

Title (en)

A DISPOSABLE CAPSULE UNIT FOR USE IN A VAPING DEVICE

Title (de)

WEGWERFKAPSELEINHEIT ZUR VERWENDUNG IN EINER VAPING-VORRICHTUNG

Title (fr)

CAPSULE JETABLE À UTILISER DANS UN DISPOSITIF DE VAPOTAGE

Publication

EP 4000428 A1 20220525 (EN)

Application

EP 20207477 A 20201113

Priority

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Abstract (en)

The present invention relates to a disposable capsule unit (20) for use in a vaping device (40), wherein the capsule unit (20) comprises an elongated body with a longitudinal axis (A), having a mouth end (21) and a distal end (22) located opposite to the mouth end (21), wherein the capsule unit (20) is attachable to the vaping device (40), comprising a casing defining the elongated body, having a cavity (23) for retaining a quantity of a liquid solution (29); a longitudinal channel (25) provided within the cavity (23) of the casing parallel to the longitudinal axis (A), extending from the mouth end (21) thereof; a receiving portion (24) located adjacent to the distal end (22) configured to accommodate an atomizer of the vaping device (40); at least one, two, three, four or more resealable valves (28) provided circumferentially around the longitudinal channel (25) for controlling the flow of liquid solution such that the liquid solution vaporized by the atomizer travels along the longitudinal channel (25) towards the mouth end (21).

IPC 8 full level

A24F 40/42 (2020.01)

CPC (source: EP)

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

Citation (search report)

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Designated contracting state (EPC)

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