

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 4218447 A1 20230802 (EN)**

Application  
**EP 21870831 A 20210526**

Priority  
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• CN 2021096133 W 20210526

Abstract (en)  
A heating assembly (60) and an aerosol forming device (600). The heating assembly (60) comprises a substrate (61), at least one heating element (62), a first electrode (63a) and a second electrode (63b); the substrate (61) is configured to be at least partially inserted into an aerosol forming matrix (67), and the substrate (61) has a first end (M) and a second end (N); the at least one heating element (62) is embedded in the substrate (61), and the heating element (62) has a first connection end (E) and a second connection end (F) opposite to the first connection end (E); at least one of the first electrode (63a) and the second electrode (63b) extends from the first end (M) to the second end (N), one of the first electrode (63a) and the second electrode (63b) is electrically connected to the first connection end (E) and the other electrode is electrically connected to the second connection end (F); and the at least one heating element (62) is configured to be inserted into the aerosol forming matrix (67) and powered by the first electrode (63a) and the second electrode (63b) to generate heat. The heating assembly (60) can avoid the problem of failure caused by the heating element (62) falling off from the substrate (61) during high-temperature heating, thus greatly improving the reliability of the heating assembly (60).

IPC 8 full level  
**A24F 40/46** (2020.01)

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