

Title (en)

Drill pipe gripper

Title (de)

Bohrgestängegreifer

Title (fr)

Grappin de tige de forage

Publication

**EP 2851504 B1 20161109 (DE)**

Application

**EP 13185000 A 20130918**

Priority

EP 13185000 A 20130918

IPC 8 full level

**E21B 19/16** (2006.01); **B25B 5/06** (2006.01); **B25B 5/14** (2006.01); **E21B 17/18** (2006.01)

CPC (source: EP)

**B25B 5/122** (2013.01); **B25B 5/147** (2013.01); **E21B 17/18** (2013.01); **E21B 19/16** (2013.01)

Cited by

EP3141690A1; CN109113597A; CN110800469A; US11993988B2; WO2024036930A1

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 2851504 A1 20150325; EP 2851504 B1 20161109**

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