

Title (en)  
ROTOR DISC

Title (de)  
ROTORSCHLEIBE

Title (fr)  
DISQUE DE ROTOR

Publication  
**EP 3091235 B1 20200311 (DE)**

Application  
**EP 15166269 A 20150504**

Priority  
EP 15166269 A 20150504

Abstract (en)  
[origin: JP2016211535A] PROBLEM TO BE SOLVED: To easily manufacture a rotor disc for a rotor of a vacuum pump.SOLUTION: In a rotor disc (12) for a rotor of a vacuum pump, in particular, a turbo molecular pump (10), composed of a plurality of independent rotor discs (12) disposed while overlapped to each other on a rotor shaft (14) or an independent one rotor disc disposed on the rotor shaft (14), the rotor disc (12) has a plurality of blades (16) distributed in a circumferential direction. In the rotor disc (12), these blades respectively have a thickness profile transited from an inner side toward an outer side in a radial direction, and at least one blade (16) has the thickness profile having at least one stage (22) separating two parts (18, 20) of the blade (16).SELECTED DRAWING: Figure 1

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

CPC (source: EP)  
**F04D 19/042** (2013.01); **F04D 29/324** (2013.01)

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