

Title (en)
ELECTRONIC VAPORIZATION DEVICE

Title (de)
ELEKTRONISCHE VERDAMPFUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE VAPORISATION ÉLECTRONIQUE

Publication
EP 4302621 A1 20240110 (EN)

Application
EP 23178878 A 20230613

Priority
CN 202221763532 U 20220708

Abstract (en)
An electronic vaporization device includes a vaporizer 100 ; a battery 200; and a controller (300). A first electrode 400 and a second electrode 500 that are separable are arranged between any two of the vaporizer, the battery, and the controller. The first and second electrodes may be arranged on a positioning element (610) and a fastener (620) which can be buckled to connect the electrodes and thereby implement normal working of the device. Alternatively the first and second electrodes are arranged in a groove on the shell of the device, and an insert 700 including a conductive material is configured to connect the first and second electrodes when the insert 700 is embedded in the groove.

IPC 8 full level
A24F 40/40 (2020.01); **A24F 40/50** (2020.01); **H01H 27/00** (2006.01); **H01H 1/14** (2006.01); **H01H 9/08** (2006.01)

CPC (source: EP US)
A24F 40/40 (2020.01 - EP US); **A24F 40/50** (2020.01 - EP US); **A24F 40/95** (2020.01 - US); **A24F 40/90** (2020.01 - EP)

Citation (search report)

- [X] WO 2021210899 A1 20211021 - KT & G CORP [KR]
- [X] US 2013306084 A1 20131121 - FLICK JEAN-MARC [CH]
- [A] CN 203607468 U 20140521 - LIU QIUMING

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 4302621 A1 20240110; CA 3204391 A1 20240108; CN 218551319 U 20230303; US 2024008558 A1 20240111

DOCDB simple family (application)
EP 23178878 A 20230613; CA 3204391 A 20230621; CN 202221763532 U 20220708; US 202318342079 A 20230627