

Title (en)
Filter bag for a vacuum cleaner

Title (de)
Filterbeutel für Staubsauger

Title (fr)
Sac filtrant pour aspirateur

Publication
EP 2044874 A3 20090930 (DE)

Application
EP 08013146 A 20080722

Priority
DE 202007014164 U 20071001

Abstract (en)
[origin: EP2044874A2] The bag has a sealing membrane (5) arranged between a bag wall and a retaining plate (3), where the wall is made of an air-permeable filter material. An inflow opening (2) has a diameter smaller than a connection opening (4), and a support ring (12) is formed by a ring section (13). The membrane is made of flexible foam plastic material that is hardened in a welding area and the plate and is thinner than an output thickness of the membrane. The material is thickened to the thickness in an area forming a sealing ring (6) under drawing of a sealing ring-outer side (9) by the connection opening.

IPC 8 full level
A47L 9/14 (2006.01)

CPC (source: EP)
A47L 9/1436 (2013.01)

Citation (search report)

- [A] EP 0787460 A2 19970806 - BRANOFILTER GMBH [DE]
- [A] DE 102005027078 A1 20070104 - WULBRANDT JAN-ROBERT [DE]
- [A] US 4861357 A 19890829 - GAVIN THOMAS W [US], et al

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AU2017381004B2; US2020390305A1; US11517163B2; EP3560402A1; CN112105280A; RU2753555C1; AU2019259443B2; WO2019206532A1; EP3338610A1; WO2018115269A1; EP3219237A1; WO2017158085A1; US10939788B2; EP3219235A1; WO2017158074A1; US10806316B2; EP3530171A1; WO2019162307A1; US11504662B2; US11602252B2; US11896922B2; EP3219236A1; WO2017158098A1; EP3530170A1; WO2019162424A1; US10905299B2; EP3560402B1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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