Title (en)
DRILLING ARRANGEMENT AND METHOD FOR HOLDING A DRILL STRING

Title (de)
BOHRANORDNUNG UND VERFAHREN ZUM HALTEN EINES BOHRGESTÄNGES

Title (fr)
DISPOSITIF DE FORAGE ET PROCÉDÉ DE MAINTIEN D'UN TRAIN DE TIGES

Publication
EP 2961915 A2 20160106 (EN)

Application
EP 14715716 A 20140225

Priority
• SE 1350253 A 20130301
• SE 2014050231 W 20140225

Abstract (en)
[origin: WO2014133440A2] The invention relates to a method pertaining to a drilling arrangement (7) to grip a drill string means (36) for detaching a drill steel (35) from said drill string means (36). The method comprises the steps of providing holding of said drill string means (36), providing a drive head (20, 37) arranged at the drilling arrangement (7) a rotation to detach the drill steel (35) from the drive head (20, 37), providing an actuator means (42) to from an initial position (U) in an axial direction (X) displacing a gripping arrangement (21) in the direction from the drive head (20, 37), said providing of the actuator means (42) including spring actuation, and holding in a holding position by means of said gripping arrangement (21) a drill end arranged closest to the drive head (20, 37) and rotating the drill steel (35) from the remaining drill string means (36). The invention also relates to a drilling arrangement and a computer program product comprising program code for an electronic control unit associated with the drilling arrangement for performing the method.

IPC 8 full level
E21B 19/18 (2006.01)

CPC (source: EP RU SE)
E21B 19/161 (2013.01 - RU); **E21B 19/167** (2013.01 - SE); **E21B 19/18** (2013.01 - EP RU)

Citation (search report)
See references of WO 2014133440A2

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)
WO 2014133440 A2 20140904; **WO 2014133440 A3 20150108**; AU 2014221483 A1 20151022; AU 2014221483 B2 20171102; CA 2898199 A1 20140904; CA 2898199 C 20210216; CL 2015002440 A1 20160226; CN 105008656 A 20151028; CN 105008656 B 20170606; EP 2961915 A2 20160106; MX 2015010985 A 20151026; RU 2015141143 A 20170406; RU 2639234 C2 20171220; SE 1350253 A1 20140902; SE 539108 C2 20170411; ZA 201505864 B 20161130

DOCDB simple family (application)
SE 2014050231 W 20140225; AU 2014221483 A 20140225; CA 2898199 A 20140225; CL 2015002440 A 20150831; CN 201480011337 A 20140225; EP 14715716 A 20140225; MX 2015010985 A 20140225; RU 2015141143 A 20140225; SE 1350253 A 20130301; ZA 201505864 A 20150814