

Title (en)

Apparatus and method for influencing the electric power consumption of a vacuum cleaner motor

Title (de)

Vorrichtung und Verfahren zur Beeinflussung einer elektrischen Leistungsaufnahme eines Staubsaugermotors

Title (fr)

Dispositif et procédé destinés à influencer la réception de puissance électrique d'un moteur d'aspirateur

Publication

EP 2617340 A3 20150909 (DE)

Application

EP 12199396 A 20121227

Priority

DE 102012200765 A 20120119

Abstract (en)

[origin: EP2617340A2] The device (10) comprises a unit (16) for detecting a pressure difference between a suction air pressure upstream of a dust collecting container (14) and another suction air pressure downstream of the dust collecting container. Another unit (17) is provided for adjusting the electrical power consumption of the vacuum cleaner motor (11), when the detected pressure difference is above or below a preset differential pressure threshold value. The pressure difference detection unit comprises a differential pressure switch, which cooperates with the electric power consumption adjusting unit. The switching signal is provided to increase or decrease the electrical power consumption of the vacuum cleaner motor on reaching the preset differential pressure threshold value. An independent claim is included for a method for influencing an electric power consumption of a vacuum cleaner motor.

IPC 8 full level

A47L 9/28 (2006.01)

CPC (source: EP)

A47L 9/2821 (2013.01); **A47L 9/2842** (2013.01)

Citation (search report)

- [X] EP 0379680 A1 19900801 - INTERLAVA AG [CH]
- [XAI] DE 102008010068 A1 20090827 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 102007057589 A1 20090604 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

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EP3278697A1; CN114601369A; DE102014114611A1; DE102014114611B4; EP2875767A1; CN114858406A; RU2664227C1; WO2016096045A1; US9486923B2; WO2017191155A1

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)

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