

Title (en)
SMOKE FILTERS FOR SMOKING DEVICES WITH POROUS MASSES HAVING A CARBON PARTICLE LOADING AND AN ENCAPSULATED PRESSURE DROP

Title (de)
RAUCHFILTER FÜR RAUCHVORRICHTUNGEN MIT PORÖSEN MASSES MIT EINER KOHLENSTOFFPARTIKELLADUNG UND EINEM EINGEKAPSELTEN DRUCKABBAU

Title (fr)
FILTRE À FUMÉE POUR DISPOSITIFS À FUMER COMPORTANT DES MASSES POREUSES AYANT UNE CHARGE DE PARTICULES DE CARBONE ET UNE CHUTE DE PRESSION ENCAPSULÉE

Publication
EP 2629633 A4 20140416 (EN)

Application
EP 11834774 A 20110715

Priority
• US 2011043269 W 20110707
• US 39021110 P 20101006
• US 39021310 P 20101006
• US 98190910 A 20101230
• US 2011020013 W 20110103
• US 201161504023 P 20110701
• US 2011044142 W 20110715

Abstract (en)
[origin: WO2012054111A1] Disclosed are filters, smoking devices, related articles and apparatus, and related methods. The filters include porous masses that have an active particle and a binder particle, wherein the active particle comprises carbon and the porous mass has a carbon loading of at least about 6 mg/mm and an encapsulated pressure drop of about 20 mm of water or less per mm of porous mass.

IPC 8 full level
A24B 15/28 (2006.01); **A24D 3/06** (2006.01); **A24D 3/08** (2006.01); **A24D 3/16** (2006.01)

CPC (source: EP KR)
A24B 15/286 (2013.01 - EP KR); **A24D 3/0216** (2013.01 - KR); **A24D 3/061** (2013.01 - KR); **A24D 3/066** (2013.01 - EP KR); **A24D 3/16** (2013.01 - EP); **A24D 3/163** (2013.01 - KR)

Citation (search report)
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Citation (examination)
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• CELANESE ACETATE ET AL: "Written Argument", 8 February 2016 (2016-02-08), XP055565800, Retrieved from the Internet <URL:Dossier inspection> [retrieved on 20190307]
• See also references of WO 2012054111A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2012054111 A1 20120426; BR 112013008364 A2 20160614; BR 122013013917 A2 20190806; CN 103209606 A 20130717; EA 025010 B1 20161130; EA 027288 B1 20170731; EA 201300833 A1 20140331; EA 201390508 A1 20140331; EP 2629633 A1 20130828; EP 2629633 A4 20140416; EP 2636319 A2 20130911; EP 2636319 A3 20140312; JP 2014509833 A 20140424; JP 5901641 B2 20160413; KR 101520198 B1 20150513; KR 20130101076 A 20130912; MX 2013003940 A 20130628; MX 342775 B 20161011; PH 12013501245 A1 20200203; SG 10201501526W A 20150429; SG 189267 A1 20130531

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US 2011044142 W 20110715; BR 112013008364 A 20110715; BR 122013013917 A 20110715; CN 201180054836 A 20110715; EA 201300833 A 20110715; EA 201390508 A 20110715; EP 11834774 A 20110715; EP 13168042 A 20110715; JP 2013532798 A 20110715; KR 20137011521 A 20110715; MX 2013003940 A 20110715; PH 12013501245 A 20130614; SG 10201501526W A 20110715; SG 2013025192 A 20110715