

Title (en)
A DOWNHOLE METHOD

Title (de)
BOHRLOCHVERFAHREN

Title (fr)
PROCÉDÉ DE FOND DE TROU

Publication
EP 3680447 A1 20200715 (EN)

Application
EP 19150862 A 20190108

Priority
EP 19150862 A 20190108

Abstract (en)
The present invention relates to a downhole method for providing a zonal isolation at a predetermined position in an annulus between a wall of a borehole and a well tubular metal structure having a longitudinal extension in an existing well, comprising inserting a downhole tool in the well tubular metal structure, positioning the downhole tool opposite the predetermined position, separating a first section of the well tubular metal structure from a second section of the well tubular metal structure by machining into and along a circumference of the well tubular metal structure, inserting an unexpanded annular barrier between the first section and the second section, and expanding the annular barrier for providing zonal isolation at the predetermined position.

IPC 8 full level
E21B 29/00 (2006.01); **E21B 29/08** (2006.01); **E21B 33/127** (2006.01)

CPC (source: EP)
E21B 29/005 (2013.01); **E21B 29/08** (2013.01); **E21B 33/1277** (2013.01)

Citation (search report)

- [A] US 2481637 A 19490913 - YANCEY JOHN R
- [A] NO 20180152 A1 20180406 - HYDRA SYSTEMS AS [NO]
- [A] US 5101895 A 19920407 - GILBERT HORACE E [GB]

Cited by
EP4256168A4; WO2022120361A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3680447 A1 20200715

DOCDB simple family (application)
EP 19150862 A 20190108