

Title (en)

MAIN BODY UNIT FOR AEROSOL GENERATION DEVICE, AEROSOL GENERATION DEVICE, AND NON-COMBUSTION-TYPE INHALER

Title (de)

HAUPTKÖRPEREINHEIT FÜR AEROSOLERZEUGUNGSVORRICHTUNG, AEROSOLERZEUGUNGSVORRICHTUNG UND VERBRENNUNGSFREIER INHALATOR

Title (fr)

UNITÉ DE CORPS PRINCIPAL POUR DISPOSITIF DE GÉNÉRATION D'AÉROSOL, DISPOSITIF DE GÉNÉRATION D'AÉROSOL, ET INHALATEUR DE TYPE SANS COMBUSTION

Publication

EP 4179896 A4 20240508 (EN)

Application

EP 20944791 A 20200709

Priority

JP 2020026805 W 20200709

Abstract (en)

[origin: EP4179896A1] A main body unit of an aerosol generation device according to an aspect of the present invention includes a cartridge accommodation portion that accommodates a cartridge; an outer case that surrounds at least a part of an outside of the cartridge accommodation portion; a sensor that is accommodated in the outer case to detect a puffing of a user; and a sensor holder that is accommodated in the outer case to hold the sensor, wherein the sensor holder has a shape following a peripheral surface of the cartridge accommodation portion and is airtightly in contact with the peripheral surface of the cartridge accommodation portion.

IPC 8 full level

A24F 40/51 (2020.01); **A24F 40/40** (2020.01); **A24F 40/42** (2020.01)

CPC (source: EP)

A24F 40/40 (2020.01); **A24F 40/42** (2020.01); **A24F 40/51** (2020.01); **A24F 40/10** (2020.01); **A24F 40/20** (2020.01); **A24F 40/30** (2020.01)

Citation (search report)

- [XAI] US 2017360092 A1 20171221 - ALTHORPE CHRISTOPHER [GB], et al
- [A] WO 2020084796 A1 20200430 - JAPAN TOBACCO INC [JP]
- See also references of WO 2022009368A1

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

DOCDB simple family (publication)

EP 4179896 A1 20230517; **EP 4179896 A4 20240508**; CN 115666295 A 20230131; JP 7432727 B2 20240216; JP WO2022009368 A1 20220113; WO 2022009368 A1 20220113

DOCDB simple family (application)

EP 20944791 A 20200709; CN 202080101087 A 20200709; JP 2020026805 W 20200709; JP 2022534583 A 20200709