

Title (en)

Device for driving the rotation of a driven tubular element, capable of receiving and carrying a fluid under pressure

Title (de)

Vorrichtung für den Rotationsantrieb eines rohrförmigen, geführten Elements, das in der Lage ist, Flüssigkeit unter Druck aufzunehmen und zu transportieren

Title (fr)

Dispositif pour l'entraînement en rotation d'un élément tubulaire mené, apte à recevoir et à véhiculer un fluide sous pression

Publication

EP 1990502 A3 20100922 (FR)

Application

EP 08290420 A 20080505

Priority

FR 0703318 A 20070509

Abstract (en)

[origin: EP1990502A2] The device has a tubular shaft (40) rotated by a hydraulic motor (53) and rotationally mounted via a frame with rectangular shaped vertical steel plates. A rotor of the motor is integrated to the shaft, and a stator of the motor is fixed to a support structure coaxially to the shaft. The steel plates are integrated to each other by upper and lower horizontal plates (43, 44) and rectangular vertical plates (45, 46). Rotational mounting of the shaft is ensured by bearings (87, 88) placed inside the frame and on both sides of a central staging of the shaft.

IPC 8 full level

E21B 3/02 (2006.01); **E21B 19/16** (2006.01)

CPC (source: EP US)

E21B 3/022 (2020.05 - EP US); **E21B 19/16** (2013.01 - EP)

Citation (search report)

- [A] GB 2344121 A 20000531 - MACTAGGART SCOTT [GB]
- [A] US 3670832 A 19720620 - STRIEGLER JOHN H
- [A] US 2007039758 A1 20070222 - KLIPSTEIN MICHAEL R [US]

Cited by

CN109347290A; US10995563B2; US11136837B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1990502 A2 20081112; **EP 1990502 A3 20100922**; FR 2916013 A1 20081114; FR 2916013 B1 20091120

DOCDB simple family (application)

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