

Title (en)

AEROSOL GENERATION DEVICE WITH FLEXIBLE COVER

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG MIT FLEXIBLER ABDECKUNG

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL À COUVERCLE SOUPLE

Publication

EP 4228451 A1 20230823 (EN)

Application

EP 21787416 A 20211006

Priority

- EP 20202393 A 20201016
- EP 2021077515 W 20211006

Abstract (en)

[origin: WO2022078832A1] The invention relates to an aerosol generation device, in particular an aerosol generation device comprising a cover with one or more flexible regions that can be deformed when pressed. In a first aspect the invention is an aerosol generation device that comprises a main body defined by a main housing comprising an operation interface portion that is provided at at least a portion of the exterior surface of the main housing and that can be actuated for operating the aerosol generation device, and a cover element that is detachably attached or connected to the main housing. At least a portion of the operation interface portion is arranged between the exterior surface of the main housing and the cover element, and the cover element comprises one or more flexible regions that can be elastically deformed for actuating the operation interface portion.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/50** (2020.01); **A24F 40/60** (2020.01); **A61M 11/04** (2006.01); **A61M 15/06** (2006.01)

CPC (source: EP KR US)

A24F 40/40 (2020.01 - EP KR US); **A24F 40/50** (2020.01 - EP); **A24F 40/51** (2020.01 - KR US); **A24F 40/53** (2020.01 - KR); **A24F 40/60** (2020.01 - EP KR US); **A24F 40/20** (2020.01 - KR)

Citation (search report)

See references of WO 2022078832A1

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 2022078832 A1 20220421; CN 116348007 A 20230627; EP 4228451 A1 20230823; JP 2023544774 A 20231025; KR 20230085142 A 20230613; TW 202215991 A 20220501; US 2023371611 A1 20231123

DOCDB simple family (application)

EP 2021077515 W 20211006; CN 202180070255 A 20211006; EP 21787416 A 20211006; JP 2023520476 A 20211006; KR 20237011724 A 20211006; TW 110137837 A 20211012; US 202118031093 A 20211006