

Title (en)
SUCTION CLEANER WITH A DEVICE FOR INDICATING A FILTER CHANGE TO HAPPEN

Title (de)
STAUBSAUGER MIT EINER FILTERWECHSELANZEIGE

Title (fr)
ASPIRATEUR DE POUSSIÈRE AVEC DISPOSITIF INDIQUANT LE CHANGEMENT DE FILTRE

Publication
EP 2378940 B1 20130501 (DE)

Application
EP 09764794 A 20091202

Priority
• EP 2009066181 W 20091202
• DE 102008055048 A 20081219

Abstract (en)
[origin: WO2010069761A1] The invention relates to a vacuum cleaner (4) having a filter replacement indicator (1), wherein the vacuum cleaner (4) comprises: a suction air guide (5), a dust separation unit (6) in a collection space (7) and a motor/blower unit (8) in a housing (26), and the filter replacement indicator (1) comprises: a data logger (2) and a signal unit (3), wherein the filter replacement indicator (1) can be controlled via the data logger (2) by a first parameter (9) outside of the vacuum cleaner (4), as well as by a second parameter (10) created by the motor/blower unit (8), wherein the second parameter (10), in connection with the first parameter (9), allows for a conclusion about a fault condition of the dust separation unit (6), wherein the data logger (2) can register a parameter present on or in the suction air guide (5) as a second parameter (10). The invention makes the assembly and function of a filter replacement indicator (1) on a handle (17) spaced away from a suction air guide (5) easier by means of simple design and cost-efficiency means. Furthermore, noise can be reduced and an intuitive fault indicator provided.

IPC 8 full level
A47L 9/19 (2006.01)

CPC (source: EP)
A47L 9/19 (2013.01)

Cited by
USD911642S; USD844265S; USD840615S; US11695312B2; US11607637B2; US10470625B2; US10531772B2; US10743731B2; US11363922B2

Designated contracting state (EPC)
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

DOCDB simple family (publication)
WO 2010069761 A1 20100624; CN 102256524 A 20111123; CN 102256524 B 20150826; DE 102008055048 A1 20100701; EP 2378940 A1 20111026; EP 2378940 B1 20130501; RU 2011127139 A 20130127

DOCDB simple family (application)
EP 2009066181 W 20091202; CN 200980150992 A 20091202; DE 102008055048 A 20081219; EP 09764794 A 20091202; RU 2011127139 A 20091202