

Title (en)  
TURBOMOLECULAR VACUUM PUMP

Title (de)  
TURBOMOLEKULARVAKUUMPUMPE

Title (fr)  
POMPE À VIDE TURBOMOLÉCULAIRE

Publication  
**EP 3462036 B1 20240403 (DE)**

Application  
**EP 17194409 A 20171002**

Priority  
EP 17194409 A 20171002

Abstract (en)  
[origin: JP2019065857A] To further increase contribution, in particular, on vacuum performance of a rotor disc.SOLUTION: A turbomolecular pump has at least two rotor discs (400) arranged adjacently. The rotor discs each have a plurality of blades (402) dispersedly arranged in a peripheral direction. The blades extend radially outward from a blade base part (404). Here, in at least one blade base part (404) of each rotor disc (400), at least one tooth-like projection part (412) is provided.SELECTED DRAWING: Figure 1

IPC 8 full level  
**F04D 19/04** (2006.01); **F04D 29/32** (2006.01); **F04D 29/38** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)  
**F04D 19/042** (2013.01); **F04D 29/321** (2013.01); **F05D 2250/70** (2013.01)

Citation (examination)

- JP S6361799 A 19880317 - NIPPON SOKEN
- EP 3002459 A1 20160406 - PFEIFFER VACUUM GMBH [DE]

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DOCDB simple family (application)  
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