

Title (en)

VAPORIZATION CORE FOR E-CIGARETTE, CARTRIDGE FOR E-CIGARETTE, AND E-CIGARETTE

Title (de)

VERDAMPFUNGSKERN FÜR E-ZIGARETTE, KARTUSCHE FÜR E-ZIGARETTE UND E-ZIGARETTE

Title (fr)

NOYAU DE VAPORISATION POUR CIGARETTE ÉLECTRONIQUE, CARTOUCHE POUR CIGARETTE ÉLECTRONIQUE ET CIGARETTE ÉLECTRONIQUE

Publication

**EP 4305980 A1 20240117 (EN)**

Application

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Abstract (en)

The present invention discloses a vaporization core for an e-cigarette, a cartridge for an e-cigarette, and an e-cigarette. The vaporization core includes: a liquid guide body, where the liquid guide body has a first side surface and a second side surface arranged opposite to each other, at least a part of the first side surface forms a liquid absorbing region, at least a part of the second side surface forms a vaporization region, the liquid guide body includes a liquid storage portion, the liquid storage portion is a part of the liquid guide body between the second side surface and a position obtained by translating the second side surface to the first side surface by 0.5 mm to 1.5 mm, a liquid storage amount of the liquid storage portion is  $Q_1$ , and quality of vaporization liquid vaporized by the vaporization core in one inhalation cycle is defined as a single-inhalation vaporization amount  $T_1$ , where  $T_1 \leq Q_1 \leq 3T_1$ ; and a heating body, where the heating body is arranged at the vaporization region of the second side surface. The vaporization core for the e-cigarette according to the embodiments of the present invention can match the single-inhalation vaporization amount, thereby ensuring the amount of vapor output, and ensuring that the vaporization liquid is fully vaporized.

IPC 8 full level

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