

Title (en)
AEROSOL GENERATING DEVICE

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication
EP 4353096 A1 20240417 (EN)

Application
EP 22827347 A 20220601

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Abstract (en)
The present invention relates to an aerosol generating device, which includes a fixed tube for mounting an aerosol-forming substrate and forming an airflow channel. The fixed tube includes a support wall and a first opening facing the support wall for receiving the aerosol-forming substrate to be inserted. The airflow channel first extends from the first opening along the inner side of the tubular wall of the fixed tube in the direction toward the support wall to reach outside of the fixed tube, and then penetrates through the support wall into the fixed tube to extend in the direction toward the first opening, in order to allow a gas flow to move through the support wall to get into the aerosol-forming substrate to deliver aerosol generated with the aerosol-forming substrate outwards. The airflow channel of the aerosol generating device may cool the outer surface of the fixed tube, and the airflow channel has the advantages of uniform flow and sufficient flow.

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