

Title (en)
AEROSOL GENERATION DEVICE

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication
EP 4154741 A4 20231129 (EN)

Application
EP 21847384 A 20210202

Priority
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Abstract (en)
[origin: EP4154741A1] The present invention relates to an aerosol generation device, comprising a housing and a base assembly and a heating member arranged in the housing. An accommodation space for accommodating an aerosol generation substrate is formed in the housing. An upper end of the heating member extends into the accommodation space. A lower end of the heating member is inserted into the base assembly. An airflow channel communicating with the accommodation space is formed in the base assembly. At least one air inlet hole communicating with the airflow channel is provided on the housing. External air enters the airflow channel by means of the air inlet hole to cool the base assembly, and then the pre-heated air enters the aerosol generation matrix, thereby improving atomization efficiency, and enabling uniform temperature distribution in the aerosol generation matrix.

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A24F 40/20 (2020.01 - EP KR); **A24F 40/46** (2020.01 - EP)

Citation (search report)
• [XA] EP 3556230 A2 20191023 - KT & G COPORATION [KR]
• [XA] WO 2019228037 A1 20191205 - SHENZHEN ROYAL TOBACCO IND LTD [CN]
• [XA] WO 2019100230 A1 20190531 - HUIZHOU KIMREE TECHNOLOGY CO LTD SHENZHEN BRANCH [CN]
• See references of WO 2022016852A1

Designated contracting state (EPC)
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