

Title (en)  
Turbo molecular pump

Title (de)  
Turbomolekularpumpe

Title (fr)  
Pompe turbo-moléculaire

Publication  
**EP 1101944 A2 20010523 (DE)**

Application  
**EP 00124676 A 20001111**

Priority  
DE 19956015 A 19991122

Abstract (en)  
The pump has a rotor disk (10) and a stator disk (14) one behind the other in a cylindrical casing acting with each other to create a pumping effect. The casing consists of at least two parts divided along the cylinder axis (5), forming one-piece components with the corresponding separate parts of the stator disk.

Abstract (de)  
Die Erfindung betrifft eine Turbomolekularpumpe mit Rotor (10) und Statorscheiben (14). Das zylindrische Gehäuse der Pumpe besteht aus mindestens zwei entlang der Zylinderachse (5) getrennten Teilen, welche mit den entsprechend getrennten Teilen der Statorscheiben (14) jeweils eine einstückige Baueinheit (12, 12') bilden. <IMAGE>

IPC 1-7  
**F04D 19/04**

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

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

Citation (applicant)  
• DE 2218615 A1 19731031 - LEYBOLD HERAEUS GMBH & CO KG  
• EP 0751297 A1 19970102 - CIT ALCATEL [FR]

Cited by  
US8790070B2; WO2010023200A1

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DOCDB simple family (publication)  
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