

Title (en)  
VACUUM PUMP

Title (de)  
VAKUUUMPUMPE

Title (fr)  
POMPE A VIDE

Publication  
**EP 1948936 A1 20080730 (DE)**

Application  
**EP 06792218 A 20060922**

Priority  

- EP 2006009212 W 20060922
- DE 202005020664 U 20051114
- DE 102006011913 A 20060309

Abstract (en)  
[origin: WO2007054155A1] The invention relates to a vacuum pump comprising a vane, a pump housing, and a rotor which is rotatably mounted in the housing. The vane is displaceably mounted in the rotor, and the vane tips radially protrude out of the rotor on both sides and lie on the inner peripheral surface of the pump housing, the vane defining a suction chamber and a pressure chamber. The vane consists of a polyamide.

IPC 8 full level  
**F04C 18/344** (2006.01)

CPC (source: EP)  
**F01C 21/0809** (2013.01); **F04C 18/3441** (2013.01); **F04C 2220/10** (2013.01); **F05C 2225/06** (2013.01)

Citation (search report)  
See references of WO 2007054155A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 2007054155 A1 20070518**; EP 1948936 A1 20080730

DOCDB simple family (application)  
**EP 2006009212 W 20060922**; EP 06792218 A 20060922