

Title (en)  
Turbomolecular pump

Title (de)  
Turbomolekularpumpe

Title (fr)  
Pompe turbomoléculaire

Publication  
**EP 2458222 B1 20170927 (DE)**

Application  
**EP 11008602 A 20111027**

Priority  
DE 102010052660 A 20101126

Abstract (en)  
[origin: EP2458222A2] The turbo molecular pump has a rotor with a blade ring. A stator disk has support ring and two partial disks, where support ring is connected with blade ring. The abutting edges (54,58) of a partial disk are shaped such that they collide in partially crossed manner.

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

CPC (source: EP)  
**F04D 19/042** (2013.01); **F04D 29/542** (2013.01); **F04D 29/644** (2013.01)

Cited by  
JP2016142268A; US2014255153A1; US2014271160A1; US9470235B2; EP3051140A1; CN105840525A; EP3916235A1; JP2021188612A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2458222 A2 20120530; EP 2458222 A3 20160309; EP 2458222 B1 20170927**; DE 102010052660 A1 20120531

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