

Title (en)  
AEROSOL GENERATING DEVICE COMPRISING TWO HEATING ELEMENTS

Title (de)  
AEROSOLERZEUGUNGSVORRICHTUNG MIT ZWEI HEIZELEMENTEN

Title (fr)  
DISPOSITIF DE GÉNÉRATION D'AÉROSOL COMPRENANT DEUX ÉLÉMENTS CHAUFFANTS

Publication  
**EP 4337045 A1 20240320 (EN)**

Application  
**EP 22728453 A 20220509**

Priority  
• EP 21173028 A 20210510  
• EP 2022062499 W 20220509

Abstract (en)  
[origin: WO2022238338A1] The present invention concerns an aerosol generating device configured to operate with an aerosol generating substrate and comprising: - a device body extending along a device axis; - a cup-shaped heating chamber (45) defining an open end (70) and at least two heating walls (74A, 74B), the heating chamber (45) being configured to receive a heater part of the aerosol generating substrate through the open end (70); - two heating elements (47A, 47B), each heating (47A, 47B) element being adjacent to a respective heating wall (74A, 74B) of the heating chamber (45); - a controller configured to operate separately each heating element (47A, 47B) with the same aerosol generating substrate, according to a heating profile chosen among a predetermined group of heating profiles.

IPC 8 full level  
**A24F 40/46** (2020.01); **A24D 1/20** (2020.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01); **A24F 40/57** (2020.01); **A61M 11/04** (2006.01); **A61M 15/06** (2006.01)

CPC (source: EP KR US)  
**A24D 1/20** (2020.01 - KR); **A24F 40/20** (2020.01 - EP KR); **A24F 40/40** (2020.01 - KR); **A24F 40/42** (2020.01 - KR); **A24F 40/46** (2020.01 - EP KR US); **A24F 40/50** (2020.01 - KR); **A24F 40/57** (2020.01 - EP KR US); **A24D 1/20** (2020.01 - EP); **A24F 40/42** (2020.01 - EP)

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)  
**WO 2022238338 A1 20221117**; EP 4337045 A1 20240320; JP 2024517097 A 20240419; KR 20240006596 A 20240115; TW 202247777 A 20221216; US 2024251854 A1 20240801

DOCDB simple family (application)  
**EP 2022062499 W 20220509**; EP 22728453 A 20220509; JP 2023563107 A 20220509; KR 20237041779 A 20220509; TW 111117551 A 20220510; US 202218289692 A 20220509