

Title (en)

Holder plate for a vacuum cleaner filter bag

Title (de)

Halteplatte für einen Staubsaugerfilterbeutel

Title (fr)

Platine de fixation pour un sac à poussière d'un aspirateur

Publication

EP 1875848 A3 20080227 (DE)

Application

EP 07020046 A 20060425

Priority

EP 06008560 A 20060425

Abstract (en)

[origin: EP1849392A1] The plate (1) has a closing flap (4) arranged on a base plate (2) in a rotatable manner for closing a passage aperture (3). An embossed flat spring (6) is arranged in such a manner that bending angle of the spring in a preset pivoting angular region is smaller than an opening angle of the closing flap. The closing flap is brought from one position to another position by a restoring force of the spring against an opening direction. The spring is arranged in the direction rear to the flap. The spring is made of a metal e.g. spring steel, and plastic e.g. thermosetting elastomer or polymer.

IPC 8 full level

A47L 9/14 (2006.01)

CPC (source: EP)

A47L 9/1454 (2013.01)

Citation (search report)

- [XD] DE 10209718 A1 20030925 - FATEHPOUR EDISON [DE]
- [E] WO 2007033979 A1 20070329 - VORWERK CO INTERHOLDING [DE], et al
- [AD] WO 0126526 A1 20010419 - VORWERK CO INTERHOLDING [DE], et al
- [A] DE 4415350 A1 19951116 - VORWERK CO INTERHOLDING [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 1849392 A1 20071031; EP 1849392 B1 20081008; AT E410112 T1 20081015; CN 101431930 A 20090513; CN 101431930 B 20120509; DE 502006001748 D1 20081120; DK 1849392 T3 20090119; EP 1875848 A2 20080109; EP 1875848 A3 20080227; ES 2313489 T3 20090301; PL 1849392 T3 20090331

DOCDB simple family (application)

EP 06008560 A 20060425; AT 06008560 T 20060425; CN 200780015065 A 20070423; DE 502006001748 T 20060425; DK 06008560 T 20060425; EP 07020046 A 20060425; ES 06008560 T 20060425; PL 06008560 T 20060425