

Title (en)

METHOD FOR DIRECTIONAL FRACKING OF AN UNDERGROUND FORMATION, INTO WHICH AT LEAST ONE DEVIATED BORE IS SUNK

Title (de)

VERFAHREN ZUM GERICHTETEN FRACEN EINER UNTERIRDISCHEN FORMATION, IN DIE MINDESTENS EINE ABGELENKTE BOHRUNG ABGETEUFST IST

Title (fr)

PROCÉDÉ DE FRACTURATION D'UNE FORMATION SOUTERRAINE DANS LAQUELLE EST CREUSÉ AU MOINS UN TROU DE FORAGE DÉVIÉ

Publication

**EP 2906781 A1 20150819 (DE)**

Application

**EP 13766358 A 20130925**

Priority

- EP 12186274 A 20120927
- EP 2013070009 W 20130925
- EP 13766358 A 20130925

Abstract (en)

[origin: WO2014049017A1] The invention relates to a method for fracking an underground formation, comprising at least the following steps: a) sinking a deviated bore (1), which comprises a quasi-vertical segment (11) and a quasi-horizontal segment (12), into the underground formation, b) introducing hollow bodies (HK) and a flowable explosive (FS) that can be detonated into the deviated bore (1), and (c) initiating the detonation in the deviated bore (1), wherein the hollow bodies (HK) have a density (DHK) and the flowable explosive (FS) that can be detonated has a density (DFS) and (DHK) is less than (DFS) and a resting phase is inserted after the end of step b) and before step c), whereby the hollow bodies (HK) float up in the flowable explosive (FS) that can be detonated.

IPC 8 full level

**E21B 43/263** (2006.01); **F42B 3/08** (2006.01); **F42D 1/10** (2006.01); **F42D 1/24** (2006.01); **F42D 3/00** (2006.01); **F42D 3/04** (2006.01)

CPC (source: EP US)

**E21B 43/263** (2013.01 - EP US); **F42B 3/08** (2013.01 - EP US); **F42D 1/10** (2013.01 - EP US); **F42D 1/24** (2013.01 - EP US); **F42D 3/00** (2013.01 - EP US); **F42D 3/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2014049017A1

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 2014049017 A1 20140403**; CA 2882933 A1 20140403; EA 201590643 A1 20150930; EP 2906781 A1 20150819; US 2015252662 A1 20150910

DOCDB simple family (application)

**EP 2013070009 W 20130925**; CA 2882933 A 20130925; EA 201590643 A 20130925; EP 13766358 A 20130925; US 201314430998 A 20130925