

Title (en)  
VACUUM PUMP

Title (de)  
VAKUUMPUMPE

Title (fr)  
POMPE À VIDE

Publication  
**EP 3431769 B1 20220504 (DE)**

Application  
**EP 17182580 A 20170721**

Priority  
EP 17182580 A 20170721

Abstract (en)  
[origin: JP2019023469A] To provide a vacuum pump which is conspicuous in economical manufacture.SOLUTION: A vacuum pump having a motor stator 92 surrounding a motor rotor arranged in a vacuum space 124 is provided with a motor carrier 82 having the motor stator arranged, an outer side thereof partially adjoins a pressure chamber 126, and a connection opening part 114 made to face the pressure chamber is sealed in a vacuum-tight state with a connection base 116. Further, the vacuum pump has a casting compound 122 partially surrounding the motor stator, and at least one electric connection wire 120 is provided and extends through the casting compound, and has its one end part connected to the motor stator and the other end part connected to the connection base on the side of the casting compound. At least one electric power line 130 extends through the pressure chamber and has its one end part connected to the connection base on the side of the pressure chamber.SELECTED DRAWING: Figure 3

IPC 8 full level  
**F04D 19/04** (2006.01); **F04D 25/06** (2006.01)

CPC (source: EP)  
**F04D 19/042** (2013.01); **F04D 25/0693** (2013.01)

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**EP 17182580 A 20170721**; JP 2018133906 A 20180717