

Title (en)

AEROSOL MATRIX STRUCTURE AND AEROSOL GENERATION DEVICE

Title (de)

AEROSOLMATRIXSTRUKTUR UND AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

STRUCTURE DE MATRICE D'AÉROSOL ET DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication

EP 4371429 A1 20240522 (EN)

Application

EP 22841092 A 20220608

Priority

- CN 202110802895 A 20210715
- CN 2022097724 W 20220608

Abstract (en)

Disclosed in the present invention are an aerosol matrix structure and an aerosol generation device. The aerosol matrix structure comprises a matrix section, an air passage section provided at one end of the matrix section, and a filter section provided on the end of the air passage section away from the matrix section; the matrix section comprises an aerosol generation matrix and a heating body; the heating body is provided with a closed cavity; the aerosol generation matrix is provided in the closed cavity; and the material of the heating body comprises a ferromagnetic material having a Curie point, so as to heat and atomize the aerosol generation matrix by means of electromagnetic induction to form an aerosol.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/46** (2020.01); **A24F 40/485** (2020.01); **A24F 47/00** (2020.01)

CPC (source: CN EP)

A24D 1/20 (2020.01 - EP); **A24F 40/40** (2020.01 - CN); **A24F 40/46** (2020.01 - CN); **A24F 40/465** (2020.01 - EP); **A24F 40/485** (2020.01 - CN);
A24F 47/00 (2013.01 - CN); **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)

EP 4371429 A1 20240522; CN 113598419 A 20211105; WO 2023284452 A1 20230119

DOCDB simple family (application)

EP 22841092 A 20220608; CN 202110802895 A 20210715; CN 2022097724 W 20220608