

Title (en)
Stick type vacuum cleaner

Title (de)
Stabstaubsauger

Title (fr)
Aspirateur de type bâton

Publication
EP 2030543 A3 20100203 (EN)

Application
EP 08006179 A 20080328

Priority
KR 20070086690 A 20070828

Abstract (en)
[origin: EP2030543A2] A stick type vacuum cleaner is provided. The stick type vacuum cleaner (1) includes a suction port assembly (100) and a stick part (200) having a first end is engaged with a first side of the suction port assembly (100) and a second end having a handgrip (230). The suction port assembly (100) includes a casing part (110) comprising a suction port through which air and dust are drawn from the object being cleaned, a suction force generating unit formed inside the casing part (110) to generate a suction force, a dust separating unit (150) to separate and accommodate dust from the drawn air and dust, and a power supply unit to supply power to the suction force generating unit. The suction force generating unit is disposed between the suction port and the dust separating unit (150) so that the drawn air and dust are passed through the suction force generating unit before being introduced into the dust separating unit (150).

IPC 8 full level
A47L 5/12 (2006.01); **A47L 5/28** (2006.01); **A47L 9/16** (2006.01)

CPC (source: EP KR US)
A47L 5/12 (2013.01 - EP US); **A47L 5/24** (2013.01 - KR); **A47L 5/28** (2013.01 - EP KR US); **A47L 5/30** (2013.01 - EP US);
A47L 9/10 (2013.01 - KR); **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)
• [X] WO 2006106278 A1 20061012 - GREY TECHNOLOGY LTD [GB], et al
• [A] WO 2006078580 A2 20060727 - ELECTROLUX HOME CARE PROD NA [US]
• [E] EP 2095752 A2 20090902 - SAMSUNG KWANGJU ELECTRONICS CO [KR]

Cited by
CN105534401A; EP2201880A3; EP2581014A1; CN103027633A; US10271702B2; US10682029B2; US10314448B2; US10575690B2;
WO2016063001A1; US10314451B2; US11311162B2; US10299646B2; US10506905B2; US10426303B2; US10555651B2; US10362915B2;
US10758101B2; US10945570B2; US10071328B2; US10398272B2; US10426310B2; US10582822B2; US11039724B2; US10321796B2;
US10433693B2; US10512378B2; US10299647B2; US10357135B2; US10517451B2; TWI643594B; TWI637715B; TWI641353B; TWI643597B;
TWI643596B; US10143346B2; US10299645B2; US10314455B2; US10856711B2; TWI641351B

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 2030543 A2 20090304; **EP 2030543 A3 20100203**; **EP 2030543 B1 20111026**; JP 2009050687 A 20090312; KR 101340423 B1 20131213;
KR 20090021839 A 20090304; RU 2008126078 A 20100110; US 2009056060 A1 20090305

DOCDB simple family (application)
EP 08006179 A 20080328; JP 2008161551 A 20080620; KR 20070086690 A 20070828; RU 2008126078 A 20080627; US 7076308 A 20080221