

Title (en)
A FILTER FOR A SMOKING ARTICLE

Title (de)
FILTER FÜR RAUCHARTIKEL

Title (fr)
FILTRE POUR UN ARTICLE À FUMER

Publication
EP 2914137 B1 20181205 (EN)

Application
EP 13783656 A 20131029

Priority
• GB 201219540 A 20121031
• GB 2013052813 W 20131029

Abstract (en)
[origin: WO2014068295A1] A filter for a smoking article has a first filter section comprising a filter material and a smoke modifying additive disposed in an axial region thereof and a second filter section connected to the first filter section and having at least one channel located in an axial region thereof for directing smoke, in use, through the axial region of the first filter section. The smoke modifying additive can comprise a flavourant such as menthol and the second filter section can comprise a tubular section of fibrous filter material. An adsorbent filter section can also be provided.

IPC 8 full level
A24D 3/04 (2006.01)

CPC (source: CN EP KR RU US)
A24D 1/002 (2013.01 - CN EP KR US); **A24D 1/02** (2013.01 - CN EP KR US); **A24D 3/04** (2013.01 - CN EP KR US);
A24D 3/048 (2013.01 - CN EP KR US); **A24D 3/061** (2013.01 - CN EP KR US); **A24D 3/04** (2013.01 - RU)

Citation (opposition)
Opponent : JT International S.A.
• WO 2012123702 A1 20120920 - FILTRONA FILTER PROD DEV CO [SG], et al
• WO 2006059134 A1 20060608 - FILTRONA INT LTD [GB], et al
• US 5190061 A 19930302 - BRACKMANN WARREN A [CA], et al
• WO 2011121325 A1 20111006 - BRITISH AMERICAN TOBACCO CO [GB], et al
• WO 2011000639 A1 20110106 - BRITISH AMERICAN TOBACCO CO [GB], et al
• WO 2011117584 A1 20110929 - FILTRONA INT LTD [GB], et al
• US 2002166563 A1 20021114 - JUPE RICHARD [US], et al
• WO 2006082529 A2 20060810 - PHILIP MORRIS PROD [CH]
• US 4583560 A 19860422 - SAKAI TAKASHI [JP], et al
• EP 2213185 A1 20100804 - REYNOLDS TOBACCO CO R [US]
• GB 2203324 A 19881019 - CIGARETTE COMPONENTS LTD
• WO 2008074977 A1 20080626 - BRITISH AMERICAN TOBACCO CO [GB], et al
• CN 202005243 U 20111012 - NANTONG CIGARETTE FILTER CO, et al
• JP H06169743 A 19940621 - MITSUBISHI RAYON CO
• JP H0838144 A 19960213 - MITSUBISHI RAYON CO
• US 3860011 A 19750114 - NORMAN VELLO
• WO 2013034488 A2 20130314 - PHILIP MORRIS PROD [CH], et al
• WO 2012012152 A1 20120126 - REYNOLDS TOBACCO CO R [US], et al
Opponent : Philip Morris Products S.A.
• WO 2013000967 A1 20130103 - BRITISH AMERICAN TOBACCO CO [GB], et al
Opponent : Philip Morris Products, S.A.
• EP 0453299 A1 19911023 - ROTHMANS BENSON & HEDGES [CA], et al
• US 2002166563 A1 20021114 - JUPE RICHARD [US], et al
• US 2012255569 A1 20121011 - BEARD KENNETH ALLEN [US], et al
• EP 2213185 A1 20100804 - REYNOLDS TOBACCO CO R [US]
• WO 2008074977 A1 20080626 - BRITISH AMERICAN TOBACCO CO [GB], et al
• US 2010294290 A1 20101125 - ZHANG WENHUI [CN]
• WO 2011000639 A1 20110106 - BRITISH AMERICAN TOBACCO CO [GB], et al
• EP 1341424 B1 20070801 - REEMTSMA H F & PH [DE]
• WO 2014023557 A1 20140213 - PHILIP MORRIS PROD [CH]
• EP 12179437 A 20120806
• EP 0658320 A2 19950621 - ROTHMANS INTERNATIONAL LTD [GB]
• US 2008017206 A1 20080124 - BECKER ULRIKE [US], et al
• WO 2007110650 A1 20071004 - PHILIP MORRIS PROD [CH], et al
• US 2008216853 A1 20080911 - LI SAN [US], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2014068295 A1 20140508; AR 093294 A1 20150527; AU 2013340588 A1 20150514; AU 2013340588 B2 20160128;
BR 112015009443 A2 20170704; BR 112015009443 B1 20211116; BR 122021013385 B1 20220222; CA 2888967 A1 20140508;
CA 2888967 C 20210608; CA 3116933 A1 20140508; CL 2015001125 A1 20151002; CN 104869854 A 20150826; CN 113439872 A 20210928;
DK 2914137 T3 20190401; EP 2914137 A1 20150909; EP 2914137 B1 20181205; ES 2712943 T3 20190516; GB 201219540 D0 20121212;
HK 1208601 A1 20160311; HU E041761 T2 20190528; JP 2014090720 A 20140519; JP 3219297 U 20181213; KR 102219760 B1 20210223;
KR 102273017 B1 20210702; KR 102454343 B1 20221012; KR 20150076216 A 20150706; KR 20190117816 A 20191016;
KR 20200110479 A 20200923; KR 20210082568 A 20210705; KR 20210096319 A 20210804; MX 2015005386 A 20150721;
MY 178585 A 20201016; PH 12015500947 A1 20150706; PL 2914137 T3 20190531; RU 143582 U1 20140727; RU 2015120461 A 20161220;

RU 2635971 C2 20171117; TR 201903110 T4 20190321; UA 115998 C2 20180125; UA 97502 U 20150325; UA 98840 U 20150512; UA 98841 U 20150512; US 2015296878 A1 20151022; US 2021030057 A1 20210204; US 2021045436 A1 20210218

DOCDB simple family (application)

GB 2013052813 W 20131029; AR P130103961 A 20131030; AU 2013340588 A 20131029; BR 112015009443 A 20131029; BR 122021013385 A 20131029; CA 2888967 A 20131029; CA 3116933 A 20131029; CL 2015001125 A 20150429; CN 201380069516 A 20131029; CN 202110799418 A 20131029; DK 13783656 T 20131029; EP 13783656 A 20131029; ES 13783656 T 20131029; GB 201219540 A 20121031; HK 15109303 A 20150923; HU E13783656 A 20131029; JP 2013223828 A 20131029; JP 2018003793 U 20181001; KR 20157013289 A 20131029; KR 20197029618 A 20131029; KR 20207026777 A 20131029; KR 20217020156 A 20131029; KR 20217023897 A 20131029; MX 2015005386 A 20131029; MY PI2015701321 A 20131029; PH 12015500947 A 20150428; PL 13783656 T 20131029; RU 2013148377 U 20131030; RU 2015120461 A 20131029; TR 201903110 T 20131029; UA A201505095 A 20131029; UA U201312688 U 20131030; UA U201412383 U 20131030; UA U201412384 U 20131030; US 201314440040 A 20131029; US 202017011147 A 20200903; US 202017011409 A 20200903