

Title (en)
Vacuum cleaner filter bag

Title (de)
Staubsaugerfilterbeutel

Title (fr)
Sac d'aspirateur

Publication
EP 2311359 B1 20160427 (DE)

Application
EP 09013175 A 20091019

Priority
EP 09013175 A 20091019

Abstract (en)
[origin: EP2311359A1] Vacuum cleaner filter bag (101) comprises a bag wall (104) comprising at least one biodegradable non-woven fabric layer, which is an extrusion non-woven fabric.

IPC 8 full level
A01N 25/34 (2006.01); **A47L 9/12** (2006.01); **A47L 9/14** (2006.01); **C08L 29/04** (2006.01); **D06M 15/03** (2006.01); **D21H 21/36** (2006.01)

CPC (source: EP US)
A47L 9/122 (2013.01 - EP US); **A47L 9/14** (2013.01 - EP US); **A47L 9/1436** (2013.01 - EP US)

Citation (examination)

- EP 1917895 A1 20080507 - EUROFILTERS HOLDING NV [BE]
- DE 202007018376 U1 20080703 - EUROFILTERS HOLDING NV [BE]
- EP 0767263 A1 19970409 - FIBERWEB FRANCE SA [FR]
- EP 1958762 A1 20080820 - WK NATURFASER TECHNOLOGIE GMBH [AT]

Cited by
EP3942986A1; US11441251B2; US10590577B2

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

DOCDB simple family (publication)
EP 2311359 A1 20110420; EP 2311359 B1 20160427; AU 2010310183 A1 20120510; AU 2010310183 B2 20130718; CN 102665517 A 20120912; ES 2574157 T3 20160615; PL 2311359 T3 20161031; RU 2012113636 A 20131127; RU 2524901 C2 20140810; US 2012210684 A1 20120823; WO 2011047764 A1 20110428

DOCDB simple family (application)
EP 09013175 A 20091019; AU 2010310183 A 20100921; CN 201080057862 A 20100921; EP 2010005778 W 20100921; ES 09013175 T 20091019; PL 09013175 T 20091019; RU 2012113636 A 20100921; US 201013501403 A 20100921