

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 la construction et la percée d'une chaîne d'un puits

Publication

**EP 2930299 A1 20151014 (EN)**

Application

**EP 14163925 A 20140408**

Priority

EP 14163925 A 20140408

Abstract (en)

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 (applicant)

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- WO 9816716 A1 19980423 - AYLING JOHN LAURENCE [GB]
- WO 0023686 A1 20000427 - WELL ENGINEERING PARTNERS B V [NL], et al
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Citation (search report)

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- [XD] WO 0023686 A1 20000427 - WELL ENGINEERING PARTNERS B V [NL], et al
- [A] WO 9816351 A1 19980423 - BUCK DAVID A [US]
- [A] WO 0236928 A1 20020510 - COUPLER DEVELOPMENTS LTD [GB]

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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