

Title (en)
Electric vacuum cleaner

Title (de)
Elektrischer Staubsauger

Title (fr)
Aspirateur électrique

Publication
EP 1974642 A3 20100505 (EN)

Application
EP 08250735 A 20080304

Priority
JP 2007095078 A 20070330

Abstract (en)
[origin: EP1974642A2] In a suctioning state, even if the amount of dust trapped in a dust collecting unit (9) in a main air passage is increased, air suctioned from a hose connection port is branched into a first half passage and reduction in the suction air amount can be suppressed. When the suctioning state is switched to a dust moving state by switch means, the dust trapped in a pleated filter (126) is moved to the dust collecting unit (9), increase in the air passage resistance at the first half passage side caused by clogging of the pleated filter (126) can be suppressed, and reduction in suction power over time can be suppressed. Since an upper air passage (282) and lower air passage (283) are provided in the lid body (3), the dust collecting unit (9) is exposed with the lid body (3) opened, whereby maintenance performance of the dust collecting unit (9) is improved.

IPC 8 full level
A47L 9/20 (2006.01)

CPC (source: EP KR US)
A47L 9/10 (2013.01 - KR); **A47L 9/16** (2013.01 - KR); **A47L 9/20** (2013.01 - EP US)

Citation (search report)

- [Y] EP 1486155 A1 20041215 - TOSHIBA TEC KK [JP]
- [Y] JP H02159233 A 19900619 - TAITO SHOJI KK
- [A] US 6385809 B1 20020514 - MARTIN MICHAEL F [US], et al
- [A] WO 2004100752 A1 20041125 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] JP 2006006453 A 20060112 - TOSHIBA TEC KK
- [AD] JP 2005211285 A 20050811 - TOSHIBA TEC KK

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1974642 A2 20081001; EP 1974642 A3 20100505; EP 1974642 A9 20101222; EP 1974642 B1 20120627; CN 101273859 A 20081001; CN 101273859 B 20100804; KR 100928614 B1 20091126; KR 20080089250 A 20081006; US 2008235901 A1 20081002

DOCDB simple family (application)
EP 08250735 A 20080304; CN 200810090208 A 20080328; KR 20080028922 A 20080328; US 4258108 A 20080305