

Title (en)

AEROSOL-GENERATING ARTICLE HAVING A PLURALITY OF AIR INGRESS ZONES

Title (de)

AEROSOLERZEUGUNGSARTIKEL MIT EINER VIELZAHL VON LUFTEINTRITTSZONEN

Title (fr)

ARTICLE DE GÉNÉRATION D'AÉROSOL AYANT UNE PLURALITÉ DE ZONES D'ENTRÉE D'AIR

Publication

EP 4117467 A1 20230118 (EN)

Application

EP 21711245 A 20210312

Priority

- EP 20162840 A 20200312
- EP 2021056420 W 20210312

Abstract (en)

[origin: WO2021180968A1] There is provided an aerosol-generating article (1) for producing an aerosol upon heating. The aerosol-generating article comprises a rod of aerosol-forming substrate (12) and a filter positioned downstream of the rod of aerosol-forming substrate. The rod of aerosol-forming substrate and the filter are assembled within a wrapper (22). The aerosol-generating article comprises first and second air ingress zones (15, 115) located on the wrapper. The first and second air ingress zones are each configured to allow the ingress of air into the interior of the aerosol-generating article. The first air ingress zone is located at a first position along the aerosol-generating article and the second air ingress zone is located at a second position along the aerosol-generating article. There is also provided an aerosol-generating system (100) comprising the aerosol-generating article and an aerosol-generating device (10).

IPC 8 full level

A24D 1/20 (2020.01); **A24F 40/485** (2020.01)

CPC (source: EP KR US)

A24C 5/1885 (2013.01 - KR); **A24D 1/027** (2013.01 - KR); **A24D 1/04** (2013.01 - KR); **A24D 1/20** (2020.01 - EP KR US); **A24D 3/0279** (2013.01 - KR); **A24D 3/043** (2013.01 - KR US); **A24D 3/17** (2020.01 - US); **A24F 40/10** (2020.01 - US); **A24F 40/46** (2020.01 - KR); **A24F 40/485** (2020.01 - EP KR US); **A24F 40/20** (2020.01 - EP KR US); **A24F 40/46** (2020.01 - US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2021180968 A1 20210916; BR 112022017814 A2 20221025; CN 115334911 A 20221111; EP 4117467 A1 20230118; EP 4117467 B1 20240501; EP 4117467 C0 20240501; JP 2023517068 A 20230421; KR 20220154136 A 20221121; US 2023112166 A1 20230413

DOCDB simple family (application)

EP 2021056420 W 20210312; BR 112022017814 A 20210312; CN 202180020235 A 20210312; EP 21711245 A 20210312; JP 2022554195 A 20210312; KR 20227034411 A 20210312; US 202117905738 A 20210312