

Title (en)

VACUUM CLEANER FILTER BAG WITH FILM IN THE AREA OF THE HOLDING PLATE

Title (de)

STAUBSAUGERFILTERBEUTEL MIT FOLIE IM BEREICH DER HALTEPLATTE

Title (fr)

ÉLÉMENT FILTRANT D'ASPIRATEUR SOUS POURVU DE FEUILLE DANS LA ZONE DE LA PLAQUE DE RETENUE

Publication

EP 3560402 B1 20221207 (DE)

Application

EP 18169777 A 20180427

Priority

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Abstract (en)

[origin: WO2019206532A1] The invention relates to a vacuum cleaner filter bag comprising a bag wall and a holding plate which is connected to the bag wall. The bag wall has a film region in which a plastic film is arranged, and the film region comprises a first sub-region in which the bag wall is formed solely by the plastic film or in which the plastic film forms the outermost layer of the bag wall. The film region comprises a second sub-region in which the plastic film is overlapped by a nonwoven fabric element (3). The holding plate is connected to the plastic film and the nonwoven fabric element (3), in particular the holding plate is welded thereto, and the nonwoven fabric element (3) has at least one part (11, 12) which is connected to the bag wall part surrounding the film region.

IPC 8 full level

A47L 9/14 (2006.01)

CPC (source: EP RU)

A47L 9/1436 (2013.01 - EP); **A47L 9/1481** (2013.01 - RU)

Citation (opposition)

Opponent : **Wolf PVG GmbH & Co. KG**

- EP 2044874 A2 20090408 - BRANOFILTER GMBH [DE]
- DE 202004008971 U1 20040805 - BRANOFILTER GMBH [DE]
- WO 2017098035 A1 20170615 - EUROFILTERS NV [BE]
- EP 1721555 A1 20061115 - MELITTA HAUSHALTSPRODUKTE [DE]
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- EP 1795248 B1 20161012 - MELITTA EUROPA GMBH & CO KG [DE]
- US 2008127832 A1 20080605 - ZHANG YUEJIE [US]
- DE 9110724 U1 19911107
- EP 1695649 A1 20060830 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- GB 651916 A 19510411 - TISSUE PAPERS LTD, et al

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DOCDB simple family (publication)

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