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HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
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ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
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(54) **Title:** NANOCLAY ASSISTED HIGH TEMPERATURE CROSSLINKED FRACTURING FLUIDS

(57) **Abstract:** A fracturing fluid is provided including a mixture of an aqueous copolymer composition including a copolymer, the copolymer having acrylamide monomer units, or acrylic acid monomer units, or both, or salts thereof. The molar includes a crosslinker and a nanoclay.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
C09K 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.
X	REIHANEH ZOLFAGHARI ET AL: "Preparation and characterization of nanocomposite hydrogels based on polyacrylamide for enhanced oil recovery applications", JOURNAL OF APPLIED POLYMER SCIENCE, vol. 100, no. 3, 5 May 2006 (2006-05-05), pages 2096-2103, XP055021714, ISSN: 0021-8995, DOI: 10.1002/app.23193	1-24
A	* page 2097, section before Experimental, pages 2097-2098, Experimental *	25-27
A	WO 2017/023564 A1 (SAUDI ARABIAN OIL CO [SA]; ARAMCO SERVICES CO [US]) 9 February 2017 (2017-02-09) the whole document	1-27
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Nemes, Csaba A.
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INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2017/123274 A1 (SAUDI ARABIAN OIL CO [SA]; ARAMCO SERVICES CO [US]) 20 July 2017 (2017-07-20) the whole document -----	1-27
A	WO 2015/027084 A1 (BAKER HUGHES INC [US]) 26 February 2015 (2015-02-26) the whole document -----	1-27
A	WO 2018/194663 A1 (HALLIBURTON ENERGY SERVICES INC [US]) 25 October 2018 (2018-10-25) the whole document -----	1-27
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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