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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2013/050284

A. CLASSIFICATION OF SUBJECT MATTER
INV. E21B43/24
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2012/061080 A1 (SULTENFUSS DANIEL R [US] ET AL) 15 March 2012 (2012-03-15) paragraphs [0041], [0042], [0046], [0048], [0049] -----	1-10
A	WO 2012/037147 A1 (CONOCOPHILLIPS CO [US]; HARRIS CORP [US]; PARSCHE FRANCIS EUGENE [US];) 22 March 2012 (2012-03-22) paragraphs [0014] - [0018], [0031], [0046], [0054] -----	1-10
A	US 2012/118565 A1 (TRAUTMAN MARK [US] ET AL) 17 May 2012 (2012-05-17) paragraphs [0083], [0087], [0110], [0112], [0123], [0131] ----- -/-	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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"&" document member of the same patent family

Date of the actual completion of the international search

9 July 2014

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2013/050284

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2011/253368 A1 (BANERJEE DWIJEN K [US] ET AL) 20 October 2011 (2011-10-20) paragraph [0021]; figures 1,2 -----	1-10
A	US 4 362 213 A (TABOR PAUL R) 7 December 1982 (1982-12-07) figure 1 -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2013/050284

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012061080 A1	15-03-2012	CA 2807713 A1	22-03-2012
		US 2012061080 A1	15-03-2012
		WO 2012037221 A1	22-03-2012

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		WO 2012037147 A1	22-03-2012

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		US 2014076556 A1	20-03-2014

US 2011253368 A1	20-10-2011	NONE	

US 4362213 A	07-12-1982	NONE	
