

Title (en)
USE OF HYDROPHOBICALLY ASSOCIATING COPOLYMER AS ADDITIVE IN SPECIFIC OILFIELD APPLICATIONS

Title (de)
VERWENDUNG EINES HYDROPHOB ASSOZIIERENDEN COPOLYMERS ALS ADDITIV IN SPEZIELLEN ÖLFELDDANWENDUNGEN

Title (fr)
UTILISATION D'UN COPOLYMÈRE À AFFINITÉS HYDROPHOBES EN TANT QU'ADJUVANT DANS DES APPLICATIONS SPÉCIFIQUES AUX CHAMPS PÉTROLIERS

Publication
EP 2643369 A4 20140507 (EN)

Application
EP 11843565 A 20111102

Priority

- EP 10192387 A 20101124
- IB 2011054855 W 20111102
- EP 11843565 A 20111102

Abstract (en)
[origin: EP2457973A1] Use of a water soluble and hydrophobically associating copolymer comprising (a) at least one monoethylenically unsaturated water soluble and surface-active monomer, and (b) at least one monoethylenically unsaturated hydrophilic monomer that is different from monomer (a), as an additive in the development, exploitation and completion of underground crude oil and natural gas deposits, is claimed. A further component comprising (c) at least one non-polymerizable and surface active compound is added during the synthesis of the copolymer before initiating the polymerization reaction.

IPC 8 full level
C08F 20/28 (2006.01); **C08F 20/56** (2006.01); **C09K 8/035** (2006.01); **C09K 8/40** (2006.01); **C09K 8/588** (2006.01); **C09K 8/60** (2006.01); **C09K 8/68** (2006.01)

CPC (source: EP US)
C08F 220/286 (2020.02 - EP US); **C08G 65/2609** (2013.01 - EP); **C09K 8/035** (2013.01 - EP US); **C09K 8/40** (2013.01 - EP); **C09K 8/588** (2013.01 - EP); **C09K 8/602** (2013.01 - EP); **C09K 8/68** (2013.01 - EP); **C09K 8/882** (2013.01 - EP); **C09K 8/94** (2013.01 - EP); **C08F 220/56** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)
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EP 2457973 A1 20120530; AU 2011333421 A1 20130606; AU 2011333421 B2 20150910; BR 112013013017 A2 20160809; CA 2818089 A1 20120531; CA 2818089 C 20180918; CN 103339160 A 20131002; CN 103339160 B 20160824; EA 027581 B1 20170831; EA 201300606 A1 20140331; EP 2643369 A1 20131002; EP 2643369 A4 20140507; MX 2013005675 A 20130705; MX 355875 B 20180503; WO 2012069942 A1 20120531

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EP 10192387 A 20101124; AU 2011333421 A 20111102; BR 112013013017 A 20111102; CA 2818089 A 20111102; CN 201180065891 A 20111102; EA 201300606 A 20111102; EP 11843565 A 20111102; IB 2011054855 W 20111102; MX 2013005675 A 20111102