

Title (en)
Vacuum cleaner

Title (de)
Staubsauger

Title (fr)
Aspirateur

Publication
EP 1674009 B1 20120606 (EN)

Application
EP 05109176 A 20051004

Priority
KR 20040113390 A 20041227

Abstract (en)
[origin: EP1674009A2] A vacuum cleaner having an increased chassis strength and a more efficient layout of electrical wires is provided. The vacuum cleaner includes a base (110,150) for protecting its lower portion, a motor disposed above the base to provide suctioning power, a dust collection unit (400) disposed above and at a front of the base, an intake duct for guiding an outside air into the dust collection unit, a cover (200) for protecting the rear portion of the vacuum cleaner body, a connecting frame (218) extending around a front portion of a main body (100) of the vacuum cleaner for protecting the main body and accommodating a dust collection unit (400) therewithin in order to permit a viewing of an interior of the dust collection unit (400), the space around the dust collection unit being opened, and a reinforcing frame (219) covering the top of the connecting frame (218).

IPC 8 full level
A47L 5/36 (2006.01); **A47L 9/00** (2006.01); **A47L 9/16** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP KR)
A47L 5/362 (2013.01 - EP); **A47L 9/00** (2013.01 - EP KR); **A47L 9/10** (2013.01 - KR); **A47L 9/1683** (2013.01 - EP); **A47L 9/1691** (2013.01 - EP); **A47L 9/2889** (2013.01 - EP)

Cited by
EP2417885A4; RU2696639C1; EP3424391A4; EP2572619A3; EP2201880A3; AU2009238258B2; EP2520208A4; EP2078486A1; US10506905B2; US10575690B2; US10314448B2; US10426303B2; JP2020096729A; WO2012116436A1; US8646149B2; US10945570B2; US10321796B2; US10433693B2; US10512378B2; US10076217B2; US11076729B2; US10426310B2; US10582822B2; US11039724B2; US11751733B2; US8549700B2; US10682029B2; US10765277B2; US11700984B2; US10357135B2; US10433686B2; US10517451B2; US10542856B2; US10561286B2; WO2013136064A3; US10362915B2; US11690489B2; US11950751B2; US10314455B2; US10548442B2; US11330944B2; US11529031B2; US11622659B2; US9931005B2; US10624511B2; US10638897B2; US11889968B2; US9693666B2; US9801511B2; US9907444B2; US10327608B2; US10512374B2; US10602894B2; US11571096B2; US11612283B2; US11744417B2; US11896183B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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EP 1674009 A2 20060628; **EP 1674009 A3 20090121**; **EP 1674009 B1 20120606**; KR 100697429 B1 20070320; KR 20060074618 A 20060703; RU 2304424 C1 20070820

DOCDB simple family (application)
EP 05109176 A 20051004; KR 20040113390 A 20041227; RU 2005140677 A 20051226