

Title (en)
AEROSOL GENERATING DEVICE

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication
EP 4185136 A1 20230531 (EN)

Application
EP 21743207 A 20210721

Priority
• EP 20186970 A 20200721
• EP 2021070335 W 20210721

Abstract (en)
[origin: WO2022018118A1] An aerosol generating device comprises: a tubular heating chamber comprising an opening arranged to receive a consumable; a heater comprising a heating region which extends over a portion of the total length of the tubular heating chamber, the heating region comprising a first end closest to the opening and an opposing second end; an elongate consumable arranged to be received such that it lies along the length of the heating chamber, the consumable comprising an aerosol substrate which extends over a portion of the total length of the consumable, wherein the length of the aerosol substrate is greater than the length of the heating region; and wherein the heating chamber and consumable are configured such that, when the consumable is received within the heating chamber, the first end of the heating region is aligned with a first end of the aerosol substrate such that the second end of the aerosol substrate extends beyond the second end of the heating region. By configuring the heating chamber and consumable in this manner, the consumable may be efficiently heated during use.

IPC 8 full level
A24F 40/20 (2020.01)

CPC (source: EP US)
A24F 40/20 (2020.01 - EP); **A24F 40/42** (2020.01 - US); **A24F 40/46** (2020.01 - US); **A24F 40/485** (2020.01 - US)

Citation (search report)
See references of WO 2022018118A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022018118 A1 20220127; CN 116157030 A 20230523; EP 4185136 A1 20230531; JP 2023534114 A 20230808; KR 20230042042 A 20230327; US 2023255265 A1 20230817

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