

Title (en)

METHOD FOR ABANDONING WELLBORES

Title (de)

VERFAHREN ZUM AUFLASSEN VON BOHRLÖCHERN

Title (fr)

PROCÉDÉ SERVANT À ABANDONNER DES PUITS DE FORAGE

Publication

EP 3990747 A1 20220504 (EN)

Application

EP 19765548 A 20190625

Priority

IB 2019055355 W 20190625

Abstract (en)

[origin: WO2020260928A1] A method of abandoning a wellbore can include obtaining a first sample data set within a wellbore, wherein the first sample data set is a sample of an acoustic signal originating within the wellbore; determining a plurality of frequency domain features of the first sample data set; identifying a fluid flow location within the wellbore using the first plurality of frequency domain features; setting a barrier (130A, 131A, 130B, 131B, 130C) at or above the fluid flow location; obtaining a second sample data set above the barrier, wherein the second sample data set is a sample of an acoustic signal originating within the wellbore above the barrier; determining a second plurality of frequency domain features of the second sample data set; and identifying that a fluid flow rate or flow mechanism at the fluid flow location has been reduced or eliminated and/or identifying another fluid flow location using the second plurality of frequency domain features.

IPC 8 full level

E21B 47/10 (2012.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2020260928A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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