lt; pnum&gt;:</b>	WO2011073608	<b>Publication date &lt;B871&gt;&lt; date&gt;:</b>	2011.06.23
<b>Issue number of the Gazette &lt;B871&gt;&lt; bnum&gt;:</b>	201125	<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	US-A- 5 162 733
B1	PT citation	US-A1- 2006 132 131
B1	Non PT citation	HSU W., LI X., FLUMERFELT R.W.: "Wettability of Porous Media by NMR Relaxation Methods", SOCIETY OF PETROLEUM ENGINEERS, SPE, no. SPE24761, 4 October 1992 (1992-10-04), - 7 October 1992 (1992-10-07), pages 1027-1037, XP002582762,
B1	Non PT citation	LOOYESTIJN W., HOFMAN J.: "Wettability Index Determination by Nuclear Magnetic Resonance", SOCIETY OF PETROLEUM ENGINEERS, SPE, no. SPE93624, 12 March 2005 (2005-03-12), - 15 March 2005 (2005-03-15), pages 1-8, XP002582763,
B1	Non PT citation	FREEDMAN R., HEATON N., FLAUM M., HIRASAKI G.J., FLAUM C., HÜRLIMANN M: "Wettability, Saturation and Viscosity Using the Magnetic Resonance Fluid

		Characterization Method and New Diffusion-Editing Pulse Sequences", SOCIETY OF PETROLEUM ENGINEERS, SPE PROCEEDINGS, 2 September 2002 (2002-09-02), pages 613-625, XP9060685,
--	--	---