

Title (en)
Flat bag for a vacuum cleaner

Title (de)
FLACHBEUTEL FÜR STAUBSAUGER

Title (fr)
Sac plat pour aspirateur

Publication
EP 2442702 B2 20230111 (DE)

Application
EP 10721327 A 20100517

Priority
• EP 2010003018 W 20100517
• EP 09008064 A 20090619
• EP 10721327 A 20100517

Abstract (en)
[origin: EP2263507A1] The flat bag has a bag upper side and bag lower side, whose bag walls are formed from an air permeable filter material, where an inlet opening is introduced in the bag top for the air to be filtered. A diffuser forming an intermediate level is arranged in the interior of the flat bag between the bag upper side and bag lower side, which comprises two single material strips or flat material structures, which have elongated flow openings. The diffuser is connected to a side of the bag wall.

IPC 8 full level
A47L 9/14 (2006.01); **A47L 9/10** (2006.01)

CPC (source: EP US)
A47L 9/102 (2013.01 - EP US); **A47L 9/14** (2013.01 - EP US)

Citation (opposition)
Opponent :
• WO 2007059939 A1 20070531 - EUROFILTERS HOLDING NV [BE], et al
• DE 102008045683 A1 20100311 - BRANOFILTER GMBH [DE]
• US 3370405 A 19680227 - FESCO JOHN J
• EP 2198765 A2 20100623 - WOLF PVG GMBH & CO KG [DE]

Cited by
EP2835087A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2263507 A1 20101222; EP 2263507 B1 20180919; AU 2010262163 A1 20120119; AU 2010262163 B2 20160324; CN 102802484 A 20121128; CN 102802484 B 20160803; DE 202010018626 U1 20190509; DK 2263507 T3 20190114; DK 3195782 T3 20190415; DK 3443880 T3 20210726; EP 2442702 A1 20120425; EP 2442702 B1 20160831; EP 2442702 B2 20230111; EP 3195782 A1 20170726; EP 3195782 B1 20190109; EP 3443880 A1 20190220; EP 3443880 B1 20210512; ES 2595602 T3 20170102; ES 2595602 T5 20230330; ES 2694479 T3 20181221; ES 2716753 T3 20190614; ES 2876248 T3 20211112; PL 2263507 T3 20190228; PL 3195782 T3 20190731; PL 3443880 T3 20211206; US 2012272628 A1 20121101; US 8702828 B2 20140422; WO 2010145740 A1 20101223

DOCDB simple family (application)
EP 09008064 A 20090619; AU 2010262163 A 20100517; CN 201080027292 A 20100517; DE 202010018626 U 20100517; DK 09008064 T 20090619; DK 17160494 T 20090619; DK 18196359 T 20090619; EP 10721327 A 20100517; EP 17160494 A 20090619; EP 18196359 A 20090619; EP 2010003018 W 20100517; ES 09008064 T 20090619; ES 10721327 T 20100517; ES 17160494 T 20090619; ES 18196359 T 20090619; PL 09008064 T 20090619; PL 17160494 T 20090619; PL 18196359 T 20090619; US 201013377668 A 20100517