

Title (en)

Method and device for sealing the ends of drilling rod elements

Title (de)

Verfahren und Vorrichtung zum Verschließen der Enden von Bohrgestängeelementen

Title (fr)

Procédé et dispositif de fermeture des extrémités d'éléments de tige de forage

Publication

EP 2672058 A2 20131211 (DE)

Application

EP 13164603 A 20130419

Priority

- DE 102012206526 A 20120420
- DE 102012212360 A 20120713

Abstract (en)

The method involves moving a drill pipe element (12) into a closure position (22) by using a handler (14) i.e. pipe handler, such that a closure cap (20) reaches the drill pipe element by a movement of the drill pipe element caused by the handler. The drill pipe element is lowered to the closure cap or in a direction of the closure cap by the handler in the closure position. The drill pipe element is induced to the closure position by a lateral movement of the handler. The closure cap is arrived at the drill pipe element by a lift mechanism. An independent claim is also included for a device for attaching and/or removing a closure cap at and/or from a drill pipe element.

Abstract (de)

Die Erfindung betrifft ein Verfahren und eine Vorrichtung (10) zum Verschließen der Enden von Bohrgestängeelementen (12) bei Bohranlagen mit einer an einem Ende eines jeweiligen Bohrgestängeelements (12) anbringbaren Verschlusskappe (20).

IPC 8 full level

E21B 17/00 (2006.01); **E21B 19/14** (2006.01); **E21B 21/01** (2006.01)

CPC (source: EP US)

E21B 17/006 (2013.01 - EP); **E21B 19/14** (2013.01 - EP); **E21B 21/01** (2013.01 - EP US); **E21B 21/106** (2013.01 - EP)

Cited by

CN109209263A; GB2585386A

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)

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DOCDB simple family (application)

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