

Title (en)

Apparatus and methods for through-casing remedial zonal isolation

Title (de)

Vorrichtung und Verfahren zur Abhilfebereichsisolierung durch die Hülse

Title (fr)

Appareil et procédé pour l'isolation zonale curative via une enveloppe

Publication

EP 2180137 A1 20100428 (EN)

Application

EP 08167441 A 20081023

Priority

EP 08167441 A 20081023

Abstract (en)

This invention relates to a method of achieving hydraulic zonal isolation by use of a deployable isolation assembly (22) and zonal isolation drilling tool. The deployable isolation assembly is lowered downhole to the region where hydraulic seal loss has occurred. The zonal isolation drilling tool is capable of drilling into the formation layer, pumping zonal isolation fluid and plugging the hole in a single trip. Evaluation of isolation and job progress can also be performed.

IPC 8 full level

E21B 33/13 (2006.01); **E21B 47/00** (2006.01)

CPC (source: EP)

E21B 33/13 (2013.01); **E21B 47/005** (2020.05)

Citation (applicant)

US 5687806 A 19971118 - SALLWASSER ALAN [US], et al

Citation (search report)

- [X] EP 1653043 A1 20060503 - SCHLUMBERGER SERVICES PETROL [FR], et al
- [A] US 4658916 A 19870421 - BOND LES [US]
- [A] EP 0984135 A2 20000308 - SCHLUMBERGER HOLDINGS [VG], et al
- [A] US 4074756 A 19780221 - COOKE JR CLAUDE E
- [A] US 5353873 A 19941011 - COOKE JR CLAUDE E [US]
- [A] US 2381929 A 19450814 - MARCEL SCHLUMBERGER

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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