

Title (en)

INHALER DEVICE AND CONSUMABLE CARTRIDGE FOR SAME

Title (de)

INHALATORVORRICHTUNG UND VERBRAUCHSMATERIALPATRONE DAFÜR

Title (fr)

DISPOSITIF INHALATEUR ET CARTOUCHE CONSOMMABLE POUR CELUI-CI

Publication

**EP 3175722 A1 20170607 (EN)**

Application

**EP 15197853 A 20151203**

Priority

EP 15197853 A 20151203

Abstract (en)

The invention provides a consumable cartridge (1) for an inhaler device (10), such as a personal vaporizer or electronic smoking article. The cartridge (1) comprises a casing (2) defining a cavity (C) that holds a volume of liquid (L) to be vaporized. The casing (2) includes at least one opening (5) for insertion of a piercing member (15) through the opening (5) into the cavity (C), and a sealing membrane (3) which is configured to be pierced or ruptured by the piercing member (15) when inserted through the opening (5) to release the liquid (L) held in the cavity (C) for vaporization. The present invention also provides an inhaler device (10), such as an electronic smoking article, for generating vapour (V) for inhalation. The inhaler device (10) comprises a body portion (11) configured to receive a consumable cartridge (1) according to the invention; and a mouthpiece (14) provided on the body portion (11) for conveying or delivering vapour (V) generated from the liquid (L) to a user, wherein the device (10) includes a piercing member (15) configured for insertion into and/or through the at least one opening (5) to pierce or rupture the sealing membrane (3) to access the liquid (L) for vaporization.

IPC 8 full level

**A24F 40/42** (2020.01); **A24F 40/44** (2020.01); **A24F 40/10** (2020.01); **A24F 40/485** (2020.01)

CPC (source: EP US)

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

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