

Title (en)
AEROSOL DELIVERY DEVICE

Title (de)
AEROSOLABGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION D'AÉROSOL

Publication
EP 3711616 A1 20200923 (EN)

Application
EP 19164478 A 20190321

Priority
EP 19164478 A 20190321

Abstract (en)
An aerosol delivery device comprises an aerosol-generation apparatus, including a heater and a fluid-transfer article. The fluid-transfer article has a reservoir for the holding an aerosol precursor, a wick arrangement to receive aerosol precursor from the reservoir, and a wick support element. The wick support element has at least one capillary bore therethrough. Hence, it allows aerosol precursor to pass from the reservoir to the wick in a capillary manner through the or each bore. Preferably, the heater makes abutting, unbonded contact with an activation surface of the wick so as to interact thermally therewith. This allows the heater to be separable from the wick, for example, when the fluid-transfer article is separated from the rest of the device. This may be necessary when the aerosol precursor in the reservoir of the fluid transfer article has been consumed.

IPC 8 full level
A24F 47/00 (2020.01); **A61M 11/00** (2006.01); **A61M 11/04** (2006.01); **A61M 15/00** (2006.01); **A61M 15/06** (2006.01)

CPC (source: EP)
A24F 40/42 (2020.01); **A24F 40/10** (2020.01); **A24F 40/44** (2020.01)

Citation (search report)

- [X] US 2017035109 A1 20170209 - LIU QIUMING [CN]
- [X] US 2017290370 A1 20171012 - GARTHAFFNER TRAVIS MARTIN [US], et al
- [A] EP 2965642 A1 20160113 - SHENZHEN FIRST UNION TECH CO [CN]
- [A] US 2016143365 A1 20160526 - LIU QIUMING [CN]
- [A] EP 3153033 A1 20170412 - LIN GUANGRONG [CN]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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