

Title (en)

Vacuum cleaner for using as both canister form and stick form

Title (de)

In Kanisterform und in Stielgeführterform verwendbarer Staubsauger

Title (fr)

Aspirateur pouvant fonctionner sous forme d'aspirateur-traineau ou d'aspirateur-balai

Publication

EP 1985215 A3 20091104 (EN)

Application

EP 07025015 A 20071221

Priority

KR 20070041330 A 20070427

Abstract (en)

[origin: EP1985215A2] A vacuum cleaner for use in either a canister form or a stick form is disclosed. The vacuum cleaner includes a cleaner body (10), a suction unit (20) having an air suction opening formed in a bottom surface of the cleaner body (10) to draw in air, a dust collecting unit (40) disposed in the cleaner body to separate dust or dirt from the air and to collect and store the dust or dirt therein, and a mode selecting unit (60) on the cleaner body (10) to select one of a first mode and a second mode. The first mode is a mode where a handle member for moving the cleaner body is connected to the cleaner body and the suction unit (20) and the dust collecting unit (40) are communicated with each other. The second mode is a mode where an external accessory is connected to the cleaner body (10) to communicate with the dust collecting unit (40).

IPC 8 full level

A47L 5/32 (2006.01); **A47L 9/00** (2006.01); **A47L 9/16** (2006.01)

CPC (source: EP KR US)

A47L 5/225 (2013.01 - EP US); **A47L 5/28** (2013.01 - KR); **A47L 5/32** (2013.01 - EP US); **A47L 9/00** (2013.01 - KR);
A47L 9/0036 (2013.01 - EP US); **A47L 9/1608** (2013.01 - EP US); **A47L 9/1666** (2013.01 - EP US); **A47L 9/1683** (2013.01 - EP US);
A47L 9/1691 (2013.01 - EP US)

Citation (search report)

- [XY] US 4660246 A 19870428 - DUNCAN JOHN L [US], et al
- [XY] GB 2344746 A 20000621 - NOTETRY LTD [GB]
- [Y] US 6332239 B1 20011225 - DUBOS ROLAND [FR], et al
- [X] WO 2005034706 A2 20050421 - T P A IMPEX SPA [IT], et al
- [A] GB 2394650 A 20040505 - BLACK & DECKER INC [US]
- [A] EP 0966912 A1 19991229 - ELECTROLUX AB [SE]
- [A] WO 2005096907 A1 20051020 - GREY TECHNOLOGY LTD [GB], et al
- [A] GB 2430863 A 20070411 - SHARP KK [JP]

Cited by

EP2198766A3; EP2201875A3; WO2012075248A2; US8062398B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1985215 A2 20081029; EP 1985215 A3 20091104; AU 2008200169 A1 20081120; CN 101292848 A 20081029;
KR 20080096191 A 20081030; RU 2008100152 A 20090720; US 2008263813 A1 20081030

DOCDB simple family (application)

EP 07025015 A 20071221; AU 2008200169 A 20080111; CN 200810002843 A 20080109; KR 20070041330 A 20070427;
RU 2008100152 A 20080111; US 90005207 A 20070910