Title (en)

VACUUM PUMP AND METHOD FOR PRODUCING A VACUUM PUMP

Title (de)

VAKUUMPUMPE UND VERFAHREN ZUR HERSTELLUNG EINER VAKUUMPUMPE

Title (fr)

POMPE À VIDE ET PROCÉDÉ DE PRODUCTION D'UNE POMPE À VIDE

Publication

EP 3088737 B1 20200617 (DE)

Application

EP 15165989 A 20150430

Priority

EP 15165989 A 20150430

Abstract (en)

[origin: JP2016211537A] PROBLEM TO BE SOLVED: To easily assemble a vacuum pump.SOLUTION: A vacuum pump has a housing 10, at least one function unit disposed in the housing 10, and at least one opposite unit 14 disposed outside of the housing 10. The opposite unit is electrically and/or information-technically connected to the function unit through at least one wire, here, the wire is penetrated through an opening portion 20 formed in a housing wall 18 and transited, and the opposite unit 14 is mounted outside of the housing wall 18 in an operating direction, and covers the opening portion 20. The opening portion 20 and the opposite unit 14 are fitted so that the opposite unit 14 can be penetrated and guided through the opening portion 20 in an assembling direction different from the operating direction with respect to their dimensions.SELECTED DRAWING: Figure 5

IPC 8 full level

F04D 29/64 (2006.01); **F04B 35/04** (2006.01); **F04B 37/14** (2006.01); **F04B 39/12** (2006.01); **F04B 39/14** (2006.01); **F04C 23/00** (2006.01); **F04C 25/02** (2006.01); **F04D 19/04** (2006.01); **F04D 25/06** (2006.01)

CPC (source: EP)

F04B 35/04 (2013.01); **F04B 37/14** (2013.01); **F04B 39/121** (2013.01); **F04B 39/14** (2013.01); **F04C 23/008** (2013.01); **F04C 25/02** (2013.01); **F04D 19/04** (2013.01); **F04D 25/068** (2013.01); **F04D 25/0693** (2013.01); **F04D 29/644** (2013.01); F04C 2230/60 (2013.01); F04C 2240/808 (2013.01)

Cited by

EP3564534A4; EP4424994A1; US11081845B2

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 3088737 A1 20161102; **EP 3088737 B1 20200617**; JP 2016211537 A 20161215; JP 6148743 B2 20170614

DOCDB simple family (application)

EP 15165989 A 20150430; JP 2016016812 A 20160201