

Title (en)
Vacuum pump with ventilator

Title (de)
Vakuumpumpe mit Lüfter

Title (fr)
Pompe à vide dotée d'un ventilateur

Publication
EP 1936203 A3 20140101 (DE)

Application
EP 07022564 A 20071121

Priority
DE 102006058842 A 20061213

Abstract (en)
[origin: EP1936203A2] Vacuum pump comprises a housing with a gas inlet (9) and a gas outlet, a motor and a fan (6) with a fan motor. An independent claim is also included for a method for operating a vacuum pump. Preferred Features: The housing has cooling ribs (8) and the fan is arranged so that air passes into the chamber between the cooling ribs. The housing has a section (3) containing the fan.

IPC 8 full level
F04C 29/04 (2006.01)

CPC (source: EP US)
F04C 29/04 (2013.01 - EP US); **F04C 2220/10** (2013.01 - EP US)

Citation (search report)

- [X] WO 03042542 A1 20030522 - LEYBOLD VAKUUM GMBH [DE], et al
- [I] WO 02084124 A1 20021024 - TM C S P A TERMOMECCANICA COMP [IT], et al
- [I] US 2003228229 A1 20031211 - YOSHIMURA SHOJI [JP], et al
- [I] US 1970033 A 19340814 - DENNEDY JAMES H
- [A] EP 0074514 A1 19830323 - ISARTALER SCHRAUBENKOMPRESSOR [DE]

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EP3434905A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1936203 A2 20080625; EP 1936203 A3 20140101; EP 1936203 B1 20180110; DE 102006058842 A1 20080619; JP 2008151124 A 20080703; US 2008145258 A1 20080619

DOCDB simple family (application)
EP 07022564 A 20071121; DE 102006058842 A 20061213; JP 2007320415 A 20071212; US 191007 A 20071212