

Title (en)

ACTUATOR ASSEMBLY FOR TUBULAR RUNNING DEVICE

Title (de)

BETÄTIGUNGSANORDNUNG FÜR ROHRFÖRMIGE LAUFVORRICHTUNG

Title (fr)

ENSEMBLE ACTIONNEUR DESTINÉ À UN DISPOSITIF DE POSE D'ÉLÉMENT TUBULAIRE

Publication

**EP 3423669 A4 20191002 (EN)**

Application

**EP 17760477 A 20170217**

Priority

- US 201615056587 A 20160229
- US 2017018261 W 20170217

Abstract (en)

[origin: WO2017151325A1] An actuator assembly for operating a tubular running device includes a housing assembly coupled to the outer cage. The housing assembly is movable relative to the inner mandrel. An upper fluid chamber is disposed between the housing assembly and the inner mandrel, and a lower fluid chamber is disposed between the housing assembly and the inner mandrel. Fluid pumped through an upper pressure port into the upper chamber moves the housing assembly in a first direction thereby causing the gripping apparatus to engage the tubular, and fluid pumped through a lower pressure port into the lower fluid chamber moves the housing assembly in a second direction thereby causing the gripping apparatus to disengage the tubular.

IPC 8 full level

**E21B 19/06** (2006.01); **E21B 19/07** (2006.01); **E21B 19/16** (2006.01); **E21B 31/20** (2006.01); **F16L 37/00** (2006.01)

CPC (source: EP)

**E21B 3/022** (2020.05); **E21B 19/06** (2013.01); **E21B 31/20** (2013.01)

Citation (search report)

- [A] US 2007261857 A1 20071115 - KUTTEL BEAT [US], et al
- [A] CN 101487377 B 20110907 - CHINA NAT PETROLEUM CORP, et al
- [A] US 2008164693 A1 20080710 - WEEMS CRAIG [US], et al
- [A] US 2011147010 A1 20110623 - ELLIS BRIAN [US], et al
- [A] US 7874352 B2 20110125 - ODELL II ALBERT C [US], et al
- See also references of WO 2017151325A1

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 2017151325 A1 20170908**; EP 3423669 A1 20190109; EP 3423669 A4 20191002; EP 3423669 B1 20201014

DOCDB simple family (application)

**US 2017018261 W 20170217**; EP 17760477 A 20170217