Title (en)

AIR SUCKING/BLOWING DEVICE AND ELECTRIC CLEANER PROVIDED WITH SAME

Title (de)

LUFTANSAUG-/AUSBLASVORRICHTUNG UND ELEKTRISCHER REINIGER DAMIT

Title (fr)

DISPOSITIF D'ASPIRATION/DE SOUFFLAGE D'AIR ET APPAREIL DE NETTOYAGE ÉLECTRIQUE ÉQUIPÉ DE CELUI-CI

Publication

EP 2526846 A4 20121128 (EN)

Application

EP 10843834 A 20101112

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- JP 2010053991 A 20100311
- JP 2010011623 A 20100122
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Abstract (en)

[origin: EP2526846A1] The present invention provides a technology, which is capable of easily switching between the vacuum function and the blower function of the vacuum cleaner with a simple configuration, and is also capable of effectively utilizing the blower function even in the various situations. Typical air suction/injection device (10A) is configured that the interior of the main unit (111) constitutes a main passage (101) of air, and the interior of an injection passage section (112) provided in the main body (111) constitutes a sub-passage (102). Once a suctioned airstream is created in the main passage (101), a power fan (114b) inside of a suction chamber (115) is rotated, and in conjunction with such a rotation, an injection fan (114a) is rotated so that an injecting airstream is created in the sub-passage (102). In such case, a passage switching section composed of a valve member (116) provided in the location of joining the main passage (101) and the sub-passage (102) is switched to easily switch between a creation of an injecting airstream and a creation of a suctioned airstream.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAI] DE 29907437 U1 20000817 - KALUSCHE HANS [DE]
- [A] JP S6318945 U 19880208
- [AD] JP 2001321305 A 20011120 - MATSUSHITA ELECTRIC IND CO LTD
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- See also references of WO 2011089668A1

Designated contracting state (EPC)

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