

Title (en)

METHOD AND DEVICE FOR LIFTING A DRILL STRING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HEBEN EINES BOHRGESTÄNGES

Title (fr)

PROCÉDÉ ET DISPOSITIF DE LEVAGE D'UNE TIGE DE FORAGE

Publication

EP 3904632 B1 20230419 (DE)

Application

EP 21171156 A 20210429

Priority

DE 102020111833 A 20200430

IPC 8 full level

E21B 19/084 (2006.01); **B66C 13/50** (2006.01); **B66D 5/00** (2006.01); **E21B 7/02** (2006.01); **E21B 19/02** (2006.01); **E21B 41/00** (2006.01)

CPC (source: EP)

E21B 7/022 (2013.01); **E21B 19/02** (2013.01); **E21B 19/084** (2013.01); **E21B 41/0021** (2013.01)

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

DOCDB simple family (publication)

EP 3904632 A1 20211103; **EP 3904632 B1 20230419**; DE 102020111833 A1 20211104

DOCDB simple family (application)

EP 21171156 A 20210429; DE 102020111833 A 20200430