

Title (en)

SUCTION HEAD FOR ELECTRIC VACUUM CLEANERS AND ELECTRIC VACUUM CLEANER EQUIPPED WITH THE SAME

Title (de)

SAUGKOPF FÜR ELEKTRISCHE STAUBSAUGER SOWIE ELEKTRISCHER STAUBSAUGER DAMIT

Title (fr)

TÊTE D'ASPIRATION POUR ASPIRATEUR ÉLECTRIQUE ET ASPIRATEUR ÉLECTRIQUE ÉQUIPÉ DE CELUI-CI

Publication

EP 3047776 A1 20160727 (EN)

Application

EP 16151900 A 20160119

Priority

JP 2015008209 A 20150120

Abstract (en)

A suction head for electric vacuum cleaners includes the following: a lower member (3) having an inlet (4) and forming the bottom surface of the suction head body (1); an upper member (2) covering the top of the lower member (3); an arm (5) connected in a vertically rotatable manner to the upper member (2); holding parts (7) extending backward from the left and right sides of the arm (5); and rollers (8) rotatably held by the holding parts (7). The rollers (8) move vertically with the arm (5), allowing the bottoms of the rollers (8) to be lowered to be flush with the bottom surface of the lower member (3). This allows the inlet (4) to come into close contact with the surface to be cleaned. As a result, the suction head for electric vacuum cleaners can be inexpensive and have high dust-collecting performance.

IPC 8 full level

A47L 9/02 (2006.01)

CPC (source: EP)

A47L 9/02 (2013.01)

Citation (applicant)

CN 101099648 A 20080109 - WESSEL WERK GMBH [DE]

Citation (search report)

- [XA] EP 2338399 A2 20110629 - MIELE & CIE [DE]
- [XA] EP 2449936 A1 20120509 - SEB SA [FR]
- [XPA] GB 2524324 A 20150923 - DYSON TECHNOLOGY LTD [GB]

Cited by

US11019968B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3047776 A1 20160727; JP 2016131729 A 20160725

DOCDB simple family (application)

EP 16151900 A 20160119; JP 2015008209 A 20150120