

Title (en)

AEROSOL-GENERATING SYSTEM AND AEROSOL-GENERATING ARTICLE COMPRISING AN AEROSOL-FORMING SUBSTRATE

Title (de)

AEROSOLERZEUGUNGSSYSTEM UND AEROSOLERZEUGUNGSARTIKEL MIT EINEM AEROSOLBILDENDEN SUBSTRAT

Title (fr)

SYSTÈME DE GÉNÉRATION D'AÉROSOL ET ARTICLE DE GÉNÉRATION D'AÉROSOL COMPRENANT UN SUBSTRAT DE FORMATION D'AÉROSOL

Publication

**EP 3930501 A1 20220105 (EN)**

Application

**EP 20706323 A 20200227**

Priority

- EP 19160139 A 20190228
- EP 2020055206 W 20200227

Abstract (en)

[origin: WO2020174073A1] An aerosol-generating system (40) comprising an aerosol-generating article (10) and an aerosol-generating device (30). The article (10) has an upstream end (11) and a downstream end (12), defines a longitudinal direction and comprises an upstream segment and a downstream segment (14). The upstream segment comprises an aerosol-forming substrate (13) having a substrate outer surface (17) with a substrate outer diameter (D2). The downstream segment (14) has a downstream segment outer diameter (D1) greater than the substrate outer diameter (D2). The device (30) comprises a device cavity inner surface (33) having a device cavity inner diameter (D4), the device cavity (32) being configured to receive at least the aerosol-forming substrate (13). The device (30) comprises at least one heating element (31). When the aerosol-forming substrate (13) is received in the device cavity (32), an airflow passage (35) is defined between the substrate outer surface (17) and the device cavity inner surface (33).

IPC 8 full level

**A24F 40/40** (2020.01)

CPC (source: EP KR US)

**A24D 1/045** (2013.01 - KR); **A24D 1/20** (2020.01 - EP KR US); **A24D 3/04** (2013.01 - KR); **A24D 3/17** (2020.01 - US); **A24F 40/20** (2020.01 - US); **A24F 40/40** (2020.01 - EP KR); **A24F 40/46** (2020.01 - KR); **A24F 40/485** (2020.01 - EP KR); **A24F 40/20** (2020.01 - EP KR); **A24F 40/30** (2020.01 - KR); **A24F 40/48** (2020.01 - EP)

Citation (search report)

See references of WO 2020174073A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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