

Title (en)
Bag for a vacuum cleaner

Title (de)
Staubsaugerbeutel

Title (fr)
Sac d'aspirateur

Publication
EP 2489292 A1 20120822 (DE)

Application
EP 12154173 A 20120207

Priority
DE 202011000339 U 20110215

Abstract (en)
The bag (1) has an upper outer wall (2) and a lower outer wall made of filter materials, and an inflow opening (3) formed in the upper outer wall. A tubular structure made of air-permeable materials is arranged in the bag. A through-opening arranged opposite to the inflow opening is provided in a middle region of the bag. The tubular structure is partially fixed on the outer walls. The tubular structure is made of a material with greater air permeability than the outer walls. The through-opening is held by a retaining plate (4).

Abstract (de)
Staubsaugerbeutel (1) mit einer Außenwand (2, 7) aus Filtermaterial, in der eine Einströmöffnung (3) ausgebildet ist, wobei in dem Staubsaugerbeutel (1) ein schlauchförmiges Gebilde (8) aus luftdurchlässigem Material angeordnet ist, dass in einem mittleren Bereich eine der Einströmöffnung (3) gegenüberliegende Durchgangsöffnung (12) aufweist.

IPC 8 full level
A47L 9/14 (2006.01)

CPC (source: EP US)
A47L 9/14 (2013.01 - EP US)

Citation (applicant)
• US 3370405 A 19680227 - FESCO JOHN J
• DE 202006016303 U1 20061221 - WOLF GMBH & CO KG [DE]

Citation (search report)
• [XAY] DE 202006016303 U1 20061221 - WOLF GMBH & CO KG [DE]
• [XAY] DE 102008031988 B3 20090910 - BRANOFILTER GMBH [DE]
• [X] DE 202005021300 U1 20070823 - EUROFILTERS HOLDING NV [BE]
• [XY] WO 2007059939 A1 20070531 - EUROFILTERS HOLDING NV [BE], et al
• [Y] US 5522908 A 19960604 - FREY ROBERT A [US]

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DE102015226056A1; DE102015226056B4; EP3181030A3; US2013055900A1; US2013061566A1; US10178932B2; US10188248B2; EP3181030A2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202011000339 U1 20110414; EP 2489292 A1 20120822; EP 2489292 B1 20150401; US 2012204524 A1 20120816

DOCDB simple family (application)
DE 202011000339 U 20110215; EP 12154173 A 20120207; US 201213397112 A 20120215