

Title (en)  
AEROSOL-GENERATING DEVICE HAVING SMOKE-FREE FUNCTION AND AEROSOL-GENERATING ARTICLE USED THEREWITH

Title (de)  
AEROSOLERZEUGUNGSVORRICHTUNG MIT RAUCHFREIER FUNKTION UND AEROSOLERZEUGUNGSARTIKEL DAMIT

Title (fr)  
DISPOSITIF DE GÉNÉRATION D'AÉROSOL AYANT UNE FONCTION SANS FUMÉE ET ARTICLE GÉNÉRANT UN AÉROSOL UTILISÉ AVEC CELUI-CI

Publication  
**EP 4218433 A4 20240522 (EN)**

Application  
**EP 22828587 A 20220421**

Priority

- KR 20210079980 A 20210621
- KR 2022005748 W 20220421

Abstract (en)  
[origin: EP4218433A1] An aerosol generation device having a smokeless function and an aerosol-generating article used therewith are provided. The aerosol-generating article according to some embodiments of the present disclosure may include a tobacco rod which includes a first filter segment, a second filter segment, and a cavity segment. Here, the cavity segment may be filled with tobacco granules. Since content of moisture and/or content of an aerosol-forming agent in the tobacco granules is lower than that in other types of tobacco materials, generation of visible smoke can be significantly reduced. Also, accordingly, the smokeless function of the aerosol generation device can be easily implemented.

IPC 8 full level  
**A24D 1/20** (2020.01); **A24D 1/04** (2006.01); **A24D 3/02** (2006.01); **A24D 3/04** (2006.01); **A24F 40/30** (2020.01); **A24F 40/50** (2020.01)

CPC (source: EP KR US)  
**A24D 1/042** (2013.01 - KR); **A24D 1/045** (2013.01 - KR US); **A24D 1/20** (2020.01 - EP KR US); **A24D 3/0225** (2013.01 - KR); **A24D 3/0279** (2013.01 - KR); **A24D 3/0287** (2013.01 - KR); **A24D 3/04** (2013.01 - KR US); **A24D 3/048** (2013.01 - KR); **A24D 3/17** (2020.01 - KR US); **A24F 40/10** (2020.01 - US); **A24F 40/20** (2020.01 - KR US); **A24F 40/30** (2020.01 - EP US); **A24F 40/46** (2020.01 - KR US); **A24F 40/50** (2020.01 - KR); **A24F 40/57** (2020.01 - KR US); **A24F 40/10** (2020.01 - EP); **A24F 40/20** (2020.01 - EP)

Citation (search report)

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- See also references of WO 2022270738A1

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4218433 A1 20230802; EP 4218433 A4 20240522**; CN 116471951 A 20230721; JP 2023549052 A 20231122; KR 20220169966 A 20221229; US 2024032587 A1 20240201; WO 2022270738 A1 20221229

DOCDB simple family (application)  
**EP 22828587 A 20220421**; CN 202280007527 A 20220421; JP 2023524634 A 20220421; KR 20210079980 A 20210621; KR 2022005748 W 20220421; US 202218265332 A 20220421