

Title (en)

A DEVICE FOR TREATING A BOTTOM-HOLE FORMATION WELLBORE

Title (de)

VORRICHTUNG ZUR BEHANDLUNG EINES BOHRLOCHS MIT BODENBOHRUNGSBILDUNG

Title (fr)

DISPOSITIF DE TRAITEMENT D'UN Puits DE FORAGE DE FORMATION DE FOND DE TROU

Publication

EP 3997305 A4 20230726 (EN)

Application

EP 19937754 A 20190712

Priority

CA 2019050970 W 20190712

Abstract (en)

[origin: WO2021007645A1] A device for treating a bottom-hole formation of a wellbore comprises a firing head and seal block assembly at a proximal end thereof and a bullnose assembly at a distal end thereof. A carrier tube extends between the firing head and seal block assembly and the bullnose assembly. The carrier tube contains a combustible chemical composition which generates hydrochloric acid gas or hydrofluoric acid gas or a combination thereof when combusted. A dispersion tube extends from the carrier tube. The dispersion tube has a lateral opening. The lateral opening may be a slot or an aperture. There is a charge wire electrically connecting the firing head and sealing block assembly to the combustible chemical composition.

IPC 8 full level

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CPC (source: EP IL US)

E21B 36/008 (2013.01 - US); **E21B 37/00** (2013.01 - US); **E21B 37/06** (2013.01 - EP IL); **E21B 37/08** (2013.01 - EP IL);
E21B 43/255 (2013.01 - EP IL)

Citation (search report)

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- [YA] CA 2716975 C 20180501 - LAMROCK CANADA INCORPORATED [CA]
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- [A] US 3076507 A 19630205 - SWEETMAN WILLIAM G
- [A] US 4352397 A 19821005 - CHRISTOPHER GLENN B
- See also references of WO 2021007645A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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