

Title (en)

AEROSOL GENERATION DEVICE WITH COMB-SHAPED ELECTRODES

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG MIT KAMMFÖRMIGEN ELEKTRODEN

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL À ÉLECTRODES EN FORME DE PEIGNE

Publication

**EP 4312620 A1 20240207 (EN)**

Application

**EP 22719578 A 20220330**

Priority

- EP 21165864 A 20210330
- EP 2022058476 W 20220330

Abstract (en)

[origin: WO2022207743A1] An aerosol generation device configured to generate an aerosol from a consumable comprising an aerosol substrate and a heating element comprising an electrically conductive material. The aerosol generation device comprises: a housing comprising a chamber adapted to hold the consumable; and an electrical supply surface comprising first and second comb-shaped electrodes, arranged in the chamber, wherein, when the heating element is located against the electrical supply surface, the first and second comb-shaped electrodes are configured to supply electricity through the electrically conductive material in order to heat the aerosol substrate.

IPC 8 full level

**A24F 40/46** (2020.01); **H05B 3/26** (2006.01); **H05B 6/00** (2006.01)

CPC (source: EP)

**A24F 40/46** (2020.01); **H05B 3/26** (2013.01); **H05B 3/46** (2013.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01); **H05B 2203/006** (2013.01); **H05B 2203/021** (2013.01)

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 2022207743 A1 20221006**; EP 4312620 A1 20240207; JP 2024511931 A 20240318

DOCDB simple family (application)

**EP 2022058476 W 20220330**; EP 22719578 A 20220330; JP 2023552000 A 20220330