

Title (en)

VOLUMETRIC PUMP AND OPERATING METHOD THEREOF

Title (de)

VOLUMETRISCHE PUMPE UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

POMPE VOLUMÉTRIQUE ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

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Application

EP 14830724 A 20141223

Priority

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- IB 2014067259 W 20141223

Abstract (en)

[origin: WO2015101902A1] A positive displacement pump (13) comprises a pump body (15) defining a pump chamber (16) and a drive side (18), a rotor (12) configured to transfer fluid from at least one first environment to at least one second environment through at least one inlet for a suction duct (19) and at least one outlet for a discharge duct, a driven gear wheel (10a, 11) fixedly connected to said rotor (12) and a driving gear wheel (10a, 11) connectable to a drive member (10) and coupled with said driven wheel (10a, 11), said driven wheel being configured to rotate said rotor (12). The driving wheel (10a, 11) and the driven wheel (10a, 11) are placed one inside the other so as to allow achieving a reducing or a multiplying gear ratio. The invention also concerns a method of operating the pump.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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