

Title (en)

Electric vacuum cleaner with a nozzle cooperating with a dust bag

Title (de)

Elektrostaubsauger mit einem Stutzen zur Zusammenwirkung mit einem Filterbeutel

Title (fr)

Aspirateur électrique avec tubulure pour coopérer avec un sac à poussière

Publication

EP 2380477 B1 20140305 (DE)

Application

EP 11173065 A 20060921

Priority

- EP 06806792 A 20060921
- DE 102005045548 A 20050923

Abstract (en)

[origin: WO2007033979A1] The invention relates to an arrangement of a filter bag (7) in an electric vacuum cleaner (1) which is provided with a nozzle (14) that protrudes into the filter bag (7). The filter bag (7) comprises a flap (11) which swivels into the interior of the filter bag through the protruding nozzle (14). In order to further improve an arrangement of said type particularly regarding the cooperation between the nozzle and the flap of the filter bag, the basic contour of the nozzle (14) is adapted to the size of the swiveling axis (y) of the flap (11) in the area of the nozzle (14) that cooperates with the flap (11).

IPC 8 full level

A47L 9/14 (2006.01)

CPC (source: EP)

A47L 9/1454 (2013.01)

Cited by

USD911642S; US11607637B2; US10470625B2; US10531772B2; US10743731B2; US11363922B2

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)

DE 102005045548 A1 20070329; CN 101272720 A 20080924; EP 1933685 A1 20080625; EP 1933685 B1 20120516; EP 2380477 A1 20111026; EP 2380477 B1 20140305; ES 2383821 T3 20120626; RU 2008115924 A 20091027; WO 2007033979 A1 20070329

DOCDB simple family (application)

DE 102005045548 A 20050923; CN 200680035105 A 20060921; EP 06806792 A 20060921; EP 11173065 A 20060921; EP 2006066586 W 20060921; ES 06806792 T 20060921; RU 2008115924 A 20060921