

Title (en)
VACUUM PUMP

Title (de)
VAKUUMPUMPE

Title (fr)
POMPE À VIDE

Publication
EP 3171030 B1 20200108 (DE)

Application
EP 15195364 A 20151119

Priority
EP 15195364 A 20151119

Abstract (en)
[origin: JP2017096286A] PROBLEM TO BE SOLVED: To provide a vacuum pump capable of being fixed in a stress-free state even in one-directional suspension or multi-directional suspension, and having gas-tight characteristic improved thereby. SOLUTION: A vacuum pump (10), in particular, a turbo-molecular pump has a housing (12) having at least one opening portion (14) connectable with an external device, in particular, an opening portion of a receiver, the opening portion is, at least partially, surrounded by a mounting part (18) defining a mounting plane (16), the mounting part is preferably formed into the cylindrical shape, and has an independent mounting element for stress-free mounting of the housing (12) to the external device, and further fixing means for power-connection between the mounting element and the mounting part (18), or the mounting element is connectable to the mounting part (18), and has the mounting element and the fixing means. SELECTED DRAWING: Figure 1A

IPC 8 full level
F04D 19/04 (2006.01); **F04D 29/08** (2006.01); **F04D 29/60** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 19/042 (2013.01); **F04D 29/083** (2013.01); **F04D 29/601** (2013.01); **F04D 29/668** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3171030 A1 20170524; **EP 3171030 B1 20200108**; JP 2017096286 A 20170601; JP 6351693 B2 20180704

DOCDB simple family (application)
EP 15195364 A 20151119; JP 2016224789 A 20161118