

Title (en)
DRILLING ARRANGEMENT AND METHOD PERTAINING TO THE DRILLING ARRANGEMENT

Title (de)
BOHRANORDNUNG UND VERFAHREN IM ZUSAMMENHANG MIT DER BOHRANORDNUNG

Title (fr)
SYSTÈME DE FORAGE ET PROCÉDÉ Y RELATIF

Publication
EP 2961910 B1 20180411 (EN)

Application
EP 14726218 A 20140225

Priority
• SE 1350251 A 20130301
• SE 2014050230 W 20140225

Abstract (en)
[origin: WO2014133439A2] The invention relates to a method pertaining to a drilling arrangement (7) comprising a drive member support device (49) for fixing a drive member (13) arranged at the drilling arrangement (7), wherein the drive member (13) operates in a direction (R), the method comprising: - providing a drive head (19) with an axis of rotation (22) adapted for engagement with a drill string means (59), wherein the drive head (19) is arranged to cooperate with a feed member (14; 15) operating in respectively a first (P) and a second (P') direction; - providing the drive head (19) pivotable relative to the drive member support device (49) and the feed member (14; 15) about an axis of rotation (A) extending transverse said direction (R); - pivoting the drive head from a first fixed end position (V1; 26) where the axis of rotation (22) of the drive head is parallel to said direction (R) and the feed member (14; 15) drives the drive head (19) in the first direction (P), to a second fixed end position (V2; 28) where the axis of rotation (22) of the drive head is parallel to said direction (R) and the feed member (14; 15) drives the drive head (19) in the second direction (P'), where the directions (P) and (P') are opposite. 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 7/02 (2006.01)

CPC (source: EP RU SE)
E21B 7/02 (2013.01 - EP RU); **E21B 7/025** (2013.01 - RU SE); **E21B 15/003** (2013.01 - RU SE); **E21B 19/08** (2013.01 - RU); **E21D 1/00** (2013.01 - RU SE); **E21D 3/00** (2013.01 - RU SE)

Citation (examination)
• US 4067398 A 19780110 - FRANZEN SVEN MAURITZ, et al
• ES 2367492 A1 20111104 - PERFORACIONES Y VOLADURAS S A [ES]

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 2014133439 A2 20140904; WO 2014133439 A3 20150115; AU 2014221482 A1 20150924; AU 2014221482 B2 20171012; CA 2898020 A1 20140904; CA 2898020 C 20210112; CL 2015002438 A1 20160226; CN 105189905 A 20151223; CN 105189905 B 20170606; EP 2961910 A2 20160106; EP 2961910 B1 20180411; EP 2961910 B8 20180523; MX 2015010468 A 20151030; MX 367788 B 20190906; RU 2015141609 A 20170406; RU 2645024 C2 20180215; SE 1350251 A1 20140902; SE 538633 C2 20161004

DOCDB simple family (application)
SE 2014050230 W 20140225; AU 2014221482 A 20140225; CA 2898020 A 20140225; CL 2015002438 A 20150831; CN 201480011332 A 20140225; EP 14726218 A 20140225; MX 2015010468 A 20140225; RU 2015141609 A 20140225; SE 1350251 A 20130301