

Title (en)
Vacuum pump

Title (de)
Vakuumpumpe

Title (fr)
Pompe à vide

Publication
EP 2290242 B1 20170208 (DE)

Application
EP 10008413 A 20100812

Priority
DE 102009039120 A 20090828

Abstract (en)
[origin: EP2290242A2] The vacuum pump (1) has a pump flange (4) connected with a counter flange (2). The pump flange is arranged on a housing (6). A protective cover is associated with a suction hole (5) and arranged on a pump flange side, which is averted from the housing. A damping element is arranged on a side of the protective cover, where the protective cover side is outwardly extended in a radial direction. A conical surface is defined on the protective cover. The pump flange is formed with a groove for receiving a seal.

IPC 8 full level
F04D 19/04 (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP)
F04D 19/042 (2013.01); **F04D 29/601** (2013.01)

Cited by
CN113167283A; EP2918843A1; EP2913534A3; JP2015165134A; EP3067565A1; JP2016169732A; JP2020133628A; WO2015014521A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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