

Title (en)
Filter device for a vacuum cleaner

Title (de)
Filtereinrichtung für einen Staubsauger

Title (fr)
Dispositif de filtre pour un aspirateur

Publication
EP 2233053 A3 20141105 (DE)

Application
EP 10153968 A 20100218

Priority
DE 102009001754 A 20090323

Abstract (en)
[origin: EP2233053A2] The device (1) has a filter medium (4) connected with a supporting structure by using an injection molding tool, where parallel planes are provided for enclosing surface perpendicular (6) of the filter medium. The filter medium is made from laminar material, and comprises a rectangular section, where the filter device is arranged downstream of a dust separating unit of a vacuum cleaner. Main and auxiliary filter surfaces (10, 12) formed by the filter medium comprise additional material e.g. moisture-absorbing material, and a fixing unit fixes the filter device to the vacuum cleaner.

IPC 8 full level
A47L 9/14 (2006.01); **A47L 9/12** (2006.01)

CPC (source: EP)
A47L 9/122 (2013.01); **A47L 9/14** (2013.01); **A47L 9/1409** (2013.01)

Citation (search report)

- [X] US 2007289088 A1 20071220 - MAYES R MICHAEL [US], et al
- [X] US 2003208999 A1 20031113 - BOYER RUSSELL H [US], et al
- [X] US 2002073663 A1 20020620 - SEPKE ARNOLD L [US], et al

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2233053 A2 20100929; EP 2233053 A3 20141105; EP 2233053 B1 20210929; DE 102009001754 A1 20101007

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