

Title (en)

Sealing assembly for a piston type vacuum pump

Title (de)

Dichtungsanordnung für eine Hubkolbenvakuumpumpe

Title (fr)

Dispositif de joint pour une pompe à vide à piston

Publication

**EP 1835178 B1 20090107 (DE)**

Application

**EP 07003705 A 20070223**

Priority

DE 102006012532 A 20060318

Abstract (en)

[origin: EP1835178A1] The seal, for a piston vacuum pump, is a ring-shaped and L-shaped component (25) with a three-legged cross section. One leg (28) is a holder section at the piston. A second leg (26) is the seal with a maximum diameter (D) and the third leg (27) is a guide with a smaller diameter (F).

IPC 8 full level

**F04B 37/14** (2006.01); **F04B 39/00** (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP US)

**F04B 37/14** (2013.01 - EP US); **F04B 39/0005** (2013.01 - EP US); **F04B 53/143** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

**EP 1835178 A1 20070919**; **EP 1835178 B1 20090107**; AT E420288 T1 20090115; DE 102006012532 A1 20070920; DE 502007000351 D1 20090226; JP 2007247643 A 20070927; JP 5107594 B2 20121226; US 2007274847 A1 20071129; US 7669516 B2 20100302

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**EP 07003705 A 20070223**; AT 07003705 T 20070223; DE 102006012532 A 20060318; DE 502007000351 T 20070223; JP 2007057487 A 20070307; US 72504407 A 20070315