



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 90 76 64

Classification of the application (IPC):

E21B 43/00, E21B 43/12, G01F 1/72, G01F 1/74, G01F 1/76, G01F 7/00, G01F 15/08

Technical fields searched (IPC):

E21B, F23G

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	US 2015226051 A1 (MACHADO MIGUEL ARMANDO [MX] ET AL) 13 August 2015 (2015-08-13) * paragraphs [0031], [0035] - [0037], [0049] *	1-5, 9-15 6-8
Y	US 2015293506 A1 (MOHIDEEN MOHAMMED IBRAHIM [IN] ET AL) 15 October 2015 (2015-10-15) * paragraph [0026] *	6-8

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 13 January 2020	Examiner Rampelmann, Klaus
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 13-01-2020
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2015226051 A1	13-08-2015	CN 104832152 A	12-08-2015
		EP 2910730 A2	26-08-2015
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