

Title (en)

COMPOSITIONS AND METHODS OF TREATING HIGH TEMPERATURE SUBTERRANEAN FORMATIONS

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR BEARBEITUNG UNTERIRDISCHER HOCHTEMPERATUR-FORMATIONEN

Title (fr)

COMPOSITIONS ET PROCÉDÉS DE TRAITEMENT DE FORMATIONS SOUTERRAINES À TEMPÉRATURE ÉLEVÉE

Publication

EP 2758488 A1 20140730 (EN)

Application

EP 12731854 A 20120620

Priority

- US 201113236378 A 20110919
- US 2012043308 W 20120620

Abstract (en)

[origin: WO2013043243A1] Well treatment fluids and methods of treating high temperature subterranean formations of up to about 500 F (260 C) are provided. The well treatment fluids and methods utilize a high molecular weight synthetic copolymer and a pH buffer than maintains a pH in a range of about 4.5 to about 5.25 for the fluids. The high molecular weight synthetic copolymer is derived from acrylamide, acrylamidomethylpropanesulfonic acid, and vinyl phosphonates. The well treatment fluids may be energized or foamed.

IPC 8 full level

C09K 8/68 (2006.01); **C09K 8/70** (2006.01); **C09K 8/72** (2006.01)

CPC (source: CN EP)

C09K 8/602 (2013.01 - CN); **C09K 8/604** (2013.01 - CN); **C09K 8/685** (2013.01 - CN EP); **C09K 8/703** (2013.01 - CN EP); **C09K 8/725** (2013.01 - EP); **C09K 8/882** (2013.01 - CN); **C09K 8/887** (2013.01 - CN); **C09K 2208/24** (2013.01 - CN); **C09K 2208/26** (2013.01 - CN)

Citation (search report)

See references of WO 2013043243A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013043243 A1 20130328; AR 087893 A1 20140423; AU 2012313410 A1 20140320; BR 112014006604 A2 20170328; CA 2849248 A1 20130328; CA 2849248 C 20180710; CN 104024369 A 20140903; CO 6910177 A2 20140331; EP 2758488 A1 20140730; MX 2014003324 A 20140521; MX 368317 B 20190927; NZ 621852 A 20160729; RU 2014115672 A 20151027

DOCDB simple family (application)

US 2012043308 W 20120620; AR P120103412 A 20120914; AU 2012313410 A 20120620; BR 112014006604 A 20120620; CA 2849248 A 20120620; CN 201280045707 A 20120620; CO 14054084 A 20140313; EP 12731854 A 20120620; MX 2014003324 A 20120620; NZ 62185212 A 20120620; RU 2014115672 A 20120620