

Title (en)
Pump

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Pumpe

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Pompe

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Abstract (en)
[origin: WO0009888A2] The invention relates to a pump for delivering a fluid, especially a vane-cell pump, comprising a delivery device which is accommodated in a casing (2), a casing cover (3) located on the face, and optionally comprising a bearing flange (4) which is joined to the casing (2) on the side opposite said casing cover (3). A seal (5, 6) is arranged between the casing (2) and the casing cover (3) and is optionally arranged between the casing (2) and the bearing flange (4). In addition, the seal (5, 6) is inserted in a groove (8, 9) which is constructed in the casing cover (3) and which is optionally constructed in the bearing flange (4) and/or in the corresponding front face (7) of the casing (2). A leakage path (13) for the fluid extends between the delivery side (11) and the suction side (12). According to the invention, oil leakage located on the delivery side is effectively carried away while procedures relating to the construction or manufacturing techniques of the pump are reduced. The invention is characterized in that the leakage path (13) runs at least parallel, in areas, with regard to the seal (5, 6) on the seal inner side (14) - media side.

IPC 1-7
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IPC 8 full level
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F04C 15/0046 (2013.01 - EP US); **F04C 15/062** (2013.01 - EP US)

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