

Title (en)

Adjustable wear-resistant rotary pump

Title (de)

Verstellbare Rotationspumpe mit Verschleißminderung

Title (fr)

Pompe rotative réglable dotée d'une réduction d'usure

Publication

**EP 2327881 B1 20180530 (DE)**

Application

**EP 10178105 A 20070418**

Previously filed application

07106407 20070418 EP

Priority

- EP 07106407 A 20070418
- DE 102006018124 A 20060419

Abstract (en)

[origin: EP1847713A2] The pump has a casing (3). A delivery chamber is formed in the casing and has an inlet (4) for a fluid on a low-pressure side and an outlet (5) for the fluid on a high-pressure side of the pump. A delivery rotor (2) rotatable in the delivery chamber about a rotational axis (R2). The actuating member is chargeable in the direction of its mobility, with an actuating force which is dependent on a fluid requirement. A track formed in the casing and guides the actuator on an actuating member sliding surface in a sliding contact. A slider forms one of the track and the actuator sliding surface. An independent claim is included for a method.

IPC 8 full level

**F04C 14/18** (2006.01); **F04C 2/18** (2006.01)

CPC (source: EP US)

**F04C 14/185** (2013.01 - EP US); **F04C 2/18** (2013.01 - EP US); **F04C 2230/91** (2013.01 - EP US); **F05C 2201/903** (2013.01 - EP US); **F05C 2203/0869** (2013.01 - EP US); **F05C 2225/00** (2013.01 - EP US); **F05C 2225/04** (2013.01 - EP US); **F05C 2225/06** (2013.01 - EP US); **F05C 2225/12** (2013.01 - EP US); **F05C 2251/10** (2013.01 - EP US); **F05C 2251/14** (2013.01 - EP US); **Y10T 29/49242** (2015.01 - EP US)

Citation (examination)

DE 2853838 A1 19790913 - REXNORD INC

Designated contracting state (EPC)

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DOCDB simple family (publication)

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