

Title (en)
VANE PUMP

Title (de)
FLÜGELZELLENPUMPE

Title (fr)
POMPE À PALETTES

Publication
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Application
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Abstract (en)
The present invention relates to a vane pump, which is capable of smoothly suctioning a working fluid suctioned into a rotary chamber while minimizing damage to a vane or occurrence of noise, exhibits an excellent performance in terms of flow rate and volumetric efficiency, and is capable of effectively reducing inner cavitation. To this end, the vane pump of the present invention is configured such that the working fluid introduced into one side of the rotary chamber formed between an outer cam ring and a rotor is discharged to the other side of the rotary chamber, wherein a through slit extending in the circumferential direction of the outer cam ring is formed in the corresponding portion of the outer cam ring corresponding to the side to which the working fluid is introduced.

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