

Title (en)  
AEROSOL GENERATING DEVICE

Title (de)  
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication  
**EP 4152977 A1 20230329 (EN)**

Application  
**EP 21726633 A 20210515**

Priority  
• EP 20176123 A 20200522  
• EP 2021062900 W 20210515

Abstract (en)  
[origin: WO2021233790A1] A system comprising an aerosol generating device and a portion of aerosol generating substrate, the aerosol generating device comprising first and second housing elements configured to move between an open position and a closed position, wherein, in the closed position, the first and second housing elements together define an aerosol generation chamber configured to enclose the portion of aerosol generating substrate, and further define an air flow channel comprising an inlet, an outlet and the aerosol generation chamber, the first housing element comprising a recess for receiving the portion of aerosol generating substrate, wherein the recess comprises a flat bottom surface, and the second housing element comprising a compression surface for compressing the portion of aerosol generating substrate towards the bottom surface of the recess, the compression surface and bottom surface being opposing surfaces of the aerosol generation chamber, wherein the portion of aerosol generating substrate is cuboid and a thickness D of the portion before use in the aerosol generating device is greater than a distance d between the compression surface and the bottom surface of the recess when the first and second housing elements are in the closed position

IPC 8 full level  
**A24F 40/20** (2020.01); **A24F 40/40** (2020.01); **A24F 40/46** (2020.01)

CPC (source: EP KR US)  
**A24F 40/20** (2020.01 - US); **A24F 40/40** (2020.01 - EP KR); **A24F 40/46** (2020.01 - EP KR); **A24F 40/48** (2020.01 - US); **A24F 40/485** (2020.01 - KR); **A24F 40/20** (2020.01 - EP KR)

Citation (search report)  
See references of WO 2021233790A1

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)  
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DOCDB simple family (application)  
**EP 2021062900 W 20210515**; EP 21726633 A 20210515; JP 2022571232 A 20210515; KR 20227043584 A 20210515; US 202117927250 A 20210515