

Title (en)
DOWNHOLE SYSTEM

Title (de)
BOHRLOCHSYSTEM

Title (fr)
SYSTÈME DE FOND DE TROU

Publication
EP 3390772 A1 20181024 (EN)

Application
EP 16823211 A 20161216

Priority
• EP 15201248 A 20151218
• EP 16159369 A 20160309
• EP 2016081370 W 20161216

Abstract (en)
[origin: WO2017103059A1] The present invention relates to a downhole system for completing a well. The downhole system comprises a downhole well tubular structure having a wall and being configured to be arranged in a borehole of the well and a first annular barrier for being expanded in an annulus between the downhole well tubular structure and a wall of the borehole. The first annular barrier comprises a tubular part for mounting as part of the downhole well tubular structure, the tubular part having a first expansion opening and an outer face; an expandable metal sleeve surrounding the tubular part and having an inner face facing the tubular part and an outer face facing the wall of the borehole; a first connection part and a second connection part configured to connect a first end and a second end, respectively, of the expandable metal sleeve with the tubular part; and an annular space between the inner face of the expandable metal sleeve and the tubular part, the expandable metal sleeve being expanded by pressurising the annular space to an expansion pressure by pressurising the tubular part opposite the expansion opening. The downhole system further comprises a first aperture in the wall of the downhole well tubular structure. The aperture is at least partly plugged with an acid-soluble material. The present invention further relates to a completion method for completing a downhole system according to the present invention.

IPC 8 full level
E21B 33/127 (2006.01); **E21B 43/25** (2006.01)

CPC (source: EP US)
E21B 17/00 (2013.01 - US); **E21B 33/127** (2013.01 - EP US); **E21B 34/06** (2013.01 - US); **E21B 34/063** (2013.01 - EP US); **E21B 34/10** (2013.01 - US); **E21B 34/16** (2013.01 - US); **E21B 43/25** (2013.01 - EP US); **E21B 2200/06** (2020.05 - US)

Citation (search report)
See references of WO 2017103059A1

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)
WO 2017103059 A1 20170622; AU 2016369372 A1 20180621; BR 112018011001 A2 20181204; CA 3007151 A1 20170622; CN 108368735 A 20180803; EP 3390772 A1 20181024; MX 2018006881 A 20180906; RU 2018121740 A 20200120; US 2017175485 A1 20170622

DOCDB simple family (application)
EP 2016081370 W 20161216; AU 2016369372 A 20161216; BR 112018011001 A 20161216; CA 3007151 A 20161216; CN 201680072964 A 20161216; EP 16823211 A 20161216; MX 2018006881 A 20161216; RU 2018121740 A 20161216; US 201615381374 A 20161216