

Title (en)

AEROSOL-GENERATING DEVICE WITH SPANNING STOPPER

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG MIT SPANNENDEN STOPFEN

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL MUNI D'UN BOUCHON DE RECOUVREMENT

Publication

EP 4333654 A1 20240313 (EN)

Application

EP 22726091 A 20220428

Priority

- EP 21171943 A 20210504
- EP 2022061336 W 20220428

Abstract (en)

[origin: WO2022233701A1] The invention relates to an aerosol-generating device (10) that comprises a cavity (14) for receiving an aerosol-generating article. The aerosol-generating article (16) comprises an aerosol-forming substrate. The device comprises a heating element (20) arranged at least partly surrounding the cavity. The device further comprises a stopper (18). The stopper is arranged at a distal portion or distal of the cavity. The stopper is configured to stop the aerosol-generating article, when the aerosol-generating article contacts the stopper. The stopper is arranged transversally spanning the distal portion of the cavity. The stopper is arranged such that air can flow from distal of the stopper around the stopper into the cavity. The invention further relates to an aerosol generating system comprising an aerosol-generating device and an aerosol generating article comprising aerosol-forming substrate.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP KR US)

A24F 40/20 (2020.01 - KR US); **A24F 40/40** (2020.01 - EP KR US); **A24F 40/42** (2020.01 - KR); **A24F 40/46** (2020.01 - KR); **A24F 40/48** (2020.01 - KR); **A24F 40/50** (2020.01 - KR); **A24F 40/53** (2020.01 - KR); **A24F 40/20** (2020.01 - EP)

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 2022233701 A1 20221110; CN 117177679 A 20231205; EP 4333654 A1 20240313; JP 2024517447 A 20240422; KR 20240004414 A 20240111; US 2024237717 A1 20240718

DOCDB simple family (application)

EP 2022061336 W 20220428; CN 202280029162 A 20220428; EP 22726091 A 20220428; JP 2023567949 A 20220428; KR 20237037505 A 20220428; US 202218558637 A 20220428