

Title (en)

LARGE DIAMETER TUBULAR LIFTING APPARATUSES AND METHODS

Title (de)

ROHRFÖRMIGE HEBEVORRICHTUNGEN MIT GROSSEM DURCHMESSER UND VERFAHREN

Title (fr)

PROCÉDÉS ET APPAREILS DE LEVAGE TUBULAIRE DE DIAMÈTRE IMPORTANT

Publication

**EP 3341556 B1 20201028 (EN)**

Application

**EP 16839731 A 20160422**

Priority

- US 201514834352 A 20150824
- US 2016028883 W 20160422

Abstract (en)

[origin: WO2017034625A1] A lifting elevator includes a first elevator segment having a first plurality of slips, a second elevator segment having a second plurality of slips, and a hinge. The first elevator segment and the second elevator segment each have a swept angle of about 180°, and each of the first plurality of slips and the second plurality of slips includes a die configured to grip an external surface of a pipe.

IPC 8 full level

**E21B 19/07** (2006.01)

CPC (source: EP)

**E21B 19/07** (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)

**WO 2017034625 A1 20170302**; AU 2016313157 A1 20180222; AU 2016313157 B2 20190307; BR 112018003208 A2 20180925; BR 112018003208 B1 20220927; BR 122020019044 B1 20230425; CA 2993795 A1 20170302; CA 2993795 C 20210615; EP 3341556 A1 20180704; EP 3341556 A4 20190327; EP 3341556 B1 20201028; EP 3460171 A1 20190327; EP 3460171 B1 20201209; MX 2018001878 A 20180528; MX 2019004699 A 20230817

DOCDB simple family (application)

**US 2016028883 W 20160422**; AU 2016313157 A 20160422; BR 112018003208 A 20160422; BR 122020019044 A 20160422; CA 2993795 A 20160422; EP 16839731 A 20160422; EP 18200413 A 20160422; MX 2018001878 A 20160422; MX 2019004699 A 20180214