

Title (en)
Auxiliary air valve, vacuum cleaner and mounting method

Title (de)
Nebenluftventil, Staubsauger und Montageverfahren

Title (fr)
Soupape d'air secondaire, aspirateur et procédé de montage

Publication
EP 2540204 B1 20210303 (DE)

Application
EP 12172853 A 20120621

Priority
DE 102011078383 A 20110630

Abstract (en)
[origin: EP2540204A2] The auxiliary air valve (22) has a housing (23), an inlet opening (24) and an outlet opening (25) for bypass airflow, and a pressure-dependent opening closure unit (29) for blocking the flow connection between the inlet opening and outlet opening. The housing has a receiving unit (28) for receiving a pressure sensor (21). Independent claims are included for the following: (1) a vacuum cleaner with a suction nozzle; and (2) a method for assembling a vacuum cleaner.

IPC 8 full level
A47L 9/00 (2006.01)

CPC (source: EP)
A47L 9/0072 (2013.01); **A47L 9/19** (2013.01); **A47L 9/2821** (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 2540204 A2 20130102; EP 2540204 A3 20170719; EP 2540204 B1 20210303; DE 102011078383 A1 20130103

DOCDB simple family (application)
EP 12172853 A 20120621; DE 102011078383 A 20110630