

Title (en)  
VACUUM GENERATING DEVICE

Title (de)  
VAKUUMERZEUGERVORRICHTUNG

Title (fr)  
DISPOSITIF A PRODUIRE DU VIDE

Publication  
**EP 1212535 A1 20020612 (DE)**

Application  
**EP 01957838 A 20010611**

Priority  
• DE 20011839 U 20000707  
• EP 0106563 W 20010611

Abstract (en)  
[origin: US2002114705A1] A vacuum producing means having a housing (2) with an inlet connection (4) and a suction connection (6) arranged opposite to same. The housing (2) comprises a suction nozzle means (16) and a gage pressure pulse means (35) arranged alongside same with the same alignment, for producing a fluid gage pressure pulse to be delivered into the suction space. The gage pressure pulse means (35) comprises a switching valve (35) combined with a pressure plenum (37), the valve member of the switching valve being so driven in a manner dependent of the differential thereat that the pressure plenum is either connected fluidwise with the inlet connection (4) or with the suction connection (6).

IPC 1-7  
**F04F 5/52**

IPC 8 full level  
**F04F 5/20** (2006.01); **F04F 5/46** (2006.01); **F04F 5/52** (2006.01)

CPC (source: EP US)  
**F04F 5/461** (2013.01 - EP US); **F04F 5/52** (2013.01 - EP US)

Citation (search report)  
See references of WO 0204818A1

Cited by  
DE102014011327A1; DE102014011327B4

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**US 2002114705 A1 20020822; US 6729852 B2 20040504**; AT E416315 T1 20081215; DE 20011839 U1 20001214; DE 50114542 D1 20090115; EP 1212535 A1 20020612; EP 1212535 B1 20081203; JP 2004502905 A 20040129; WO 0204818 A1 20020117

DOCDB simple family (application)  
**US 4973902 A 20020215**; AT 01957838 T 20010611; DE 20011839 U 20000707; DE 50114542 T 20010611; EP 0106563 W 20010611; EP 01957838 A 20010611; JP 2002509655 A 20010611