

Title (en)

ELECTRONIC CIGARETTES HAVING REFILLABLE TOP AND REPLACEABLE HEATING ELEMENT

Title (de)

ELEKTRONISCHE ZIGARETTEN MIT NACHFÜLLBAREM OBERTEIL UND AUSWECHSELBAREM HEIZELEMENT

Title (fr)

CIGARETTES ÉLECTRONIQUES COMPRENANT UNE PARTIE SUPÉRIEURE RECHARGEABLE ET UN ÉLÉMENT CHAUFFANT REMPLAÇABLE

Publication

**EP 3158880 A1 20170426 (EN)**

Application

**EP 15191089 A 20151022**

Priority

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Abstract (en)

The present invention relates to an e-cigarette (100). The e-cigarette includes: a connecting assembly (2), a removable mouth piece (1), an e-liquid tank (3), a vaporizing assembly (4), and a rotatable vaporizer tube (7). The connecting assembly (2) includes: a mouth piece connector (21), a connecting ring (22), an e-liquid injection plate (23), and one or more e-liquid injection holes (24). The removable mouth piece (1) has a mouth piece plug (11) to be inserted into the mouth piece connector (21). The e-liquid tank (3) has an e-liquid tank separation plate (31) for dividing the e-liquid tank into an upper e-liquid chamber (5) and a lower e-liquid chamber (6). The e-liquid tank (3) is connected to the connecting assembly (2). The vaporizing assembly (4) is detachably connected to a lower end of the e-liquid tank (3). The rotatable vaporizer tube (7) is disposed on the e-liquid tank separation plate (31). The rotatable vaporizer tube (7) is insertably connected to the mouth piece (1) through the connecting assembly (2). The rotatable vaporizer tube (7) is also connected to an air exhaust of the vaporizing assembly (4).

IPC 8 full level

**A24F 40/46** (2020.01); **A24F 40/485** (2020.01); **A24F 15/015** (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP US)

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Citation (search report)

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