

Title (en)

ATOMIZER AND ELECTRONIC ATOMIZATION DEVICE

Title (de)

ZERSTÄUBER UND ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG

Title (fr)

ATOMISEUR ET DISPOSITIF D'ATOMISATION ÉLECTRONIQUE

Publication

EP 4285748 A1 20231206 (EN)

Application

EP 22745129 A 20220120

Priority

- CN 202110113282 A 20210127
- CN 2022073025 W 20220120

Abstract (en)

This application provides a vaporizer and an electronic vaporization device. The vaporizer includes: at least one suction port; a liquid storage cavity, configured to store a liquid substrate; a liquid guide element, in fluid communication with the liquid storage cavity to absorb the liquid substrate in the liquid storage cavity, the liquid guide element having a vaporization surface arranged close to the suction port; a heating element, formed on the vaporization surface and configured to heat at least a part of the liquid substrate absorbed by the liquid guide element to generate an aerosol; and a conductive element, abutting against the heating element for electric conduction, at least a part of the conductive element extending or being exposed outside the vaporizer to form an electrical contact for supplying power to the heating element. In the vaporizer and the electronic vaporization device as described above, a surface of a liquid absorbing element close to the suction port serves as the vaporization surface, so that the vapor output efficiency is higher.

IPC 8 full level

A24F 40/10 (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 US); **A24F 40/46** (2020.01 - CN EP US); **A24F 40/48** (2020.01 - CN); **A24F 40/485** (2020.01 - US); **A24F 40/50** (2020.01 - CN); **A24F 40/51** (2020.01 - CN); **A24F 40/70** (2020.01 - US); **A24F 40/10** (2020.01 - EP); **A24F 40/40** (2020.01 - EP); **A24F 40/42** (2020.01 - EP)

Designated contracting state (EPC)

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BA ME

Designated validation state (EPC)

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