

Title (en)

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

Title (de)

KÖRPEREINHEIT FÜR EINE VORRICHTUNG ZUR AEROSOLERZEUGUNG, VORRICHTUNG ZUR AEROSOLERZEUGUNG UND VERBRENNUNGSFREIE INHALIERVORRICHTUNG

Title (fr)

UNITÉ DE CORPS DESTINÉE À UN DISPOSITIF DE GÉNÉRATION D'AÉROSOL, DISPOSITIF DE GÉNÉRATION D'AÉROSOL ET INHALATEUR DE TYPE SANS COMBUSTION

Publication

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Application

EP 19874795 A 20190115

Priority

- CN 201811255607 A 20181026
- JP 2019000865 W 20190115

Abstract (en)

[origin: EP3871536A1] A main body unit of an aerosol generation device that is at least dividable into a first unit and a second unit according to an aspect of the present invention has a rotation connection mechanism configured to connect the first unit and the second unit by inserting an engagement convex portion disposed in either of the first unit or the second unit into an engagement groove portion disposed in the other one of the first unit or the second unit and rotating in a first rotation direction around a central axis of the main body unit; a first convex portion disposed in either of the first unit or the second unit, the first convex portion protruding outwardly in a radial direction orthogonal to the central axis; and a second convex portion disposed in the other of the first unit or the second unit, the second convex portion protruding inwardly in the radial direction, wherein when a connection is performed in the rotation connection mechanism, either of the first convex portion or the second convex portion is elastically deformed in the radial direction while climbing over the other one of the first convex portion or the second convex portion and engaged with the other one of the first convex portion or the second convex portion in a second rotation direction opposite to the first rotation direction.

IPC 8 full level

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CPC (source: EP)

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

Citation (search report)

- [X1] US 2017071252 A1 20170316 - LIU QIUMING [CN]
- [X1] US 2015059784 A1 20150305 - LIU QIUMING [CN]
- [X1] EP 3038479 A1 20160706 - NICOVENTURES HOLDINGS LTD [GB]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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