

Title (en)

A CONTINGENCY RELEASE DEVICE THAT USES RIGHT-HAND TORQUE TO ALLOW MOVEMENT OF A COLLET PROP

Title (de)

KONTINGENZFREISETZUNGSVORRICHTUNG MIT RECHTSGERICHTETEM DREHMOMENT ZUR BEWEGUNG EINER SPANNZANGENSTÜTZE

Title (fr)

DISPOSITIF DE LIBÉRATION SÉLECTIVE METTANT EN UVRE UN COUPLE À DROITE POUR PERMETTRE LE DÉPLACEMENT D'UN SUPPORT DE MANDRIN À PINCE

Publication

EP 2748411 A4 20150902 (EN)

Application

EP 11875241 A 20111101

Priority

US 2011058694 W 20111101

Abstract (en)

[origin: WO2013066311A1] According to an embodiment, a device comprises: a torsion lock sleeve, wherein the torsion lock sleeve comprises a crenellated second end, wherein the torsion lock sleeve is tubular in shape, and wherein at least a portion of the inner circumference of the torsion lock sleeve engages at least one ridge; and a release nut, wherein the release nut comprises a crenellated first end, and wherein the first end of the release nut is capable of engaging the second end of the torsion lock sleeve. According to another embodiment, a method of displacing the release nut comprises: positioning the device in a portion of a subterranean formation; moving the torsion lock sleeve, wherein the step of moving the torsion lock sleeve comprises disengaging the first end of the release nut with the second end of the torsion lock sleeve; and moving the release nut. According to certain embodiments, the release nut is moved by applying a right-hand torque to at least an inner release mandrel.

IPC 8 full level

E21B 23/00 (2006.01); **E21B 17/046** (2006.01); **E21B 17/06** (2006.01); **E21B 17/10** (2006.01); **E21B 23/01** (2006.01); **E21B 23/04** (2006.01); **E21B 33/03** (2006.01)

CPC (source: EP US)

E21B 17/0465 (2020.05 - EP US); **E21B 17/06** (2013.01 - EP US)

Citation (search report)

- [A] US 4560014 A 19851224 - GECZY BELA A [US]
- [A] US 2009301711 A1 20091210 - JAGERT FRED [CA], et al
- [A] US 2011253383 A1 20111020 - PORTER JESSE CALE [US], et al
- See also references of WO 2013066311A1

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 2013066311 A1 20130510; AU 2011380541 A1 20140424; AU 2011380541 B2 20150115; BR 112014010100 A2 20170613; BR 112014010100 A8 20170620; BR 112014010100 B1 20201110; CA 2844709 A1 20130510; CA 2844709 C 20140909; CN 103917737 A 20140709; CN 103917737 B 20150722; EP 2748411 A1 20140702; EP 2748411 A4 20150902; EP 2748411 B1 20161130; MX 2014004121 A 20140521; MX 345775 B 20170214; MY 166736 A 20180719; SG 2014011860 A 20140828

DOCDB simple family (application)

US 2011058694 W 20111101; AU 2011380541 A 20111101; BR 112014010100 A 20111101; CA 2844709 A 20111101; CN 201180074449 A 20111101; EP 11875241 A 20111101; MX 2014004121 A 20111101; MY PI2014000681 A 20111101; SG 2014011860 A 20111101