

Title (en)

AEROSOL GENERATING DEVICE COMPRISING A PUSHING BAR

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG MIT EINER SCHUBSTANGE

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL COMPRENANT UNE BARRE DE POUSSÉE

Publication

EP 4337041 A1 20240320 (EN)

Application

EP 22728451 A 20220509

Priority

- EP 21173031 A 20210510
- EP 2022062497 W 20220509

Abstract (en)

[origin: WO2022238336A1] The present invention concerns an aerosol generating device (10) configured to operate with an aerosol generating substrate (12) and comprising: - a device body extending along a device axis (Y) and defining at least one side wall (40); - a cup-shaped heating chamber (45) defining an open end and a closed end opposite to the open end, the heating chamber (45) configured to receive a heater part of the aerosol generating substrate (12); - an ejection mechanism (48) comprising a pushing bar (81) formed from a flexible material and configured to slide within the heating chamber (45) between a retracted position and an ejecting position; the pushing bar (81) comprising a pushing element (89) configured to eject the aerosol generating substrate (12) from the heating chamber (45) by pushing while the pushing bar (81) is sliding from the retracted position to the ejecting position.

IPC 8 full level

A24F 40/20 (2020.01); **A24D 1/20** (2020.01); **A24F 40/40** (2020.01); **A24F 40/42** (2020.01); **A24F 40/46** (2020.01); **A61M 11/04** (2006.01); **A61M 15/06** (2006.01)

CPC (source: EP KR US)

A24D 1/20 (2020.01 - KR); **A24F 7/00** (2013.01 - KR); **A24F 40/20** (2020.01 - EP KR US); **A24F 40/40** (2020.01 - EP KR); **A24F 40/42** (2020.01 - KR); **A24F 40/46** (2020.01 - KR US); **A24F 40/485** (2020.01 - KR US); **A24F 40/85** (2020.01 - KR US); **A24D 1/20** (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 2022238336 A1 20221117; EP 4337041 A1 20240320; JP 2024517083 A 20240419; KR 20240006540 A 20240115; TW 202243603 A 20221116; US 2024237735 A1 20240718

DOCDB simple family (application)

EP 2022062497 W 20220509; EP 22728451 A 20220509; JP 2023562332 A 20220509; KR 20237038396 A 20220509; TW 111117552 A 20220510; US 202218289482 A 20220509