Title (en)

SMOKING ARTICLE COMPRISING A COMBUSTIBLE HEAT SOURCE WITH AT LEAST ONE AIRFLOW CHANNEL

Title (de)

RAUCHARTIKEL MIT EINER BRENNBAREN WÄRMEQUELLE MIT MINDESTENS EINEM LUFTSTROMKANAL

Title (fr)

ARTICLE À FUMER COMPRENANT UNE SOURCE DE CHALEUR COMBUSTIBLE AVEC AU MOINS UN CANAL DE CIRCULATION D'AIR

Publication

EP 3032973 B1 20171018 (EN)

Application

EP 14755612 A 20140812

Priority

- EP 13180304 A 20130813
- EP 2014067235 W 20140812
- EP 14755612 A 20140812

Abstract (en)

[origin: WO2015022319A1] A smoking article (2, 34, 38, 42, 44, 48) comprises: a combustible heat source (4) having opposed front (6) and rear faces (8); one or more airflow channels (18) extending from the front face (6) to the rear face (8) of the combustible heat source (4); an aerosol-forming substrate (10) downstream of the rear face (8) of the combustible heat source (4); a mouthpiece (14) downstream of the aerosol-forming substrate (10); and one or more air inlets (32, 36) located downstream of the rear face (8) of the combustible heat source (4) and upstream of the mouthpiece (14). The one or more air inlets (32, 36) are located between the rear face (8) of the combustible heat source (4) and a downstream end of the aerosol-forming substrate (10). In use, air drawn through the aerosol-forming substrate (10) enters the smoking article (2, 34, 38, 42, 44, 48) through the one or more airflow channels (18) and the one or more air inlets (32, 36) and at least some of the air drawn through the aerosol-forming substrate (10) comes into direct contact with a combustible portion of the combustible heat source (4).

IPC 8 full level

A24D 1/22 (2020.01)

CPC (source: EP RU US)

A24D 1/002 (2013.01 - EP US); **A24D 1/027** (2013.01 - EP US); **A24D 1/08** (2013.01 - EP US); **A24D 1/22** (2020.01 - EP US); **A24F 47/00** (2013.01 - RU)

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)

WO 2015022319 A1 20150219; AR 097313 A1 20160302; AU 2014307960 A1 20151203; AU 2014307960 B2 20181004; BR 112016000830 A2 20170725; BR 112016000830 B1 20210928; CA 2920713 A1 20150219; CN 105451581 A 20160330; CN 113142656 A 20210723; EP 3032973 A1 20160622; EP 3032973 B1 20171018; ES 2645727 T3 20171207; HK 1219844 A1 20170421; IL 242332 B 20191128; JP 2016527893 A 20160915; JP 6580043 B2 20190925; KR 102500004 B1 20230215; KR 20160041896 A 20160418; MX 2016001964 A 20160526; MX 367874 B 20190910; MY 185779 A 20210607; PH 12015502488 A1 20160222; PH 12015502488 B1 20160222; PL 3032973 T3 20180131; PT 3032973 T 20171115; RU 2016108787 A 20170918; RU 2672007 C2 20181108; SG 11201600976T A 20160330; TW 201511693 A 20150401; TW I657751 B 20190501; UA 118677 C2 20190225; US 2016135495 A1 20160519; ZA 201507984 B 20170222

DOCDB simple family (application)

EP 2014067235 W 20140812; AR P140103019 A 20140812; AU 2014307960 A 20140812; BR 112016000830 A 20140812; CA 2920713 A 20140812; CN 201480041299 A 20140812; CN 202110033311 A 20140812; EP 14755612 A 20140812; ES 14755612 T 20140812; HK 16107970 A 20160707; IL 24233215 A 20151029; JP 2016533904 A 20140812; KR 20167000529 A 20140812; MX 2016001964 A 20140812; MY PI2016700183 A 20140812; PH 12015502488 A 20151029; PL 14755612 T 20140812; PT 14755612 T 20140812; RU 2016108787 A 20140812; SG 11201600976T A 20140812; TW 103127592 A 20140812; UA A201600280 A 20140812; US 201414896862 A 20140812; ZA 201507984 A 20151027