

Title (en)

ATOMIZATION CORE ASSEMBLY FOR ELECTRONIC CIGARETTE, CIGARETTE CARTRIDGE FOR ELECTRONIC CIGARETTE, AND ELECTRONIC CIGARETTE

Title (de)

ZERSTÄUBUNGSKERNANORDNUNG FÜR ELEKTRONISCHE ZIGARETTE, ZIGARETTENKARTUSCHE FÜR ELEKTRONISCHE ZIGARETTE UND ELEKTRONISCHE ZIGARETTE

Title (fr)

ENSEMBLE NOYAU D'ATOMISATION POUR CIGARETTE ÉLECTRONIQUE, CARTOUCHE DE CIGARETTE POUR CIGARETTE ÉLECTRONIQUE ET CIGARETTE ÉLECTRONIQUE

Publication

EP 4275524 A1 20231115 (EN)

Application

EP 23732801 A 20230301

Priority

- CN 202210411695 A 20220419
- CN 202210249721 A 20220314
- CN 2023078958 W 20230301

Abstract (en)

A vaporization core component for electronic cigarettes, a cartridge for electronic cigarettes, and an electronic cigarette. The vaporization core component for electronic cigarettes includes a liquid guide body and a heating element. The liquid guide body has a first end surface and a second end surface. At least a part of the first end surface is a liquid absorption region. At least a part of the second end surface is a vaporization region. The heating element is arranged in the vaporization region of the second end surface. In the vaporization core component, a position of the liquid absorption region is opposite to a position of the vaporization region, and an area of the liquid absorption region is smaller than an area of the vaporization region. The heating element is arranged in the vaporization region of the second end surface.

IPC 8 full level

A24F 40/40 (2020.01); **A24F 40/10** (2020.01); **A24F 40/48** (2020.01)

CPC (source: EP US)

A24F 40/42 (2020.01 - US); **A24F 40/44** (2020.01 - EP US); **A24F 40/46** (2020.01 - EP US); **A24F 40/485** (2020.01 - US); **A24F 40/10** (2020.01 - EP)

Cited by

EP4305980A1

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4275524 A1 20231115; US 2023337750 A1 20231026; WO 2023174054 A1 20230921

DOCDB simple family (application)

EP 23732801 A 20230301; CN 2023078958 W 20230301; US 202318344888 A 20230630