

Title (en)

TOOL AND METHOD TO PLUG AND ABANDON A WELL

Title (de)

WERKZEUG UND VERFAHREN ZUM VERSTOPFEN UND SCHLIESSEN EINES BOHRLOCHS

Title (fr)

OUTIL ET PROCÉDÉ DE BOUCHAGE ET D'ABANDON DE PUIT

Publication

**EP 2670943 A4 20170809 (EN)**

Application

**EP 12741833 A 20120203**

Priority

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Abstract (en)

[origin: WO2012105852A1] A tool (10) is described for the handling of wells through a formation, and which shall be taken out of operation with a device for a closing plug of a material that can be hardened, such as concrete, where there is a casing pipe in the well that is cemented against the wall in the bore hole with concrete, and it is characterised in that the tool comprises an assembled unit (10) from the following three sections; a perforating lance (32) comprising a number of explosive charges to form by detonation a row of holes in the pipe and out into the surrounding layer of concrete, a cleaning unit (34) for mechanical cleaning of the inner wall of the pipe in the perforated area and a flushing unit (36) to loosen, dissolve and flush away the hardened cement material between the outer wall of the pipe and the wall of the bore hole. Also described is a method to plug a well that shall be taken out of operation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XA] US 2008202755 A1 20080828 - HENKE JOSEPH ALBERT [US], et al
- See references of WO 2012105852A1

Designated contracting state (EPC)

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