

Title (en)

METHODS OF PREVENTING EMULSIFICATION OF CRUDE OIL IN WELL BORE TREATMENT FLUIDS

Title (de)

VERFAHREN ZUR PRÄVENTION DER EMULGIERUNG VON ROHÖL IN BOHRLOCHBEHANDLUNGSFLÜSSIGKEITEN

Title (fr)

PROCÉDÉS DE PRÉVENTION DE L'ÉMULSIFICATION DE PÉTROLE BRUT DANS DES FLUIDES DE TRAITEMENT DE PUITS DE FORAGE

Publication

**EP 2906660 A4 20160601 (EN)**

Application

**EP 13844827 A 20131010**

Priority

- US 201213649156 A 20121011
- US 2013064373 W 20131010

Abstract (en)

[origin: WO2014059167A1] Of the many compositions and methods provided herein, one method includes a method of preventing emulsification of crude oil into an aqueous-based treatment fluid, comprising: contacting crude oil in a well bore with the aqueous-based treatment fluid comprising a styrene-acrylate copolymer, wherein the crude oil has an API gravity of about 10 or greater; and allowing the styrene-acrylate copolymer to interact with the crude oil in the well bore.

IPC 8 full level

**C09K 8/588** (2006.01); **C09K 8/12** (2006.01); **E21B 43/22** (2006.01)

CPC (source: EA EP)

**C09K 8/035** (2013.01 - EA EP); **C09K 8/588** (2013.01 - EA EP)

Citation (search report)

- [I] WO 2009050432 A1 20090423 - HALLIBURTON ENERGY SERV INC [US], et al
- [A] US 2004204324 A1 20041014 - BALTOIU LEN [CA], et al
- [A] WO 2004050790 A1 20040617 - MARQUIS FLUIDS INC [CA]
- [A] WO 2011006024 A2 20110113 - NALCO CO [US], et al
- [A] WO 2006070173 A1 20060706 - HALLIBURTON ENERGY SERV INC [US], et al
- See references of WO 2014059167A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**US 2013064373 W 20131010**; AR P130103628 A 20131007; AU 2013329180 A 20131010; BR 112015007806 A 20131010; CA 2886931 A 20131010; EA 201590499 A 20131010; EP 13844827 A 20131010; MX 2015004318 A 20131010