

Title (en)

Vacuum cleaner filter bag with filter bag wall connection device

Title (de)

Staubsaugerfilterbeutel mit Filterbeutelwandverbindungseinrichtung

Title (fr)

Sac filtrant d'aspirateur doté d'un dispositif de liaison murale d'un sac filtrant

Publication

EP 2502538 B1 20150923 (DE)

Application

EP 11002353 A 20110322

Priority

EP 11002353 A 20110322

Abstract (en)

[origin: EP2502538A1] The filter bag is made of non-woven fabric, and is designed as disposable filter bag and flat bag having a first filter bag wall (32) and with a second filter bag wall. The surface wrinkles are formed in first filter bag wall. Each surface of fold areas is provided in surface of filter bag wall, such that portions protrude over surface of first filter bag wall. A filter bag wall connecting device such as distance-limiting device (35) is provided inside vacuum cleaner filter bag, to connect first filter bag wall in the region of the surface of fold, with second filter bag wall.

IPC 8 full level

A47L 9/14 (2006.01)

CPC (source: EP)

A47L 9/14 (2013.01)

Citation (opposition)

Opponent : Wolf PVG GmbH & Co. KG

- DE 102008045683 A1 20100311 - BRANOFILTER GMBH [DE]
- DE 102006023707 B3 20080103 - EUROFILTERS NV [BE]
- DE 8506818 U1 19860703
- EP 2366321 A1 20110921 - EUROFILTERS HOLDING NV [BE]
- US 3416721 A 19681217 - FESCO JOHN J

Cited by

EP3811837A1

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

DOCDB simple family (publication)

EP 2502538 A1 20120926; EP 2502538 B1 20150923; DK 2502538 T3 20151207; ES 2549493 T3 20151028; PL 2502538 T3 20160129

DOCDB simple family (application)

EP 11002353 A 20110322; DK 11002353 T 20110322; ES 11002353 T 20110322; PL 11002353 T 20110322