

Title (en)
ELECTRONIC ATOMIZATION DEVICE AND HEATING COMPONENT THEREOF

Title (de)
ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG UND HEIZKOMPONENTE DAVON

Title (fr)
DISPOSITIF D'ATOMISATION ÉLECTRONIQUE ET SON COMPOSANT DE CHAUFFAGE

Publication
EP 4393331 A1 20240703 (EN)

Application
EP 22860387 A 20220818

Priority
• CN 202110990780 A 20210826
• CN 2022113417 W 20220818

Abstract (en)
An electronic atomization device (100) and a heating assembly (2) thereof. The heating assembly (2) comprises a fixed member (21), a movable member (22), and a heating member (23); the fixed member (21) has a mounting cavity (211) for accommodating an aerosol generation assembly (4); the movable member (22) is accommodated in the mounting cavity (211), and is slidably connected to the fixed member (21); and the heating member (23) can be separately provided on the bottom wall (213) of the mounting cavity (211) and used for heating in a magnetic field and heating the aerosol generation assembly (4). The aerosol generation assembly (4) is inserted into a sleeve (221) and drives the movable member (22) from a first position to a second position; the heating member (23) is inserted into the aerosol generation assembly (4); the movable member (22) is reset from the second position to the first position; the heating member (23) is inserted into the aerosol generation assembly (4) and is separated from the bottom wall (213) of the mounting cavity (211); and the heating member (23) and the sleeve (221) are spaced apart from each other, such that the heat generated by the heating member (23) is used for heating the aerosol generation assembly (4), the loss of the heat generated by the heating member (23) is reduced, and the heat utilization rate is increased.

IPC 8 full level
A24F 40/40 (2020.01); **A24F 40/46** (2020.01); **A24F 47/00** (2020.01)

CPC (source: CN EP)
A24F 40/20 (2020.01 - EP); **A24F 40/40** (2020.01 - CN EP); **A24F 40/46** (2020.01 - CN EP); **A24F 47/00** (2013.01 - CN EP)

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 4393331 A1 20240703; CN 113768196 A 20211210; WO 2023025041 A1 20230302

DOCDB simple family (application)
EP 22860387 A 20220818; CN 202110990780 A 20210826; CN 2022113417 W 20220818