

Title (en)

ELECTRONIC ATOMIZATION DEVICE, SUPPORT ASSEMBLY THEREOF, AND AIR INLET MECHANISM

Title (de)

ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG, STÜTZANORDNUNG DAFÜR UND LUFTEINLASSMECHANISMUS

Title (fr)

DISPOSITIF D'ATOMISATION ÉLECTRONIQUE, SON ENSEMBLE DE SUPPORT ET MÉCANISME D'ENTRÉE D'AIR

Publication

EP 4252567 A1 20231004 (EN)

Application

EP 23164556 A 20230328

Priority

CN 202220770303 U 20220401

Abstract (en)

Disclosed are an electronic atomization device, a support assembly and an air inlet mechanism thereof. The air inlet mechanism comprises an air passage (200) and a sound-absorbing structure (217). The air passage is in communication with the atomization cavity (123) of the electronic atomization device to allow outside air to enter the atomization cavity. The sound-absorbing structure is disposed in the air passage. The sound-absorbing structure is disposed in the air passage of the air inlet mechanism, such that noise in the air passage can be reduced, thus improving the inhaling experience of users.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/485** (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP)

A24F 40/40 (2020.01); **A24F 40/485** (2020.01); **A24F 40/10** (2020.01)

Citation (search report)

- [XAI] CN 113729289 A 20211203 - SHENZHEN SMOORE TECHNOLOGY LTD
- [XA] WO 2014201611 A1 20141224 - KIMREE HI TECH INC
- [XA] CN 108741232 A 20181106 - SHENZHEN UWELL TECH CO LTD

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)

EP 4252567 A1 20231004; CN 219373790 U 20230721

DOCDB simple family (application)

EP 23164556 A 20230328; CN 202220770303 U 20220401