

Title (en)

IMPLEMENT FOR USE IN MAKING UP AND BREAKING OUT OF A STRING OF A WELL

Title (de)

WERKZEUG ZUR VERWENDUNG BEIM LÖSEN UND HERAUSBRECHEN EINES BOHRLOCHGESTÄNGES

Title (fr)

ÉLÉMENT À UTILISER DANS LE CONSTRUCTION ET LA PERCÉE D'UNE CHAÎNE D'UN PUIT

Publication

EP 3129579 A1 20170215 (EN)

Application

EP 15721048 A 20150408

Priority

- EP 14163925 A 20140408
- NL 2015050228 W 20150408

Abstract (en)

[origin: EP2930299A1] An implement for controlling an opening (61; 161; 261) for receiving a tubular of a drill string, for reversibly closing off the opening (61; 161; 261), sealing off the opening (61; 161; 261) against the tubular and/or engaging the tubular. The implement has a carrier sleeve (62, 63; 162; 262), one or more jaws (64-66; 164; 264) carried by the carrier sleeve (62, 63; 162; 262) and mounted so as to be movable into and out of the opening (61; 161; 261). The operating sleeve (67; 167; 267) is rotatable relative to the carrier sleeve (62, 63; 162; 262) about a central axis (60; 160; 260) of the opening (61; 161; 261). The jaw (64-66; 164; 264) is coupled to the operating sleeve (67; 167; 267) for urging the jaw (64-66; 164; 264) into the opening (61; 161; 261) in response to rotation of the operating sleeve (67; 167; 267) relative to the carrier sleeve (62, 63; 162; 262). An apparatus for connecting and disconnecting tubulars of a drill string is also described.

IPC 8 full level

E21B 21/10 (2006.01); **E21B 3/00** (2006.01); **E21B 19/16** (2006.01)

CPC (source: EP US)

E21B 3/00 (2013.01 - EP US); **E21B 19/161** (2013.01 - EP); **E21B 21/106** (2013.01 - EP)

Citation (search report)

See references of WO 2015156671A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2930299 A1 20151014; BR 112016023529 A2 20170815; EP 3129579 A1 20170215; EP 3129579 B1 20190116; WO 2015156671 A1 20151015

DOCDB simple family (application)

EP 14163925 A 20140408; BR 112016023529 A 20150408; EP 15721048 A 20150408; NL 2015050228 W 20150408