

Title (en)
TOBACCO SMOKE FILTER

Title (de)
FILTER FÜR TABAKRAUCH

Title (fr)
FILTRE À FUMÉE DE TABAC

Publication
EP 2621294 B1 20190522 (EN)

Application
EP 11767741 A 20110927

Priority
• GB 201016387 A 20100929
• GB 2011001398 W 20110927

Abstract (en)
[origin: WO2012042199A1] A tobacco smoke filter or filter element comprising: a longitudinally extending core of tobacco smoke filtering material including an additive spaced longitudinally from a first end of the core; a first wrapper around the core; and a second wrapper around the first wrapper; the first wrapper defining at least with (e.g. between itself and) the second wrapper at least one channel (e.g. 5 to 23 channels) extending longitudinally of the filter from at least one end thereof.

IPC 8 full level
A24D 3/04 (2006.01)

CPC (source: EP KR US)
A24D 3/043 (2013.01 - EP US); **A24D 3/048** (2013.01 - EP US); **A24D 3/063** (2013.01 - KR); **A24D 3/10** (2013.01 - KR);
A24D 3/12 (2013.01 - KR); **A24D 3/163** (2013.01 - KR)

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 2012042199 A1 20120405; CN 103281919 A 20130904; CN 103281919 B 20160302; EP 2621294 A1 20130807; EP 2621294 B1 20190522; GB 201016387 D0 20101110; HU E045486 T2 20191230; JP 2013538580 A 20131017; JP 6462212 B2 20190130; KR 101987886 B1 20190611; KR 20130139266 A 20131220; LT 2621294 T 20190826; PL 2621294 T3 20191129; RU 2013114719 A 20141110; RU 2603597 C2 20161127; TW 201216873 A 20120501; TW I589233 B 20170701

DOCDB simple family (application)
GB 2011001398 W 20110927; CN 201180047524 A 20110927; EP 11767741 A 20110927; GB 201016387 A 20100929; HU E11767741 A 20110927; JP 2013530790 A 20110927; KR 20137009322 A 20110927; LT 11767741 T 20110927; PL 11767741 T 20110927; RU 2013114719 A 20110927; TW 100134708 A 20110927