

Title (en)

AEROSOL GENERATING DEVICE, HEATING ASSEMBLY AND STORAGE ASSEMBLY

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG, HEIZANORDNUNG UND LAGERUNGSANORDNUNG

Title (fr)

DISPOSITIF DE GÉNÉRATION D'AÉROSOL, ENSEMBLE DE CHAUFFAGE ET ENSEMBLE DE STOCKAGE

Publication

**EP 4026444 A4 20221109 (EN)**

Application

**EP 20860661 A 20200831**

Priority

- CN 201910829145 A 20190903
- CN 2020112618 W 20200831

Abstract (en)

[origin: EP4026444A1] An aerosol generating device, a heating assembly and a storage assembly, the aerosol generating device comprising: a main body (11); a heating assembly (12) that is detachably connected to the main body; and a storage assembly (13) that is detachably connected to the main body. The storage assembly (13) stores a characteristic parameter, and the characteristic parameter corresponds to one model of heating assembly (12); and the main body (11) is used for acquiring the characteristic parameter from the storage assembly (13) and heating the heating assembly (12) according to the characteristic parameter so as to further utilize the heating assembly (12) to heat an aerosol generating substrate to generate an aerosol. By means of the described means, in one aspect, the replacement of the heating assembly (12) and the storage assembly (13) may be facilitated and usage costs are reduced; in another aspect, during the replacement of parts, the parts are prevented from being replaced with forged and fake parts, thus affecting use by a user.

IPC 8 full level

**A24F 40/57** (2020.01); **A24F 40/10** (2020.01); **A24F 40/50** (2020.01); **A24F 40/53** (2020.01); **A24F 40/65** (2020.01)

CPC (source: EP KR)

**A24F 40/40** (2020.01 - KR); **A24F 40/46** (2020.01 - KR); **A24F 40/50** (2020.01 - KR); **A24F 40/53** (2020.01 - EP KR); **A24F 40/57** (2020.01 - EP KR); **A24F 40/65** (2020.01 - EP KR); **A24F 47/00** (2013.01 - KR); **A24F 40/40** (2020.01 - EP)

Citation (search report)

- [XAYI] US 2017258136 A1 20170914 - HAWES ERIC [US], et al
- [Y] WO 2019153642 A1 20190815 - CHANGZHOU PATENT ELECTRONIC TECH CO LTD [CN]
- [A] WO 2019162157 A1 20190829 - NERUDIA LTD [GB]
- See also references of WO 2021043106A1

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)

**EP 4026444 A1 20220713**; **EP 4026444 A4 20221109**; **EP 4026444 B1 20230920**; CN 110584207 A 20191220; JP 2022545963 A 20221101; JP 7397173 B2 20231212; KR 20220043210 A 20220405; WO 2021043106 A1 20210311

DOCDB simple family (application)

**EP 20860661 A 20200831**; CN 201910829145 A 20190903; CN 2020112618 W 20200831; JP 2022513683 A 20200831; KR 20227008082 A 20200831