

Title (en)

ATOMIZER AND ELECTRONIC ATOMIZATION DEVICE

Title (de)

ZERSTÄUBER UND ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG

Title (fr)

ATOMISEUR ET DISPOSITIF D'ATOMISATION ÉLECTRONIQUE

Publication

**EP 4335313 A1 20240313 (EN)**

Application

**EP 22798643 A 20220505**

Priority

- CN 202110525184 A 20210507
- CN 2022090991 W 20220505

Abstract (en)

This application provides a vaporizer and an electronic vaporization device. The vaporizer includes: a housing; a liquid storage compartment, storing a liquid substrate, and having a first compartment and a second compartment; a liquid channel, located between the first compartment and the second compartment, to provide a flow path for liquid in the first compartment to flow to the second compartment; and a fluid-permeable heating element, in fluid communication with the second compartment, and configured to heat and vaporize the liquid substrate to generate an aerosol; a sealing member, having a blocking arm, where the blocking arm closes a liquid channel when in a first configuration, and opens a liquid channel when in a second configuration; and an electrical contact, movable in a longitudinal direction of the housing, to drive the blocking arm to be configured from the first configuration toward the second configuration. Using the vaporizer, a user can move the electrical contact to drive the blocking arm to open the liquid channel.

IPC 8 full level

**A24F 40/485** (2020.01)

CPC (source: CN EP)

**A24F 40/10** (2020.01 - CN); **A24F 40/44** (2020.01 - EP); **A24F 40/46** (2020.01 - EP); **A24F 40/485** (2020.01 - CN EP); **A24F 40/10** (2020.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4335313 A1 20240313**; CN 115299655 A 20221108; WO 2022233303 A1 20221110

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