

Title (en)

ATOMIZER, AND ELECTRONIC ATOMIZATION DEVICE THEREOF

Title (de)

ZERSTÄUBER UND ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG DAFÜR

Title (fr)

ATOMISEUR ET DISPOSITIF D'ATOMISATION ÉLECTRONIQUE ASSOCIÉ

Publication

**EP 4151100 A1 20230322 (EN)**

Application

**EP 20935684 A 20201113**

Priority

- CN 2020089825 W 20200512
- CN 2020114889 W 20200911
- CN 2020128817 W 20201113

Abstract (en)

The vaporizer includes: a liquid storage tank (4), configured to store liquid; a mounting base (1), including a vent channel (15) transmitting air to the liquid storage tank and a leaked liquid buffer structure (122) having a capillary force, where the leaked liquid buffer structure is in communication with the vent channel; and a vaporization core (2), including a porous substrate (21) and a heating element (22), where the porous substrate is in fluid communication with the liquid storage tank and absorbs liquid from the liquid storage tank through a capillary force; the heating element heats and vaporizes the liquid of the porous substrate; the vaporization core is located between the liquid storage tank and the leaked liquid buffer structure; and the leaked liquid buffer structure abuts against the porous substrate and is configured to reflux liquid leaked from the vent channel to the porous substrate.

IPC 8 full level

**A24F 40/00** (2020.01)

CPC (source: CN EP US)

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**A24F 40/10** (2020.01 - EP US)

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**EP 4151100 A1 20230322**; **EP 4151100 A4 20231025**; CN 113647680 A 20211116; CN 214710337 U 20211116; US 2023063069 A1 20230302;  
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