

Title (en)

AEROSOL GENERATING MATRIX, AND AEROSOL GENERATING APPARATUS AND SYSTEM

Title (de)

AEROSOLERZEUGUNGSMATRIX SOWIE AEROSOLERZEUGUNGSVORRICHTUNG UND -SYSTEM

Title (fr)

MATRICE DE GÉNÉRATION D'AÉROSOL, ET APPAREIL ET SYSTÈME DE GÉNÉRATION D'AÉROSOL

Publication

EP 4183270 A4 20230802 (EN)

Application

EP 21940008 A 20210926

Priority

CN 2021120548 W 20210926

Abstract (en)

[origin: EP4183270A1] The application provides an aerosol generation base, and an aerosol generation device and system, wherein the aerosol generation base includes: an aerosol base material section. An aerosol base material is arranged in the interior of the aerosol base material section. The aerosol base material section is provided with an insertion section. The insertion section functions to receive insertion of a resonance pillar of the aerosol generation device therein, and is spaced from the resonance pillar. The resonance pillar is inserted into the insertion section, and the aerosol base material in each portion of the interior of the aerosol base material section is uniformly heated by a microwave transmitted through the resonance pillar to thereby enhance the utilization efficiency of the aerosol base material.

IPC 8 full level

A24F 40/46 (2020.01); **A24D 1/20** (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01)

CPC (source: EP KR)

A24D 1/20 (2020.01 - EP KR); **A24F 40/46** (2020.01 - EP); **A24F 40/465** (2020.01 - KR); **H05B 6/64** (2013.01 - KR); **H05B 6/701** (2013.01 - EP); **H05B 6/80** (2013.01 - EP); **A24F 40/20** (2020.01 - EP KR); **A24F 40/85** (2020.01 - EP); **H05B 2206/04** (2013.01 - KR)

Citation (search report)

- [X] WO 2020213143 A1 20201022 - JAPAN TOBACCO INC [JP]
- [X] WO 2020089063 A1 20200507 - NERUDIA LTD [GB]
- [XA] WO 2021013477 A1 20210128 - PHILIP MORRIS PRODUCTS SA [CH]
- [XA] WO 2021073867 A1 20210422 - PHILIP MORRIS PRODUCTS SA [CH]
- [I] WO 2020015223 A1 20200123 - CHINA TOBACCO YUNNAN IND CO LTD [CN]
- [A] EP 3818848 A1 20210512 - KT & G CORP [KR]

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 4183270 A1 20230524; **EP 4183270 A4 20230802**; JP 2023547294 A 20231110; KR 20230045591 A 20230404; WO 2023044835 A1 20230330

DOCDB simple family (application)

EP 21940008 A 20210926; CN 2021120548 W 20210926; JP 2022576886 A 20210926; KR 20227045306 A 20210926