

Title (en)

AEROSOL GENERATING APPARATUS AND HEATING ASSEMBLY THEREFOR

Title (de)

AEROSOLERZEUGUNGSVORRICHTUNG UND HEIZANORDNUNG DAFÜR

Title (fr)

APPAREIL DE GÉNÉRATION D'AÉROSOL ET ENSEMBLE DE CHAUFFAGE ASSOCIÉ

Publication

EP 4353098 A1 20240417 (EN)

Application

EP 22866500 A 20220831

Priority

- CN 202122212104 U 20210913
- CN 2022116235 W 20220831

Abstract (en)

The present invention relates to an aerosol-generating apparatus and a heating assembly thereof. The heating assembly includes a base, a heating element arranged on the outer surface of the base, and two conductive elastic sheets electrically connected to the two poles of the heating element, respectively. Each of the conductive elastic sheets includes a sleeve portion sleeved on the base, at least one elastic arm connected to the sleeve portion and elastically contacting and conducting with the heating element, and an electrode portion extending away from the base from one of the at least one elastic arm. The electrode portion extends to a position far away from the base and the heating element to facilitate welding a lead wire. The pad can be flexibly arranged on the electrode portion, and be better attached to a surface of the electrode portion, thereby improving the stability of welding. Additionally, due to that a certain distance is formed between the welding spot and the heating element, the welding spot can be prevented from being melted due to too high temperature during the heating of the heating element, thereby the welding reliability is improved.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/20** (2020.01); **A24F 40/46** (2020.01)

CPC (source: EP)

A24F 40/20 (2020.01); **A24F 40/40** (2020.01); **A24F 40/46** (2020.01); **A24F 40/50** (2020.01); **A24F 47/00** (2013.01)

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 4353098 A1 20240417; CN 216147242 U 20220401; JP 2024528816 A 20240801; WO 2023036036 A1 20230316

DOCDB simple family (application)

EP 22866500 A 20220831; CN 202122212104 U 20210913; CN 2022116235 W 20220831; JP 2024501682 A 20220831