

Title (en)

AEROSOL GENERATION DEVICE AND NON-COMBUSTION-TYPE INHALER

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG UND VERBRENNUNGSFREIER INHALATOR

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL ET INHALATEUR DE TYPE SANS COMBUSTION

Publication

**EP 4179892 A4 20240515 (EN)**

Application

**EP 20943944 A 20200709**

Priority

JP 2020026799 W 20200709

Abstract (en)

[origin: EP4179892A1] An aerosol generation device according to an aspect of the present invention includes a cartridge formed in a cylindrical shape to accommodate an aerosol source; a cartridge accommodation portion formed in a cylindrical shape to accommodate the cartridge; and a position determination mechanism that determines a position of the cartridge with respect to the cartridge accommodation portion, wherein the position determination mechanism includes an engagement protrusion portion that is provided in either of the cartridge or the cartridge accommodation portion, wherein the engagement protrusion portion protrudes in a main axis direction in which a main axis of the cartridge accommodation portion extends toward the other side of the cartridge or the cartridge accommodation portion, and a width in a circumferential direction around the main axis decreases as toward the other side; and an engagement groove portion that is provided in the other side of the cartridge or the cartridge accommodation portion and into which the engagement protrusion portion is insertable in the main axis direction.

IPC 8 full level

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

CPC (source: EP)

**A24F 40/40** (2020.01); **A24F 40/10** (2020.01); **A24F 40/42** (2020.01)

Citation (search report)

- [X1] WO 2020084794 A1 20200430 - JAPAN TOBACCO INC [JP] & EP 3871540 B1 20230906 - JAPAN TOBACCO INC [JP]
- [XAI] US 2018338541 A1 20181129 - WORM STEVEN L [US], et al
- [A] EP 2967149 B1 20180815 - REYNOLDS TOBACCO CO R [US]
- [A] EP 2875741 A2 20150527 - VMR PRODUCTS LLC [US]
- See also references of WO 2022009365A1

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 4179892 A1 20230517**; **EP 4179892 A4 20240515**; CN 115666294 A 20230131; JP 7530976 B2 20240808; JP WO2022009365 A1 20220113; WO 2022009365 A1 20220113

DOCDB simple family (application)

**EP 20943944 A 20200709**; CN 202080101020 A 20200709; JP 2020026799 W 20200709; JP 2022534580 A 20200709