

Title (en)

RADIAL CLAMPING/SEALING SYSTEM AND DRILLING SYSTEM PROVIDED THEREWITH FOR (SEMI)-CONTINUOUS DRILLING A BOREHOLE, DRILLING RIG COMPRISING SUCH SYSTEM, AND METHOD THERE FOR

Title (de)

RADIALES KLEMM-/DICHTUNGSSYSTEM UND BOHRSYSTEM DAMIT ZUR (HALB)KONTINUIERLICHEN BOHRUNG EINES BOHRLOCHS, BOHRGESTELL MIT SOLCH EINEM SYSTEM UND VERFAHREN DAFÜR

Title (fr)

SYSTÈME DE SERRAGE/SCELLEMENT RADIAL ET SYSTÈME DE FORAGE LE COMPORTANT POUR LE FORAGE (SEMI)-CONTINU D'UN TROU DE FORAGE, PLATEFORME DE FORAGE COMPRENANT UN TEL SYSTÈME, ET PROCÉDÉ POUR CEUX-CI

Publication

**EP 2929127 A1 20151014 (EN)**

Application

**EP 13808263 A 20131205**

Priority

- NL 2009935 A 20121205
- NL 2013050876 W 20131205

Abstract (en)

[origin: WO2014088417A1] Invention relates to a system and associated method for continuous and/or semi-continuous drilling a borehole, comprising: - a first stationary housing; - a rotatable housing comprising a longitudinal opening for receiving a drill string; and - a radial clamping system configured for holding and clamping the box end of the drill string in substantially radial direction with respect to the rotatable housing; - a first direct sealing system in use arranged between drill pipe and the rotatable housing; - a second indirect sealing system in use arranged between the rotatable housing and the stationary housing; - a mechanical and/or hydraulic transmission configured for radial activation of the radial clamping system; and - a first drive configured for rotating the rotatable housing with the drill string.

IPC 8 full level

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CPC (source: EP US)

**E21B 3/022** (2020.05 - EP US); **E21B 19/06** (2013.01 - EP US); **E21B 19/10** (2013.01 - EP US); **E21B 19/16** (2013.01 - EP US); **E21B 19/24** (2013.01 - US); **E21B 33/085** (2013.01 - EP US)

Citation (search report)

See references of WO 2014088417A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014088417 A1 20140612**; AU 2013356776 A1 20150702; AU 2013356776 B2 20170803; CA 2893865 A1 20140612; CN 104995370 A 20151021; CN 104995370 B 20181221; EP 2929127 A1 20151014; NL 2009935 C2 20140610; US 2015300103 A1 20151022

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