

Title (en)
Vacuum cleaner

Title (de)
Staubsauger

Title (fr)
Aspirateur

Publication
EP 2110062 A3 20100922 (EN)

Application
EP 09158024 A 20090416

Priority
GB 0807097 A 20080418

Abstract (en)
[origin: EP2110062A2] A portable vacuum cleaner (1) has a fan (7) which draws air inwards through an inlet duct (11) and an inlet (12) to a coarse filter element (13). Larger dirt particles are trapped within the coarse filter element (13), and the filtered air passes through a fine filter element (15) and into the fan (7), where it is expelled through an outlet duct (17) and an outlet aperture (18). The coarse filter element (13) can be removed and emptied; its removal causing bristles of a brush (20) mounted thereto to displace dirt particles from the fine filter element (15).

IPC 8 full level
A47L 5/24 (2006.01); **A47L 9/12** (2006.01); **A47L 9/20** (2006.01); **A47L 9/22** (2006.01)

CPC (source: EP GB US)
A47L 5/24 (2013.01 - EP GB US); **A47L 9/127** (2013.01 - EP US); **A47L 9/20** (2013.01 - EP GB US); **A47L 9/22** (2013.01 - EP US)

Citation (search report)
• [A] EP 1523916 A2 20050420 - BLACK & DECKER INC [US]
• [A] DE 2108842 A1 19720907 - WITTERN E
• [A] GB 2430863 A 20070411 - SHARP KK [JP]

Cited by
CN110799077A; CN103610425A; CN114007476A; CN112969393A; WO2020099832A1; US11457787B2; US11779179B2; US10368706B1; US11304579B2; WO2020178572A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2110062 A2 20091021; EP 2110062 A3 20100922; EP 2110062 B1 20161109; AU 2009201093 A1 20091105; AU 2009201093 B2 20140206; GB 0807097 D0 20080521; GB 2459300 A 20091021; GB 2459300 B 20100310; US 2009260179 A1 20091022

DOCDB simple family (application)
EP 09158024 A 20090416; AU 2009201093 A 20090318; GB 0807097 A 20080418; US 41070209 A 20090325