

Title (en)

Method for operating a vacuum cleaner, control device for implementing the method and vacuum cleaner with such a device

Title (de)

Verfahren zum Betrieb eines Staubsaugers, Steuerungsvorrichtung zur Implementierung des Verfahrens und Staubsauger mit einer solchen Steuerungsvorrichtung

Title (fr)

Procédé de commande d'un aspirateur, dispositif de commande pour l'implantation du procédé et aspirateur doté d'un tel dispositif de commande

Publication

EP 2301405 A3 20131120 (DE)

Application

EP 10401127 A 20100803

Priority

DE 102009040101 A 20090904

Abstract (en)

[origin: EP2301405A2] The method involves measuring and computing filling degree of a dust collecting container (18) e.g. dust bag. The computed filling degree is displayed with a filling degree display (22) of a vacuum cleaner (10) as long as the computed filling degree remains below the measured filling degree. Display progress speed influenced by an empirical value is integrated into the computation of the filling degree. The measurement of the filling degree is performed based on a pressure measurement i.e. differential pressure measurement. An independent claim is also included for a control device for a vacuum cleaner.

IPC 8 full level

A47L 9/28 (2006.01); **A47L 9/19** (2006.01)

CPC (source: EP)

A47L 9/19 (2013.01); **A47L 9/2821** (2013.01); **A47L 9/2831** (2013.01); **A47L 9/2857** (2013.01)

Citation (search report)

- [A] US 2008016646 A1 20080124 - GAGNON MARTIN [CA], et al
- [A] DE 4323222 A1 19950427 - MIELE & CIE [DE]
- [A] DE 4304264 A1 19940818 - SIEMENS AG [DE]
- [A] DE 19830737 A1 20000113 - WAP REINIGUNGSSYSTEME [DE]

Cited by

CN114052556A

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2301405 A2 20110330; EP 2301405 A3 20131120; DE 102009040101 A1 20110310; DE 102009040101 B4 20121025

DOCDB simple family (application)

EP 10401127 A 20100803; DE 102009040101 A 20090904