

Title (en)  
Turbo-molecular pump

Title (de)  
Turbomolekularpumpe

Title (fr)  
Pompe turbo-moléculaire

Publication  
**EP 1061262 A3 20020306 (EN)**

Application  
**EP 00112625 A 20000614**

Priority  
JP 16663799 A 19990614

Abstract (en)  
[origin: EP1061262A2] A turbo-molecular pump includes a casing having an intake port (14a), a stator (S) fixedly mounted in the casing (14), and a rotor (R) supported in the casing (14) for rotation relatively to the stator. The stator and the rotor make up a turbine blade pumping section (L1) and a groove pumping section (L2) for evacuating gas. A scattering prevention member (50) is provided for preventing fragments of the rotor (R) from being scattered through the intake port (14a). <IMAGE>

IPC 1-7  
**F04D 19/04**; **F04D 27/02**

IPC 8 full level  
**F04D 19/04** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP KR)  
**F04D 19/04** (2013.01 - KR); **F04D 19/042** (2013.01 - EP); **F04D 29/701** (2013.01 - EP)

Citation (search report)  
• [A] EP 0332107 A1 19890913 - TOSHIBA KK [JP], et al  
• [A] US 5528618 A 19960618 - SCHLIE LAVERNE A [US], et al  
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CN109185588A; EP1992822A1; WO2008151979A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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