

Title (en)  
POSITIVE DISPLACEMENT PUMP

Title (de)  
VERDRÄNGERPUMPE

Title (fr)  
POMPE VOLUMÉTRIQUE

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Abstract (en)  
[origin: WO2013045598A2] The invention relates to a positive displacement pump (100), comprising a drive unit (1) and a pump unit (2) having several working chambers (4, 4'), several displacement elements (3, 3'), and at least three cylinders (5), preferably exactly three cylinders (5), wherein the pump unit (2) is double-acting. The invention further relates to a piston diaphragm pump forming a positive displacement pump, wherein a diaphragm stroke is caused by means of working liquid present on the first side of a diaphragm and a medium to be pumped is conducted through a diaphragm chamber bounded by the second side of the diaphragm due to the diaphragm stroke, and the diaphragm stroke is caused at a diaphragm position different from a vertical position of the diaphragm.

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