

Title (en)  
TOBACCO SMOKE FILTER

Title (de)  
FILTER FÜR TABAKRAUCH

Title (fr)  
FILTRE POUR FUMÉE DE TABAC

Publication  
**EP 2549896 B1 20190717 (EN)**

Application  
**EP 11712652 A 20110324**

Priority  
• GB 201004976 A 20100324  
• GB 2011000421 W 20110324

Abstract (en)  
[origin: WO2011117584A1] A tobacco smoke filter or filter element comprising an outer wrapper engaged around a single longitudinal extending core of tobacco smoke filtering material, wherein a first end of the outer wrapper is substantially flush with a first end of the core around which it is engaged, and a second end of the outer wrapper extends beyond a second end of the core around which is engaged, to define a cavity at the second end of the filter; the filter or filter element further comprising an additive distanced from the second end of the outer wrapper and/or core.

IPC 8 full level  
**A24D 3/02** (2006.01); **A24D 3/04** (2006.01)

CPC (source: EP KR US)  
**A24D 1/045** (2013.01 - KR); **A24D 3/0291** (2013.01 - EP KR); **A24D 3/048** (2013.01 - EP US); **A24D 3/061** (2013.01 - KR);  
**A24D 3/063** (2013.01 - KR); **A24D 3/10** (2013.01 - KR)

Cited by  
US11324252B2

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 2011117584 A1 20110929**; CN 102905568 A 20130130; CN 105476064 A 20160413; EP 2549896 A1 20130130;  
EP 2549896 B1 20190717; GB 201004976 D0 20100512; HU E045493 T2 20191230; JP 2013521820 A 20130613; JP 2016105718 A 20160616;  
KR 20130007612 A 20130118; LT 2549896 T 20190826; PL 2549896 T3 20200331; RU 2012142714 A 20140427; UA 110107 C2 20151125

DOCDB simple family (application)  
**GB 2011000421 W 20110324**; CN 201180015524 A 20110324; CN 201510804288 A 20110324; EP 11712652 A 20110324;  
GB 201004976 A 20100324; HU E11712652 A 20110324; JP 2013500578 A 20110324; JP 2016006257 A 20160115;  
KR 20127026952 A 20110324; LT 11712652 T 20110324; PL 11712652 T 20110324; RU 2012142714 A 20110324; UA A201211499 A 20110324