

Title (en)

CLEANING DEVICE AND METHOD FOR USE OF SAID CLEANING DEVICE

Title (de)

REINIGUNGSGERÄT UND VERFAHREN ZUM BETRIEB EINES REINIGUNGSGERÄTES

Title (fr)

APPAREIL DE NETTOYAGE ET PROCÉDÉ POUR UTILISER L'APPAREIL DE NETTOYAGE

Publication

EP 3162266 B1 20180502 (DE)

Application

EP 16195230 A 20161024

Priority

DE 102015118648 A 20151030

Abstract (en)

[origin: JP2017080410A] PROBLEM TO BE SOLVED: To provide a cleaner (1), especially a domestic vacuum cleaner, equipped with a fan, and a determination and control device (4). SOLUTION: A determination and control device (4) changes suction force of a fan (2) according to an arrangement state of a cleaner with respect to a surface (3), the arrangement state of the cleaner being a contact state in which the cleaner (1) is placed on the surface (3), and a non-contact state in which the cleaner (1) is lifted from the surface. The determination and control device (4) is configured to set the suction force to a higher value in the determination of the non-contact state than in the determination of the contact state. Furthermore, the operation method of the cleaner (1) is characterized in that the suction force is set to a higher value when the cleaner is determined to be in the non-contact state than when the cleaner is determined to be in the contact state. SELECTED DRAWING: Figure 1

IPC 8 full level

A47L 9/28 (2006.01)

CPC (source: CN EP)

A47L 9/2805 (2013.01 - EP); **A47L 9/2821** (2013.01 - CN EP); **A47L 9/2842** (2013.01 - CN EP)

Cited by

CN113729558A; WO2022008870A1

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DOCDB simple family (publication)

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EP 16195230 A 20161024; CN 201611272873 A 20161031; DE 102015118648 A 20151030; ES 16195230 T 20161024; JP 2016207589 A 20161024; TW 105134753 A 20161027