

Title (en)

Vacuum cleaner having detachable dust separating unit

Title (de)

Staubsauger mit abnehmbarer Staubtrenneinheit

Title (fr)

Aspirateur doté d'une unité séparable de séparation de la poussière

Publication

EP 2201880 A3 20120926 (EN)

Application

EP 09014244 A 20091113

Priority

KR 20080135968 A 20081229

Abstract (en)

[origin: EP2201880A2] A vacuum cleaner having a detachable dust separating unit (50) is disclosed. The vacuum cleaner includes a cleaner body (10) having a first opening (11a) to open a portion of a first surface thereof and a second opening (11b) to open a portion of a second surface thereof, a dust separating unit (50) to separate a dust from an air, and a seating part (80) formed in the cleaner body (10) to detachably mount the dust separating unit (50) on the cleaner body (10). The dust separating unit (50) forms a portion of an outward appearance of the cleaner body (10) while closing up the first and the second openings (11a, 11b) of the cleaner body (10) when the dust separating unit (50) is mounted on the seating part (80).

IPC 8 full level

A47L 9/16 (2006.01)

CPC (source: EP KR US)

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A47L 9/1641 (2013.01 - EP US); **A47L 9/165** (2013.01 - EP US); **A47L 9/1683** (2013.01 - EP US); **A47L 9/1691** (2013.01 - EP US)

Citation (search report)

- [X] EP 1674009 A2 20060628 - LG ELECTRONICS INC [KR]
- [XP] EP 2030543 A2 20090304 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
- [A] EP 1952743 A2 20080806 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
- [A] EP 1989984 A2 20081112 - SAMSUNG KWANGJU ELECTRONICS CO [KR]

Cited by

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US9392917B2; WO2013190308A1; WO2013190307A1; US9609990B2; US10756653B2; US9516982B2

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Designated extension state (EPC)

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DOCDB simple family (publication)

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KR 101542185 B1 20150807; KR 20100077893 A 20100708; RU 2009149157 A 20110710; RU 2520051 C2 20140620;
US 2010162517 A1 20100701

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EP 09014244 A 20091113; AU 2009238258 A 20091113; KR 20080135968 A 20081229; RU 2009149157 A 20091228; US 59026009 A 20091105