

Title (en)

HEATING ASSEMBLY AND AEROSOL FORMING DEVICE

Title (de)

HEIZANORDNUNG UND AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

ENSEMBLE DE CHAUFFAGE ET DISPOSITIF DE FORMATION D'AÉROSOL

Publication

**EP 4218439 A4 20240313 (EN)**

Application

**EP 21870730 A 20210323**

Priority

- CN 202011010188 A 20200923
- CN 2021082417 W 20210323

Abstract (en)

[origin: EP4218439A1] A heating assembly and an aerosol forming device. The heating assembly (30) comprises a base plate (31) and a heating body (32), wherein the heating body (32) is embedded in the base plate (31), and the heating body (32) comprises a first extension portion (321) and a second extension portion (322) connected to one end of the first extension portion (321), which are arranged spaced apart from each other; and the base plate (31) and the heating body (32) are used for being at least partially inserted into an aerosol forming substrate and generating heat to heat the aerosol forming substrate when the first extension portion (321) and the second extension portion (322) are powered on. The heating body (32) in the heating assembly (30) can be directly inserted into the aerosol forming substrate, and has a good stability.

IPC 8 full level

**A24F 40/40** (2020.01); **A24F 40/46** (2020.01); **H05B 3/14** (2006.01); **H05B 3/46** (2006.01); **A24F 40/20** (2020.01)

CPC (source: CN EP KR)

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Citation (search report)

- [X1] CN 111035070 A 20200421 - SHENZHEN MAISHI TECH CO LTD
- [XAI] CN 210094671 U 20200221 - O NET AUTOMATION TECH SHENZHEN LTD
- [XAI] CN 205648910 U 20161019 - SHENZHEN FIRST UNION TECH CO
- [A] WO 2019140744 A1 20190725 - GREEN CIGARETTE IND SHENZHEN CO LTD [CN]
- See also references of WO 2022062341A1

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

DOCDB simple family (publication)

**EP 4218439 A1 20230802**; **EP 4218439 A4 20240313**; CN 114246370 A 20220329; JP 2023532220 A 20230727; JP 7509929 B2 20240702; KR 20230009985 A 20230117; WO 2022062341 A1 20220331

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**EP 21870730 A 20210323**; CN 202011010188 A 20200923; CN 2021082417 W 20210323; JP 2022577770 A 20210323; KR 20227043869 A 20210323