Title (en)

ATOMIZATION ASSEMBLY AND ELECTRONIC ATOMIZATION DEVICE

Title (de)

ZERSTÄUBERANORDUNG UND ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG

Title (fr)

ENSEMBLE D'ATOMISATION ET DISPOSITIF D'ATOMISATION ÉLECTRONIQUE

Publication

EP 4122338 A1 20230125 (EN)

Application

EP 22184915 A 20220714

Priority

CN 202110808838 A 20210716

Abstract (en)

An atomization assembly includes an atomization base (11) and an atomization core (12). The atomization base defines a mounting cavity (110). The atomization core is received in the mounting cavity. The atomization cavity (111) is defined between an atomization surface (121) of the atomization core and a cavity wall of the mounting cavity. The atomization base has at least one liquid collection cavity (16), the liquid collection cavity is defined on a side wall of the atomization cavity and is communicated with the atomization cavity, and a liquid absorption member (161) is received in the liquid collection cavity. By defining the liquid collection cavity on the side wall of the atomization cavity, and by receiving the liquid absorption member in the liquid collection cavity, the leaked liquid may be absorbed efficiently and reliably without increasing a size of the atomization assembly.

IPC 8 full level

A24F 40/485 (2020.01)

CPC (source: CN EP)

A24F 40/10 (2020.01 - CN); **A24F 40/40** (2020.01 - CN); **A24F 40/485** (2020.01 - EP); A24F 40/10 (2020.01 - EP)

Citation (search report)

- [XAYI] WO 2021104492 A1 20210603 - SHENZHEN SMOORE TECHNOLOGY LTD [CN]
- [YA] KR 20190091369 A 20190805 - PHILIP MORRIS PRODUCTS SA [CH]
- [A] WO 2021062781 A1 20210408 - SHENZHEN SMOORE TECHNOLOGY LTD [CN]

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 4122338 A1 20230125; CN 113693288 A 20211126

DOCDB simple family (application)

EP 22184915 A 20220714; CN 202110808838 A 20210716