

Title (en)
Turbo-molecular pump

Title (de)
Turbomolekularpumpe

Title (fr)
Pompe turbo-moléculaire

Publication
EP 1130269 B1 20060913 (DE)

Application
EP 01102551 A 20010206

Priority
DE 10010371 A 20000302

Abstract (en)
[origin: EP1130269A2] Pump has rotor (4) and stator (6) plates arranged alternately in series and distance rings (8) for stator plates forming stator packet with stator plates. An elastically deformable metal element (16) is arranged between at least two of distance rings and forms part of stator packet. An axial groove (14) machined into at least no distance ring accommodates an elastically deformable metal element.

IPC 8 full level
F04D 19/04 (2006.01); **F04D 29/54** (2006.01); **F04D 29/64** (2006.01)

CPC (source: EP US)
F04D 19/042 (2013.01 - EP US)

Cited by
DE102007048703A1; EP2607706A3; EP3032107A3; US8562293B2; EP3497337B1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 01102551 A 20010206; DE 10010371 A 20000302; DE 50110975 T 20010206; JP 2001036788 A 20010214; US 79244201 A 20010223