

Title (en)

CONSOLIDATING SPACER FLUIDS AND METHODS OF USE

Title (de)

KONSOLIDIERENDE DISTANZFLÜSSIGKEITEN UND VERFAHREN ZUR VERWENDUNG

Title (fr)

FLUIDES ESPACEURS DE CONSOLIDATION ET PROCÉDÉS D'UTILISATION

Publication

EP 2935506 A4 20161026 (EN)

Application

EP 13864420 A 20131220

Priority

- US 201213725833 A 20121221
- US 2013076959 W 20131220

Abstract (en)

[origin: WO2014100604A1] Disclosed are spacer fluids and methods of use in subterranean formations. Embodiments may include use of consolidating spacer fluids in displacement of drilling fluids from a well bore annulus.

IPC 8 full level

C09K 8/40 (2006.01); **C04B 38/10** (2006.01)

CPC (source: EP RU)

C04B 38/10 (2013.01 - EP); **C09K 8/40** (2013.01 - RU); **C09K 8/424** (2013.01 - EP); **C09K 8/473** (2013.01 - EP); **C09K 8/487** (2013.01 - EP); **E21B 33/138** (2013.01 - RU); **Y02W 30/91** (2015.05 - EP)

C-Set (source: EP)

1. **C04B 38/10 + C04B 14/047 + C04B 14/06 + C04B 14/10 + C04B 14/108 + C04B 14/16 + C04B 18/101 + C04B 18/141 + C04B 18/146 + C04B 18/162 + C04B 18/22 + C04B 20/002 + C04B 20/0048 + C04B 20/008 + C04B 22/064 + C04B 22/143 + C04B 24/26 + C04B 24/38 + C04B 28/04 + C04B 2103/408 + C04B 2103/44 + C04B 2103/46 + C04B 2103/50 + C04B 2103/61**
2. **C04B 38/10 + C04B 28/021**

Citation (search report)

- [X] US 2011017452 A1 20110127 - BENKLEY JAMES ROBERT [US], et al
- [XI] WO 9748879 A1 19971224 - ATLANTIC RICHFIELD CO [US], et al
- [X] US 2010224366 A1 20100909 - LENDE GUNNAR [NO], et al
- [A] US 2012073813 A1 20120329 - ZAMORA FRANK [US], et al
- See references of WO 2014100604A1

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 2014100604 A1 20140626; AR 094176 A1 20150715; AU 2013361111 A1 20150604; AU 2013361111 B2 20151008; BR 112015011635 A2 20170711; CA 2891718 A1 20140626; CN 104995279 A 20151021; EP 2935506 A1 20151028; EP 2935506 A4 20161026; IN 4157DEN2015 A 20151016; MX 2015006334 A 20160120; MY 181579 A 20201229; NZ 707995 A 20190125; NZ 742608 A 20190125; RU 2015118699 A 20170202; RU 2612763 C2 20170313

DOCDB simple family (application)

US 2013076959 W 20131220; AR P130104904 A 20131219; AU 2013361111 A 20131220; BR 112015011635 A 20131220; CA 2891718 A 20131220; CN 201380067250 A 20131220; EP 13864420 A 20131220; IN 4157DEN2015 A 20150515; MX 2015006334 A 20131220; MY PI2015701601 A 20131220; NZ 70799513 A 20131220; NZ 74260813 A 20131220; RU 2015118699 A 20131220