

Title (en)  
Vacuum pump.

Title (de)  
Vakuumpumpe.

Title (fr)  
Pompe à vide.

Publication  
**EP 0352688 B1 19950705 (FR)**

Application  
**EP 89113558 A 19890724**

Priority  
FR 8810120 A 19880727

Abstract (en)  
[origin: US4929151A] A molecular or turbomolecular type of pump comprising a stator (2) and a rotor (3) rotated by a motor (7), the stator having a first zone overlying the rotor and in which gas is admitted, and a second zone adjacent to the drive motor and cooled by a flow of fluid (8), the pump being characterized in that the first zone is provided with heater (12) for maintaining the temperature of the first zone above the condensation threshold of the gas being admitted, with the first and second zones being separated from each other by a thermal impedance element (13).

IPC 1-7  
**F04D 19/04**; **F04D 29/58**

IPC 8 full level  
**F04D 19/04** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)  
**F04D 19/044** (2013.01 - EP US); **F04D 25/06** (2013.01 - EP); **F04D 29/5806** (2013.01 - EP US); **F04D 29/584** (2013.01 - EP US); **F04D 29/5853** (2013.01 - EP US); **F05D 2260/607** (2013.01 - EP US)

Citation (examination)  
Novembre 1981

Cited by  
EP0530462A1; EP0694699A1; US5618167A; EP1653086A4; EP2228539A3; DE19702456B4; EP0855517A3; US7753661B2; US6599084B1; WO9526471A1; WO0060241A1

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