

Title (en)  
Oscillating displacement vacuum pump

Title (de)  
Oszillierende Verdrängervakuumpumpe

Title (fr)  
Pompe sous vide de refouleur oscillante

Publication  
**EP 2163763 B2 20140806 (DE)**

Application  
**EP 09009702 A 20090728**

Priority  
DE 202008011817 U 20080905

Abstract (en)  
[origin: EP2163763A1] The oscillating positive displacement vacuum pump (1) has a drive chamber (8), which is sealed automatically for surrounding atmosphere extensively, such that a pressure sensor (9) is arranged at the drive chamber. The pressure is measured in the drive chamber. A control signal or switch-off signal is generated by the pressure sensor, while measuring a low pressure in the drive chamber corresponding to a warning signal from an evaluating circuit (10).

IPC 8 full level  
**F04B 49/02** (2006.01); **F04B 37/14** (2006.01)

CPC (source: EP)  
**F04B 37/14** (2013.01); **F04B 49/02** (2013.01); **F04B 49/022** (2013.01)

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DOCDB simple family (publication)  
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