

Title (en)

Method and device for stimulating a treatment zone near a wellbore area of a subterranean formation

Title (de)

Verfahren und Vorrichtung zur Stimulierung einer Behandlungszone in der Nähe eines Bohrlochbereich einer unterirdischen Formation

Title (fr)

Procédé et dispositif permettant de stimuler une zone de traitement à proximité d'une zone de puits de forage d'une formation souterraine

Publication

**EP 2940245 B1 20230920 (EN)**

Application

**EP 14166246 A 20140428**

Priority

EP 14166246 A 20140428

Abstract (en)

[origin: EP2940245A1] The invention concerns a method for stimulating a treatment zone near a wellbore (10) area in fluid connection with at least one porous zone (9) of a subterranean formation (1), said method comprising the steps of generating (S1a) at least one electrical discharge in said wellbore at a distance from the at least one porous zone in order to propagate at least one shock wave adapted to fracture said treatment zone (3) and introducing (S2a) a chemical agent within said treatment zone for increasing the permeability of said treatment zone.

IPC 8 full level

**E21B 43/24** (2006.01); **E21B 43/25** (2006.01); **E21B 43/26** (2006.01)

CPC (source: EP US)

**E21B 43/2401** (2013.01 - EP); **E21B 43/25** (2013.01 - EP); **E21B 43/27** (2020.05 - EP US)

Cited by

EP3461990A1; US2019100981A1; US10865622B2; US10724352B2

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)

**EP 2940245 A1 20151104; EP 2940245 B1 20230920**

DOCDB simple family (application)

**EP 14166246 A 20140428**