

Title (en)
POSITIVE DISPLACEMENT PUMP WITH IMPROVED CLEANING

Title (de)
VERDRÄNGERPUMPE MIT VERBESSERTER REINIGUNG

Title (fr)
POMPE VOLUMÉTRIQUE À NETTOYAGE AMÉLIORÉ

Publication
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Application
EP 18812244 A 20181107

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Abstract (en)
[origin: WO2019115890A1] The invention concerns a positive displacement pump (1) comprising: - a pipe (2) having a first end (21) secured to a transmission area (3) and a second end (22) ending in a cylinder (24) secured to a discharge area (4), the pipe (2) comprising a suction opening (23) and the discharge area comprising a discharge opening (41), - a drive shaft (5) with one end (53) situated at the cylinder (24), - a piston (6) pressed against the cylinder (24) by elastic means (7) so as to prevent fluid from moving between the pipe (2) and the discharge area (4), in which the pump (1) further comprises means (8, 9) for moving the piston elastically away from the cylinder (24) and keeping it at a predetermined distance from same. It also concerns a method for cleaning this pump.

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