

Title (en)
DIAPHRAGM PUMP

Title (de)
MEMBRANPUMPE

Title (fr)
POMPE À DIAPHRAGME

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Application
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Abstract (en)
[origin: WO2014023312A1] A hydraulically driven diaphragm pump (1) comprises: a housing having a side (8) arranged to be connected with a membrane unit, a pumping element having a piston barrel (14) and a piston (17); and a fluid reservoir (10) wherein the pumping element is arranged to pump a working fluid from the fluid reservoir (10) during the delivery stroke. The diaphragm pump further comprises means (18,26) for applying a vacuum to the fluid reservoir (10) in order to improve the delivery accuracy and avoid malfunctioning of the pump. The diaphragm pump may further comprise a regulation chamber having adjusting means for adjusting the size of an active volume of the regulation chamber, thereby adjusting the pump delivery.

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