

Title (en)
SUCTION OPENING BODY AND ELECTRIC CLEANER

Title (de)
ABSAUGUNGSÖFFNUNGSELEMENT UND ELEKTRISCHES REINIGUNGSGERÄT

Title (fr)
CORPS D'OUVERTURE D'ASPIRATION ET APPAREIL DE NETTOYAGE ÉLECTRIQUE

Publication
EP 3662804 A4 20210428 (EN)

Application
EP 18841600 A 20180731

Priority
• JP 2017149465 A 20170801
• JP 2018028603 W 20180731

Abstract (en)
[origin: EP3662804A1] To provide a cleaner head and an electric cleaner (1), which can quickly remove dust having entered between the brush hairs of the roller brushbar using the rotation of the roller brushbar. A cleaner head (26) includes: a cleaner-head body (32) having a suction opening (28) that is provided in the bottom face, a suction chamber (63) that connects to the suction port (28), and a relay pipe (66) that connects to the suction port (28) through the suction chamber (63); a brushbar (29) that is disposed in the suction chamber (63) that is rotatably supported by the cleaner-head body (32), and that has brush hairs (65) extending in a normal direction; an electric motor (31) contained in the cleaner-head body (32); a power transmission mechanism (51) that transmits drive force from the electric motor (31) to the brushbar (29); and a brush-hair dust-remover (55) that protrudes from the inner wall face (71) of the suction chamber (63) to be in contact with the brush hairs (65) and restricts air sucked into the relay pipe (66).

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A47L 9/04 (2006.01)

CPC (source: EP)
A47L 9/0411 (2013.01); **A47L 9/0477** (2013.01); **A47L 9/06** (2013.01)

Citation (search report)
• [XAI] EP 2941994 A1 20151111 - LG ELECTRONICS INC [KR]
• [X] EP 2570067 A1 20130320 - SAMSUNG ELECTRONICS CO LTD [KR]
• [XA] US 9375122 B2 20160628 - ERIKSSON HENRIK [SE]
• [X] EP 1994869 A2 20081126 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• See references of WO 2019026888A1

Cited by
US12029376B2

Designated contracting state (EPC)
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