

Title (en)

VACUUM CLEANER WITH AT LEAST ONE SUCTION AGGREGATE

Title (de)

STAUBSAUGER MIT MINDESTENS EINEM SAUGAGGREGAT

Title (fr)

ASPIRATEUR AVEC AU MOINS UN AGRÉGAT DE SUCTION

Publication

EP 2640247 A1 20130925 (DE)

Application

EP 10784471 A 20101116

Priority

EP 2010067564 W 20101116

Abstract (en)

[origin: WO2012065627A1] Vacuum cleaner (10) having a dirt collection container (12) and a suction head (14) which can be mounted on the dirt collection container (12), wherein the suction head (14) has at least one suction assembly (16, 8) which forms a flow connection with the dirt collection container (12) by means of a suction duct (30) and a filter device (32) and forms a flow connection with at least one waste air opening (84, 86) by means of at least one waste air duct (66, 68). In order to develop the vacuum cleaner (10) in such a way that it has a high suction power and a compact construction and operation of said vacuum cleaner is associated with a relatively low development of noise, the suction head (14) has two suction assemblies (16, 8) which are arranged next to one another, are positioned at the same level as the filter device (32) in the vertical direction and are surrounded by a common waste air chamber (52), wherein the waste air chamber (52) forms a flow connection with two waste air openings (84, 86) by means of a first and a second waste air duct (66, 68), and the filter device (32) is arranged between the two waste air ducts (66, 68).

IPC 8 full level

A47L 5/22 (2006.01); **A47L 5/36** (2006.01); **A47L 9/00** (2006.01); **A47L 9/12** (2006.01); **A47L 9/20** (2006.01); **A47L 9/22** (2006.01)

CPC (source: EP US)

A47L 5/22 (2013.01 - EP US); **A47L 5/365** (2013.01 - EP US); **A47L 9/0081** (2013.01 - EP US); **A47L 9/122** (2013.01 - EP US);
A47L 9/14 (2013.01 - US); **A47L 9/20** (2013.01 - EP US); **A47L 9/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2012065627A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012065627 A1 20120524; CN 103220953 A 20130724; CN 103220953 B 20160413; DK 2640247 T3 20190708; EP 2640247 A1 20130925;
EP 2640247 B1 20190424; RU 2013127140 A 20141227; RU 2564208 C2 20150927; US 2013247328 A1 20130926; US 9351620 B2 20160531

DOCDB simple family (application)

EP 2010067564 W 20101116; CN 201080070198 A 20101116; DK 10784471 T 20101116; EP 10784471 A 20101116;
RU 2013127140 A 20101116; US 201313895041 A 20130515