

Title (en)

AEROSOL GENERATING DEVICES AND INDUCTION HEATING ASSEMBLIES THEREFOR

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNGEN UND INDUKTIONSHEIZANORDNUNGEN DAFÜR

Title (fr)

DISPOSITIFS DE GÉNÉRATION D'AÉROSOL ET ENSEMBLES DE CHAUFFAGE PAR INDUCTION ASSOCIÉS

Publication

EP 4364595 A1 20240508 (EN)

Application

EP 23207489 A 20231102

Priority

EP 22205102 A 20221102

Abstract (en)

An aerosol generating system (16) comprising: an aerosol generation device (18) comprising a region arranged for receiving a consumable comprising an aerosol-forming substance (20), an induction heating assembly (14) comprising an induction coil (22) and a susceptor (60", 80, 110), said susceptor having a footprint (100), the induction heating assembly being configured to heat said aerosol-forming substance in the consumable to generate an aerosol that may be inhaled by a user, wherein the susceptor comprises at least one out of plane structure (64) that forms one or more airflow deflection features shaped to control an airflow path around said aerosol-forming substrate.

IPC 8 full level

A24F 40/465 (2020.01); **A24C 5/01** (2020.01); **A24D 1/20** (2020.01); **A24F 40/20** (2020.01); **A24F 40/70** (2020.01)

CPC (source: EP)

A24F 40/465 (2020.01); **A24C 5/01** (2020.01); **A24D 1/20** (2020.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01); **A24F 40/70** (2020.01)

Citation (search report)

- [X1] WO 2022112112 A1 20220602 - PHILIP MORRIS PRODUCTS SA [CH]
- [X1] US 2020054068 A1 20200220 - BLANDINO THOMAS P [US], et al
- [X1] WO 2022167283 A1 20220811 - JT INT SA [CH]
- [X1] US 2022295894 A1 20220922 - BATISTA RUI NUNO [CH], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

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DOCDB simple family (publication)

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