

Title (en)
AEROSOL-GENERATING SYSTEM HAVING AN AIR INGRESS ZONE

Title (de)
AEROSOLERZEUGUNGSSYSTEM MIT EINER LUFTEINTRITTSZONE

Title (fr)
SYSTÈME DE GÉNÉRATION D'AÉROSOL DOTÉ D'UNE ZONE D'ENTRÉE D'AIR

Publication
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Application
EP 21711244 A 20210312

Priority
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Abstract (en)
[origin: WO2021180967A1] There is provided an aerosol-generating system (100) comprising an aerosol-generating article (1) and an aerosol-generating device (10). The aerosol-generating article comprises a rod of aerosol-forming substrate (12) and a filter positioned downstream of the rod of aerosol-forming substrate. The rod of aerosol-forming substrate and the filter are assembled within a wrapper (22). The aerosol-generating article comprises a first air ingress zone (15) located on the wrapper. The first air ingress zone is configured to allow the ingress of air into the interior of the aerosol-generating article. The aerosol-generating device has a distal end and a mouth end (2). The aerosol-generating device comprises a housing (4). The housing defines a device cavity for removably receiving the aerosol-generating article at the mouth end of the device. The aerosol-generating device comprises a heater for heating the aerosol-forming substrate when the aerosol-generating article is received within the device cavity. The aerosol-generating device comprises an air-flow channel (5) extending between a channel inlet (7) and a channel outlet (9). The airflow channel is configured to establish a fluid communication between the interior of the device cavity and the exterior of the aerosol-generating device. The aerosol-generating system is configured so that, when the aerosol-generating article is received within the device cavity, fluid communication between the interior of the aerosol-generating article and the exterior of the aerosol-generating device is established by a fluid communication being established between the first air ingress zone of the aerosol-generating article received within the device cavity and the air-flow channel of the aerosol-generating device.

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