

Title (en)
ROTARY PUMP PROVIDED WITH AN AXIALLY MOVABLE BLADE

Title (de)
DREHKOLBENPUMPE MIT AXIAL BEWEGLICHEM FLÜGEL

Title (fr)
POMPE ROTATIVE AYANT UNE AILE AXIALEMENT MOBILE

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Application
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Abstract (en)
[origin: WO2005066496A1] The invention relates to a pump (10) comprising a rotor (70) whose collar (120) laterally describes a pump channel (124) provided with an input (152) and an output. An axially adjustable sealing disc (182) is tightly placed on two sides of the rotor collar (120) in an axial direction and divides the pump channel (124) into the input (152) and the output. A first bearing for a drive shaft (60) is axially arranged in the clear space occupied by the rotor (70) and makes it possible to axially support said drive shaft.

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