

Title (en)
LARGE DIAMETER TUBULAR LIFTING APPARATUSES AND METHODS

Title (de)
ROHRFÖRMIGE HEBEVORRICHTUNGEN MIT GROSSEM DURCHMESSER UND VERFAHREN

Title (fr)
APPAREILS ET PROCÉDÉS DE LEVAGE TUBULAIRE DE GRAND DIAMÈTRE

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Application
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Abstract (en)
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
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CPC (source: EP)
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Citation (search report)

- [X] WO 2005106185 A1 20051110 - VARCO INT [US], et al
- [X] US 1795578 A 19310310 - SMITH NELSON K
- [A] US 2013284448 A1 20131031 - FRACZEK JUSTIN M [US], et al

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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

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