

Title (en)
SUCTION NOZZLE AND ELECTRIC VACUUM CLEANER INCLUDING THE SAME

Title (de)
SAUGDÜSE UND STAUBSAUGER DAMIT

Title (fr)
BUSE D'ASPIRATION ET ASPIRATEUR ÉLECTRIQUE L'INCLUANT

Publication
EP 3243416 A1 20171115 (EN)

Application
EP 17169854 A 20170508

Priority
JP 2016094466 A 20160510

Abstract (en)
A suction nozzle of an electric vacuum cleaner including an electric blower, includes a suction inlet; an outlet; a suction passage extending along a center line joining a middle of the suction inlet in the longitudinal direction and a middle of the outlet in the longitudinal direction to connect the suction inlet and the outlet; and partition walls arranged in the suction passage to extend from the suction inlet side to the outlet side. The suction passage includes a main passage and division passages arranged on both outer sides of the main passage. The main passage and the division passages are divided in the longitudinal direction of the suction inlet by the partition walls. A width of the main passage at the suction inlet measured in the longitudinal direction is arranged to be greater than a width of the main passage at the outlet measured in the longitudinal direction.

IPC 8 full level
A47L 9/02 (2006.01)

CPC (source: CN EP US)
A47L 5/24 (2013.01 - US); **A47L 5/362** (2013.01 - US); **A47L 9/02** (2013.01 - CN EP US); **A47L 9/1409** (2013.01 - US);
A47L 9/2805 (2013.01 - US); **A47L 9/2842** (2013.01 - US); **A47L 9/2852** (2013.01 - US); **A47L 9/2857** (2013.01 - US);
A47L 9/2894 (2013.01 - US); **A47L 2201/04** (2013.01 - US)

Citation (applicant)
JP 2015070960 A 20150416 - IRIS OHYAMA INC

Citation (search report)
• [XA] DE 102013020935 A1 20150611 - FREUDENBERG CARL KG [DE]
• [XA] JP H0483156 U 19920720
• [A] WO 2010102395 A1 20100916 - GBD CORP [BS], et al
• [A] US 2013326842 A1 20131212 - PEARSON DAN [US], et al

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US2021059495A1; EP4021265A4; WO2021041887A1; US11969126B2

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 3243416 A1 20171115; CN 107348900 A 20171117; CN 107348900 B 20200428; CN 207444897 U 20180605; JP 2017202050 A 20171116;
JP 6707977 B2 20200610; TW 201739402 A 20171116; TW I667984 B 20190811; US 2017325645 A1 20171116

DOCDB simple family (application)
EP 17169854 A 20170508; CN 201710323514 A 20170509; CN 201720510417 U 20170509; JP 2016094466 A 20160510;
TW 106115401 A 20170510; US 201715591128 A 20170510