

Title (en)
METHODS OF PRODUCING FILTERS AND FILTER RODS COMPRISING POROUS MASSES AND ARTICLES RELATING THERETO

Title (de)
VERFAHREN ZUR HERSTELLUNG VON FILTERN UND FILTERSTÄBEN MIT PORÖSEN MASSEN UND ARTIKEL IN ZUSAMMENHANG DAMIT

Title (fr)
PROCÉDÉS DE PRODUCTION DE FILTRES ET DE TIGES DE FILTRES COMPRENNANT DES MASSES POREUSES ET ARTICLES CORRESPONDANTS

Publication
EP 2879530 A4 20160622 (EN)

Application
EP 13825032 A 20130731

Priority

- US 201261678335 P 20120801
- US 2013052993 W 20130731

Abstract (en)
[origin: US2014034072A1] Porous masses that comprise a plurality of active particles and binder particles bound together at a plurality of sintered contact points may be useful in filters, including articles (like smoking devices) and methods relating thereto. The production of such filters may involve the production of filter rods that involves forming a desired abutting configuration that comprises a plurality of sections, the plurality of sections comprising at least one porous mass section and at least one other filter section; securing the desired abutting configuration so as to yield a segmented filter rod length; and cutting the segmented filter rod length into segmented filter rods, wherein the steps of forming, securing, and cutting are performed so as to produce the segmented filter rods at a rate of about 25 m/min or greater.

IPC 8 full level
A24D 3/00 (2006.01); **A24D 3/02** (2006.01); **A24D 3/17** (2020.01)

CPC (source: CN EP US)
A24D 3/0229 (2013.01 - CN EP US); **A24D 3/04** (2013.01 - CN EP US); **A24D 3/066** (2013.01 - CN EP US); **A24D 3/17** (2020.01 - EP US)

Citation (search report)

- [X] US 2008302373 A1 20081211 - STOKES CYNTHIA STEWART [US], et al
- See references of WO 2014022544A1

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)

US 2014034072 A1 20140206; BR 112014028707 A2 20170627; CA 2872287 A1 20140206; CL 2014003519 A1 20150612;
CN 104394719 A 20150304; CO 7160101 A2 20150115; EA 201492159 A1 20150529; EP 2879530 A1 20150610; EP 2879530 A4 20160622;
JP 2015521488 A 20150730; JP 6058797 B2 20170111; KR 20150016556 A 20150212; MX 2014014809 A 20150212;
SG 11201407571V A 20150330; WO 2014022544 A1 20140206

DOCDB simple family (application)

US 201313955979 A 20130731; BR 112014028707 A 20130731; CA 2872287 A 20130731; CL 2014003519 A 20141224;
CN 201380031708 A 20130731; CO 14284274 A 20141226; EA 201492159 A 20130731; EP 13825032 A 20130731; JP 2015520720 A 20130731;
KR 20147034568 A 20130731; MX 2014014809 A 20130731; SG 11201407571V A 20130731; US 2013052993 W 20130731