

Title (en)
METHOD FOR TERTIARY PETROLEUM RECOVERY BY MEANS OF A HYDROPHOBICALLY ASSOCIATING POLYMER

Title (de)
VERFAHREN ZUR TERTIÄREN ERDÖLFÖRDERUNG UNTER NUTZUNG EINES HYDROPHOB ASSOZIIERENDEN POLYMERS

Title (fr)
PROCÉDÉ D'EXTRACTION TERTIAIRE DE PÉTROLE À L'AIDE D'UN POLYMÈRE À GROUPES HYDROPHOBES ASSOCIATIFS

Publication
EP 3402858 A1 20181121 (DE)

Application
EP 17700059 A 20170104

Priority
• EP 16151032 A 20160113
• EP 2017050135 W 20170104

Abstract (en)
[origin: WO2017121669A1] The invention relates to a method for the tertiary recovery of petroleum from underground deposits having a deposit temperature of $\leq 70^{\circ}\text{C}$, wherein a copolymer comprising (meth)acrylamide or derivatives thereof, monoethylenically unsaturated carboxylic acids, in particular acrylic acid, and an associative monomer is used, wherein the amount of the associative monomer is 0.1 to 0.9 wt%. A water-soluble copolymer comprising (meth)acrylamide or derivatives thereof, monoethylenically unsaturated carboxylic acids, in particular acrylic acid, and 0.1 to 0.9 wt% of an associative monomer.

IPC 8 full level
C09K 8/035 (2006.01)

CPC (source: EP US)
C08F 220/56 (2013.01 - EP US); **C08F 283/065** (2013.01 - EP US); **C09K 8/035** (2013.01 - EP US); **C09K 8/588** (2013.01 - EP US);
C08F 220/06 (2013.01 - US)

C-Set (source: EP US)
1. **C08F 283/065 + C08F 220/56**
2. **C08F 220/56 + C08F 220/06**

Citation (search report)
See references of WO 2017121669A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017121669 A1 20170720; AR 109497 A1 20181219; BR 112018014374 A2 20181218; CA 3009290 A1 20170720;
CN 108431170 A 20180821; EP 3402858 A1 20181121; MX 2018008704 A 20180921; RU 2018129340 A 20200214;
RU 2018129340 A3 20200518; US 2019031946 A1 20190131; ZA 201805292 B 20200129

DOCDB simple family (application)
EP 2017050135 W 20170104; AR P170100108 A 20170113; BR 112018014374 A 20170104; CA 3009290 A 20170104;
CN 201780006072 A 20170104; EP 17700059 A 20170104; MX 2018008704 A 20170104; RU 2018129340 A 20170104;
US 201716069646 A 20170104; ZA 201805292 A 20180810