

Title (en)

USE OF IONIZED FLUID IN HYDRAULIC FRACTURING

Title (de)

VERWENDUNG EINER IONISIERTEN FLÜSSIGKEIT BEI HYDRAULISCHEM FRACKING

Title (fr)

UTILISATION D'UN FLUIDE IONISÉ LORS D'UNE FRACTURATION HYDRAULIQUE

Publication

EP 3134608 A1 20170301 (EN)

Application

EP 14887277 A 20140328

Priority

US 2014032238 W 20140328

Abstract (en)

[origin: WO2015147873A1] A method and system for generating an ionized fluid, injecting the ionized fluid into fissures in a subterranean formation, pressurizing the ionized fluid, whereby the crystalline structure of a portion of the shale deposits located at the fissures are changed into suspended particles, whereby the depressurization of the ionized fluid forces the suspended particles out of the fissures, increasing the flow of hydrocarbons from those fissures.

IPC 8 full level

E21B 43/25 (2006.01)

CPC (source: EP)

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