

Title (en)

ELECTRONIC DELIVERY UNIT AND CARTRIDGE, AN E-CIGARETTE COMPRISING THE UNIT AND CARTRIDGE, AND METHOD FOR DELIVERING A DELIVERY FLUID

Title (de)

ELEKTRONISCHE FREISETZUNGSEINHEIT UND KARTUSCHE, E-ZIGARETTE MIT DER EINHEIT UND KARTUSCHE SOWIE VERFAHREN ZUR ABGABE EINER FREISETZUNGSFLÜSSIGKEIT

Title (fr)

UNITÉ DE DISTRIBUTION ÉLECTRONIQUE ET CARTOUCHE, CIGARETTE ÉLECTRONIQUE COMPRENANT L'UNITÉ ET LA CARTOUCHE ET PROCÉDÉ DE DISTRIBUTION D'UN FLUIDE DE DISTRIBUTION

Publication

**EP 3247234 A1 20171129 (EN)**

Application

**EP 16710020 A 20160118**

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Abstract (en)

[origin: CN107427084A] The present invention relates to a personal electronic delivery unit and cartridge (8), an E-cigarette (2) comprising the unit and the cartridge (8), use of such unit or system for delivering a delivery fluid to a person and method for producing such unit or system. The unit according to the invention comprises: -a primary housing (4) comprising an energy source (20) and having a first end with an air inlet (14) and a second end (26) with a primary connector (38a) configured for connecting to a secondary housing (6) configured for holding a cartridge (8) with a delivery fluid and having an outlet or mouth piece (10); -a fluid path substantially extending between the air inlet (14) and the outlet or mouth piece (10); -a heater element (30) that is provided in, at or close to the fluid path configured for heating the delivery fluid such that at least a part of a delivery fluid atomises and/or vaporises in the fluid path, wherein the heater element (30) is in use connected to the energy source (20) configured for providing energy to the heater element (30), and wherein the heater element (30) is provided in and/or attached to the primary housing (4); and -a delivery fluid transfer element (40) that is configured for transferring delivery fluid from the cartridge (8) to the fluid path; and wherein the heater (30) comprises a conductor and a porous ceramic layer that is configured to control the atomizing and/or vaporizing.

IPC 8 full level

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Citation (search report)

See references of WO 2016118005A1

Cited by

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