

Title (en)
DOWNHOLE METHOD

Title (de)
BOHRLOCHVERFAHREN

Title (fr)
PROCÉDÉ DE FOND DE TROU

Publication
EP 3800322 A1 20210407 (EN)

Application
EP 19201492 A 20191004

Priority
EP 19201492 A 20191004

Abstract (en)
The present invention relates to a downhole method for removal of at least part of a first well tubular metal structure in a borehole of an existing well having a top, the first well tubular metal structure having a longitudinal extension and a first end closest to the top, comprising inserting a downhole wireline tool having an anchor section and a machining device in the first well tubular metal structure, positioning the downhole wireline tool opposite the first section of the first well tubular metal structure so that the machining device is positioned 8-12 metres from the first end of the first well tubular metal structure and the anchor section is arranged above the machining device, anchoring the downhole wireline tool opposite the first section by activating the anchor section to abut an inner surface of the first well tubular metal structure, separating the first section having a length of 8-12 metres from a second section of the first well tubular metal structure by machining into and along a circumference of the first well tubular metal structure, retrieving the first section from the well by pulling in the wireline creating a new first end of the first well tubular metal structure in the well, inserting the downhole wireline tool into the first well tubular metal structure again, positioning the downhole wireline tool opposite the new first section of the first well tubular metal structure so that the machining device is positioned 8-12 metres from the new first end of the first well tubular metal structure and the anchor section is arranged above the machining device, anchoring the downhole wireline tool opposite the new first section by activating the anchor section to abut the inner surface of the first well tubular metal structure, separating the new first section having a length of 8-12 metres from the rest of the first well tubular metal structure by machining into and along the circumference of the first well tubular metal structure, and retrieving the new first section from the well by pulling in the wireline.

IPC 8 full level
E21B 29/00 (2006.01); **E21B 33/12** (2006.01); **E21B 33/129** (2006.01)

CPC (source: EP)
E21B 29/002 (2013.01); **E21B 33/12** (2013.01); **E21B 33/1293** (2013.01)

Citation (search report)
• [A] US 2011000668 A1 20110106 - TUNGET BRUCE A [GB]
• [A] US 2018106124 A1 20180419 - HAZEL PAUL [GB]

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 3800322 A1 20210407

DOCDB simple family (application)
EP 19201492 A 20191004