

Title (en)

IN SITU PUMP FOR DOWNHOLE APPLICATIONS

Title (de)

IN-SITU-PUMPE FÜR BOHRLOCHANWENDUNGEN

Title (fr)

POMPE IN SITU POUR DES APPLICATIONS DE FOND

Publication

EP 3726003 B1 20220928 (EN)

Application

EP 20172825 A 20151203

Priority

- US 201462086848 P 20141203
- EP 15864856 A 20151203
- US 2015063769 W 20151203

Abstract (en)

[origin: EP3726003A1] An apparatus for providing pressurized fluid to a formation that includes a power source body configured to contain a gas-generating fuel and a tool body comprising a first chamber and a second chamber. The first chamber is configured to hold a fluid, and the second chamber is configured to receive gas from the gas-generating fuel within the power source body. The apparatus further comprises a piston sealed between the first chamber and the second chamber and configured to stroke through the first chamber in response to a pressure increase within the second chamber, and a hose configured to generate a high-pressure jet of the fluid and to extend from the tool body or a diverter sub into the formation when the piston strokes through the first chamber.

IPC 8 full level

E21B 43/00 (2006.01)

CPC (source: EP US)

E21B 7/18 (2013.01 - EP); **E21B 43/26** (2013.01 - EP US); **F04B 47/08** (2013.01 - EP)

Citation (examination)

US 7073582 B2 20060711 - CONNELL MICHAEL L [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3726003 A1 20201021; **EP 3726003 B1 20220928**; DK 3227527 T3 20200817; EP 3227527 A1 20171011; EP 3227527 A4 20180523; EP 3227527 B1 20200506

DOCDB simple family (application)

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