

Title (en)

ROLLER TAPPET DEVICE AND METHOD FOR PRODUCING A ROLLER TAPPET DEVICE

Title (de)

ROLLENSTÖSSELVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER ROLLENSTÖSSELVORRICHTUNG

Title (fr)

DISPOSITIF DE POUSSOIR À GALET ET PROCÉDÉ DE PRODUCTION DE DISPOSITIF DE POUSSOIR À GALET

Publication

**EP 3094855 B1 20180711 (DE)**

Application

**EP 15721682 A 20150506**

Priority

- DE 102014220881 A 20141015
- EP 2015059891 W 20150506

Abstract (en)

[origin: WO2016058712A1] The invention relates to a roller tappet device (1) for a pump, comprising a tappet (3) with a longitudinal axis (L), a tappet housing (5) with an inner lateral surface (26), a bearing shell (7) with an outer lateral surface (16), and a roller (9) with a rotational axis (D). The bearing shell (7) has a bearing shell recess (19) in which the roller (9) is rotatably mounted, and the bearing shell (7) has a pin (11) on a face facing away from the bearing shell recess (19), said pin being received in a housing bearing (21) of the tappet housing (5). The bearing shell (7) is coupled to the tappet housing (5) in a fixed manner via an outer lateral surface (12) of the pin (11) and an inner lateral surface (22) of the housing bearing (21), and the roller (9) is supported on a drive device of the pump and is designed to transmit a force from the drive device to the tappet (3) via the bearing shell (7) along the longitudinal axis (L) during the operation of the pump.

IPC 8 full level

**F02M 59/10** (2006.01); **F04B 1/04** (2006.01); **F04B 27/08** (2006.01)

CPC (source: CN EP KR US)

**F02M 59/102** (2013.01 - CN EP KR US); **F04B 1/0417** (2013.01 - CN EP KR US); **F04B 9/042** (2013.01 - US)

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)

**DE 102014220881 A1 20160421**; CN 106103986 A 20161109; CN 106103986 B 20171128; EP 3094855 A1 20161123; EP 3094855 B1 20180711; KR 101908832 B1 20181016; KR 20160132985 A 20161121; US 2017204824 A1 20170720; WO 2016058712 A1 20160421

DOCDB simple family (application)

**DE 102014220881 A 20141015**; CN 201580013720 A 20150506; EP 15721682 A 20150506; EP 2015059891 W 20150506; KR 20167028567 A 20150506; US 201715479968 A 20170405