

Title (en)

Vacuum cleaner with a filter attachment

Title (de)

Staubsauger mit einer Vorrichtung zur Befestigung des Filters

Title (fr)

Aspirateur muni d'un dispositif de fixation du filtre

Publication

EP 1618823 B1 20100324 (DE)

Application

EP 05014351 A 20050701

Priority

AT 5122004 U 20040720

Abstract (en)

[origin: EP1618823A2] The filter (4) encloses the holding column (6) which is attached at the upper end to the motor (2) housing with a filter retaining plate (14) at the lower end which is locked in place by a knob (13) having a locking ring (20) by which the filter is secured.

IPC 8 full level

A47L 9/12 (2006.01)

CPC (source: EP US)

A47L 9/127 (2013.01 - EP US); **Y10S 55/03** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1618823 A2 20060125; EP 1618823 A3 20070606; EP 1618823 B1 20100324; AT 8116 U1 20060215; AT E461646 T1 20100415; CA 2512122 A1 20060120; DE 502005009268 D1 20100506; US 2006016044 A1 20060126; US 7444712 B2 20081104

DOCDB simple family (application)

EP 05014351 A 20050701; AT 05014351 T 20050701; AT 5122004 U 20040720; CA 2512122 A 20050714; DE 502005009268 T 20050701; US 18660405 A 20050720