

Title (en)

AEROSOL GENERATION DEVICE HAVING A BAFFLE

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG MIT EINER ABLENKPLATTE

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL COMPORTANT UN DÉFLECTEUR

Publication

EP 4069015 A1 20221012 (EN)

Application

EP 20812393 A 20201202

Priority

- EP 19213299 A 20191203
- EP 2020084330 W 20201202

Abstract (en)

[origin: WO2021110778A1] An aerosol generation device (100) comprises a heating chamber (108) having a tubular wall (114) extending around a central axis X the tubular wall defining an interior volume of the heating chamber (108). The heating chamber (108) has an open end (110) and is arranged to receive a substrate carrier (130) comprising an aerosol substrate (132) through the open end (110) into the interior volume of the heating chamber (108) along the central axis X. A heater (118) extends around the heating chamber (108) to supply heat to the heating chamber (108). The heating chamber 108 also comprises a baffle (142) having a sealing surface (143) facing out of the open end (110). The baffle (142) is arranged to deform such that the sealing surface (143) is deflected to face more towards the central axis X and hence towards a side wall of the substrate carrier (130) when the substrate carrier (130) is inserted into the heating chamber (108).

IPC 8 full level

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

CPC (source: EP)

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

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See references of WO 2021110778A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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