

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 A1 20230802 (EN)

Application

EP 21870730 A 20210323

Priority

- CN 202011010188 A 20200923
- CN 2021082417 W 20210323

Abstract (en)

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)

CPC (source: CN EP KR)

A24F 40/46 (2020.01 - CN EP KR); **A24F 40/57** (2020.01 - KR); **H05B 3/0019** (2013.01 - KR); **H05B 3/03** (2013.01 - KR); **H05B 3/10** (2013.01 - KR); **H05B 3/141** (2013.01 - EP); **H05B 3/18** (2013.01 - KR); **H05B 3/46** (2013.01 - EP); **A24F 40/20** (2020.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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