

Title (en)
ELECTRONIC ATOMIZATION DEVICE, ATOMIZATION BODY AND ATOMIZER THEREOF, AND HEATING CONTROL METHOD THEREFOR

Title (de)
ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG, ZERSTÄUBUNGSKÖRPER UND ZERSTÄUBER DAFÜR SOWIE
HEIZSTEUERUNGSVERFAHREN DAFÜR

Title (fr)
DISPOSITIF D'ATOMISATION ÉLECTRONIQUE, CORPS D'ATOMISATION ET ATOMISEUR ASSOCIÉS, ET PROCÉDÉ DE COMMANDE DE
CHAUFFAGE ASSOCIÉ

Publication
EP 4166021 A1 20230419 (EN)

Application
EP 22201348 A 20221013

Priority
CN 202111199944 A 20211014

Abstract (en)
The present disclosure relates to an electronic atomization device, an atomization body and an atomizer thereof, and a heating control method therefor. The atomizer includes a second coil that is configured to obtain energy from the atomization body through inductive coupling in the state where the atomizer is installed to the atomization body, so as to heat the aerosol producing substrate. The atomization body includes a first coil. When the atomization body is in a working state, the first coil generates electromagnetic energy, and heats the aerosol producing substrate accommodated in the atomizer through inductive coupling to generate aerosol. By implementing the present disclosure, the liquid leakage phenomenon of the atomizer is effectively improved, and the heating efficiency is greatly improved.

IPC 8 full level
A24F 40/465 (2020.01)

CPC (source: CN EP)
A24F 40/40 (2020.01 - CN); **A24F 40/465** (2020.01 - CN EP); **A24F 47/00** (2013.01 - CN); **A24F 40/10** (2020.01 - EP)

Citation (search report)
• [XAY] JP 6741752 B2 20200819
• [YA] US 2016120221 A1 20160505 - MIRONOV OLEG [CH], et al
• [YA] US 10945456 B2 20210316 - MIRONOV OLEG [CH], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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