

Title (en)

ATOMIZER AND ELECTRONIC ATOMIZATION DEVICE

Title (de)

ZERSTÄUBER UND ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG

Title (fr)

ATOMISEUR ET DISPOSITIF D'ATOMISATION ÉLECTRONIQUE

Publication

EP 4282288 A1 20231129 (EN)

Application

EP 22742196 A 20220119

Priority

- CN 202110076731 A 20210120
- CN 2022072792 W 20220119

Abstract (en)

The present application provides a vaporizer and an electronic vaporization device. The vaporizer includes an outer housing, where the outer housing is internally provided with: a liquid storage chamber; a liquid guide element, including extending in the direction perpendicular to the longitudinal direction of the outer housing; a heating element at least partially surrounding the liquid guide element, and configured to heat at least part of the liquid substrate in the liquid guide element to generate an aerosol; and a liquid buffer space, at least partly surrounding the liquid guide element and avoiding the heating element for storing the liquid substrate to adjust the efficiency of transferring the liquid substrate to the heating element. With the above vaporizer, the transferred liquid substrate is buffered through a liquid buffer space at least partially surrounding the second liquid guide element, so that the amount of the liquid substrate supplied to the heating element is balanced, thus reducing E-liquid being blown off.

IPC 8 full level

A24F 40/10 (2020.01); **A24F 47/00** (2020.01)

CPC (source: CN EP US)

A24F 40/10 (2020.01 - CN US); **A24F 40/40** (2020.01 - CN); **A24F 40/42** (2020.01 - CN); **A24F 40/44** (2020.01 - US); **A24F 40/46** (2020.01 - CN); **A24F 40/48** (2020.01 - CN EP US); **A24F 40/50** (2020.01 - CN); **A24F 40/51** (2020.01 - CN); **A24F 40/10** (2020.01 - EP); **A24F 40/42** (2020.01 - EP); **A24F 40/46** (2020.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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