

Title (en)

Smoke filters for smoking devices with porous masses having a carbon particle loading and an encapsulated pressure drop

Title (de)

Rauchfilter zum Rauchen Vorrichtungen mit Poröse Massen mit Kohlenfaserverstärkter Laden teilchen und vergossenes druckverlust

Title (fr)

Filtres à fumée pour dispositifs à fumer avec des masses poreuses ayant une charge de particules de carbone et chute de pression encapsulée

Publication

**EP 2636319 A3 20140312 (EN)**

Application

**EP 13168042 A 20110715**

Priority

- US 39021110 P 20101006
- US 39021310 P 20101006
- US 98190910 A 20101230
- US 2011020013 W 20110103
- US 201161504023 P 20110701
- US 2011043269 W 20110707
- EP 11834774 A 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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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

Designated extension state (EPC)

BA ME

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

DOCDB simple family (application)

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