

Title (en)  
TOBACCO SMOKE FILTER

Title (de)  
TABAKRAUCHFILTER

Title (fr)  
FILTRE À FUMÉE DE TABAC

Publication  
**EP 3632232 A1 20200408 (EN)**

Application  
**EP 19205913 A 20110523**

Priority  
• GB 201008725 A 20100525  
• EP 11722854 A 20110523  
• GB 2011000783 W 20110523

Abstract (en)  
A tobacco smoke filter or filter element including a coherent web comprising a first filter material and a second filter material and, optionally, one or more further filter materials; wherein the first filter material comprises a cellulose acetate tow having a total denier of 44,000 or less and a filament denier of from 2.1 to 8.3 (for example 2.1 to 6.3 or 6.5 to 8.3); and the second filter material comprises a paper.

IPC 8 full level  
**A24D 3/02** (2006.01)

CPC (source: CN EP)  
**A24D 3/02** (2013.01 - EP); **A24D 3/10** (2013.01 - CN)

Citation (search report)  
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• [Y] EP 0366982 A2 19900509 - HERCULES INC [US]  
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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)  
**WO 2011148126 A1 20111201**; CN 102970884 A 20130313; CN 107455795 A 20171212; EP 2575511 A1 20130410; EP 2575511 B1 20191204; EP 3632232 A1 20200408; EP 3632232 B1 20220706; GB 201008725 D0 20100707; HU E047572 T2 20200428; HU E059785 T2 20221228; LT 2575511 T 20200110; LT 3632232 T 20220912; PL 2575511 T3 20200824; PL 3632232 T3 20221024; RU 2012153184 A 20140627; RU 2579705 C2 20160410; TW 201200042 A 20120101; TW I639392 B 20181101

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**GB 2011000783 W 20110523**; CN 201180025921 A 20110523; CN 201710317133 A 20110523; EP 11722854 A 20110523; EP 19205913 A 20110523; GB 201008725 A 20100525; HU E11722854 A 20110523; HU E19205913 A 20110523; LT 11722854 T 20110523; LT 19205913 T 20110523; PL 11722854 T 20110523; PL 19205913 T 20110523; RU 2012153184 A 20110523; TW 100117748 A 20110520