

Title (en)

HEATER ASSEMBLY AND AEROSOL FORMING DEVICE

Title (de)

HEIZUNGSANORDNUNG UND AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

ENSEMBLE DISPOSITIF DE CHAUFFAGE ET DISPOSITIF DE FORMATION D'AÉROSOL

Publication

EP 4218446 A1 20230802 (EN)

Application

EP 21870750 A 20210402

Priority

- CN 202011012203 A 20200923
- CN 2021085365 W 20210402

Abstract (en)

The present application provides a heater assembly and an aerosol-forming device. The heater assembly includes a mounting base and a heating assembly. The heater assembly includes a heating body. The heating body has a first connection end and a second connection end opposite the first connection end. The heating body is fixed to the mounting base. At least a portion of the heating body is configured to be inserted into and heat the aerosol-forming substance. The heating body in the heater assembly can be directly and independently inserted into the aerosol-forming substance. When the temperature is excessively high, the heating body may not fall off from the substrate, failure of the heating assembly may not be caused, and the stability of the heating assembly may be improved significantly. In addition, the problem of the mounting base affecting the resistor heating circuit can be effectively avoided, a separate mounting base is not required, and production costs are reduced effectively.

IPC 8 full level

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 3/03** (2013.01 - KR); **H05B 3/04** (2013.01 - EP); **H05B 3/06** (2013.01 - EP KR); **H05B 3/141** (2013.01 - EP KR); **H05B 3/16** (2013.01 - KR); **H05B 3/265** (2013.01 - EP); **H05B 3/267** (2013.01 - EP); **H05B 3/42** (2013.01 - EP); **A24F 40/20** (2020.01 - EP); **A24F 40/70** (2020.01 - KR); **H05B 2203/013** (2013.01 - EP); **H05B 2203/022** (2013.01 - EP)

Designated contracting state (EPC)

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BA ME

Designated validation state (EPC)

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EP 21870750 A 20210402; CN 202011012203 A 20200923; CN 2021085365 W 20210402; JP 2022575487 A 20210402; KR 20227045632 A 20210402