

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).

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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
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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

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