

Title (en)

AEROSOL-GENERATING ARTICLE HAVING MOUTHPIECE WITH UPSTREAM CAVITY

Title (de)

AEROSOLERZEUGUNGSARTIKEL MIT MUNDSTÜCK MIT VORGELAGERTEM HOHLRAUM

Title (fr)

ARTICLE DE GÉNÉRATION D'AÉROSOL COMPORTANT UN EMBOUT BUCCAL AYANT UNE CAVITÉ EN AMONT

Publication

EP 4005406 A1 20220601 (EN)

Application

EP 21215982 A 20181127

Priority

- EP 17204767 A 20171130
- EP 18807089 A 20181127
- EP 2018082734 W 20181127

Abstract (en)

An aerosol-generating article (10) comprises: an aerosol-generating substrate (12); and a mouthpiece (14) in axial alignment with the aerosol-generating substrate (12), the mouthpiece comprising an additive segment (18) of filtration material comprising one or more breakable capsules (22), each breakable capsule (22) comprising an outer shell and an inner core containing an additive. The additive segment (18) of filtration material is spaced downstream from the aerosol-generating substrate (12) to define an upstream cavity (24) between the aerosol-generating substrate (12) and the additive segment (18) of filtration material, wherein the upstream cavity is substantially unfilled. A wrapper (26) circumscribes the additive segment (18) of filtration material and the upstream cavity (24).

IPC 8 full level

A24D 3/06 (2006.01); **A24D 3/04** (2006.01)

CPC (source: EP IL KR US)

A24D 1/20 (2020.01 - US); **A24D 3/048** (2013.01 - EP IL KR US); **A24D 3/061** (2013.01 - EP IL KR US); **A24D 3/17** (2020.01 - US); **A24D 3/18** (2013.01 - US); **A24F 40/20** (2020.01 - US); **A24F 40/40** (2020.01 - KR)

Citation (applicant)

US 6426089 B1 20020730 - SUNOHARA HIDEKI [JP], et al

Citation (search report)

- [IY] US 2015296878 A1 20151022 - MUCALO LANCE [GB], et al
- [Y] US 8459271 B2 20130611 - INAGAKI MICHIIHIRO [JP]
- [A] WO 2017198876 A1 20171123 - BRITISH AMERICAN TOBACCO INVESTMENTS LTD [GB]

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 2019105950 A1 20190606; AR 113584 A1 20200520; AU 2018377970 A1 20200409; AU 2018377970 B2 20240307; BR 112020008551 A2 20201020; CA 3084423 A1 20190606; CN 111343875 A 20200626; EP 3675660 A1 20200708; EP 3675660 B1 20220105; EP 4005406 A1 20220601; ES 2905967 T3 20220412; HU E057376 T2 20220528; IL 274739 A 20200730; JP 2021503882 A 20210215; JP 2024010229 A 20240123; KR 20200092949 A 20200804; MX 2020005025 A 20200813; PH 12020550817 A1 20210705; PL 3675660 T3 20220425; RU 2020121413 A 20211230; RU 2020121413 A3 20211230; UA 127682 C2 20231129; US 2020281260 A1 20200910; ZA 202001704 B 20210728

DOCDB simple family (application)

EP 2018082734 W 20181127; AR P180103470 A 20181127; AU 2018377970 A 20181127; BR 112020008551 A 20181127; CA 3084423 A 20181127; CN 201880073378 A 20181127; EP 18807089 A 20181127; EP 21215982 A 20181127; ES 18807089 T 20181127; HU E18807089 A 20181127; IL 27473920 A 20200518; JP 2020523978 A 20181127; JP 2023192055 A 20231110; KR 20207013780 A 20181127; MX 2020005025 A 20181127; PH 12020550817 A 20200530; PL 18807089 T 20181127; RU 2020121413 A 20181127; UA A202002057 A 20181127; US 201816753852 A 20181127; ZA 202001704 A 20200318