

Title (en)

Device for vacuum cleaner filter bags

Title (de)

Vorrichtung für Filterbeutel von Staubsaugern

Title (fr)

Dispositif pour sac filtrant d'un aspirateur

Publication

EP 1639933 A3 20090506 (DE)

Application

EP 05018245 A 20050823

Priority

DE 102004046384 A 20040924

Abstract (en)

[origin: EP1639933A2] Device for arranging and holding a filter bag (2) in a vacuum cleaner housing (1) comprises a reinforcing element (4) having in the edge region individual holders (6) which interact in holders (7) of the housing in the insertion direction of the filter bag to spatially position the filter bag. Preferred Features: The individual holders are arranged on the reinforcing element and are partially formed by half domes. The filter bag is connected to the reinforcing element so that it can be exchanged.

IPC 8 full level

A47L 9/14 (2006.01)

CPC (source: EP US)

A47L 9/1436 (2013.01 - EP US); **Y10S 55/02** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1174072 A2 20020123 - VORWERK CO INTERHOLDING [DE]
- [X] DE 29719890 U1 19980219 - VORWERK CO INTERHOLDING [DE]
- [Y] DE 29723397 U1 19981022 - AICHNER FILTER GMBH [DE]

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1639933 A2 20060329; EP 1639933 A3 20090506; EP 1639933 B1 20110119; AT E495692 T1 20110215; CA 2520925 A1 20060324; CA 2520925 C 20130716; DE 102004046384 A1 20060406; DE 102004046384 B4 20090618; DE 502005010874 D1 20110303; US 2006064951 A1 20060330; US 7637975 B2 20091229

DOCDB simple family (application)

EP 05018245 A 20050823; AT 05018245 T 20050823; CA 2520925 A 20050923; DE 102004046384 A 20040924; DE 502005010874 T 20050823; US 23450105 A 20050923