

Title (en)
DIAPHRAGM PUMP

Title (de)
MEMBRANPUMPE

Title (fr)
POMPE A DIAPHRAGME

Publication
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Application
EP 16174972 A 20030516

Priority

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- US 0315699 W 20030516

Abstract (en)
[origin: WO2004106884A1] A diaphragm pump which overcomes the problem of diaphragm failure due to overfill of the oil transfer chamber and the inability to self-prime. A notch is provided in the upper portion of the surface of the cylinder so that air can be forced back to the reservoir. In addition, the bias spring connected to the diaphragm and supported by the piston is made stiff with a spring constant that produces a bias pressure that can overcome abnormal suction pressures.

IPC 8 full level
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CPC (source: EP US)
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