

Title (en)

ATOMIZATION UNIT FOR NON-COMBUSTION-TYPE INHALER, POWER SOURCE UNIT, AND NON-COMBUSTION-TYPE INHALER

Title (de)

VERNEBELUNGSEINHEIT FÜR EINEN VERBRENNUNGSFREIEN INHALATOR, STROMQUEELLEINHEIT UND VERBRENNUNGSFREIER INHALATOR

Title (fr)

UNITÉ D'ATOMISATION POUR INHALATEUR DE TYPE SANS COMBUSTION, UNITÉ DE SOURCE D'ALIMENTATION ET INHALATEUR DE TYPE SANS COMBUSTION

Publication

EP 3871543 A4 20220727 (EN)

Application

EP 19876759 A 20190116

Priority

- CN 201811255604 A 20181026
- JP 2019001069 W 20190116

Abstract (en)

[origin: EP3871543A1] An atomization unit according to an embodiment of the present invention has a container main body, a heater, and a first planar electrode and a second planar electrode. The first planar electrode and the second planar electrode are at least disposed in an arc-shaped region including both of a first virtual circle with the axis as a center and through the first pin electrode and a second virtual circle with the axis as a center and through the second pin electrode in an attaching state of the container main body to the power unit. An insulation portion configured to partition the first planar electrode and the second planar electrode in a circumferential direction around the axis is disposed on a second virtual straight line along a tangential direction of the second electrode configuration surface and through the center of the second electrode configuration surface.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/10** (2020.01); **A24F 40/46** (2020.01); **A61M 15/06** (2006.01)

CPC (source: EP)

A24F 40/40 (2020.01); **A24F 40/46** (2020.01); **A24F 40/10** (2020.01)

Citation (search report)

- [XAI] WO 2017163045 A1 20170928 - NICOVENTURES HOLDINGS LTD [GB]
- [A] WO 2016109965 A1 20160714 - HUIZHOU KIMREE TECHNOLOGY CO LTD [CN]
- [A] WO 2017207322 A1 20171207 - PHILIP MORRIS PRODUCTS SA [CH]
- See also references of WO 2020084800A1

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)

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DOCDB simple family (application)

EP 19876759 A 20190116; CN 201811255604 A 20181026; JP 2019001069 W 20190116; JP 2019108003 A 20190610; TW 108101647 A 20190116