

Title (en)
TOBACCO SMOKE FILTER

Title (de)
FILTER FÜR TABAKRAUCH

Title (fr)
FILTRE DE FUMÉE DE TABAC

Publication
EP 2247206 B1 20121226 (EN)

Application
EP 09703354 A 20090123

Priority

- GB 2009000215 W 20090123
- GB 0801246 A 20080123
- GB 0822366 A 20081208

Abstract (en)
[origin: WO2009093051A2] A tobacco smoke filter or filter element comprising a cylindrical plug of a substantially homogeneous filtering material of circumference between 14.0 and 23.2 mm, wherein the substantially homogeneous filtering material comprises a plurality of randomly oriented staple fibres.

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

CPC (source: EP KR US)
A24D 3/0208 (2013.01 - EP KR US); **A24D 3/04** (2013.01 - EP US); **A24D 3/063** (2013.01 - KR); **A24D 3/10** (2013.01 - KR)

Citation (examination)

- DE 4332019 A1 19950323 - REEMTSMA H F & PH [DE]
- DE 3616080 C2 19901206
- EP 1014813 A1 20000705 - REEMTSMA H F & PH [DE]

Cited by
US8967155B2

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 TR

DOCDB simple family (publication)
WO 2009093051 A2 20090730; WO 2009093051 A3 20091015; BR PI0906555 A2 20150707; BR PI0906555 B1 20190903; CA 2712794 A1 20090730; CA 2712794 C 20161101; CN 101938918 A 20110105; CN 101938918 B 20130717; EP 2247206 A2 20101110; EP 2247206 B1 20121226; JP 2011509682 A 20110331; JP 5491413 B2 20140514; KR 101765733 B1 20170807; KR 20100107505 A 20101005; MX 2010007986 A 20100806; PL 2247206 T3 20130430; RU 2010134016 A 20120227; RU 2504309 C2 20140120; TW 200936065 A 20090901; US 2011023900 A1 20110203

DOCDB simple family (application)
GB 2009000215 W 20090123; BR PI0906555 A 20090123; CA 2712794 A 20090123; CN 200980102882 A 20090123; EP 09703354 A 20090123; JP 2010543576 A 20090123; KR 20107018551 A 20090123; MX 2010007986 A 20090123; PL 09703354 T 20090123; RU 2010134016 A 20090123; TW 98102158 A 20090121; US 73551509 A 20090123