

Title (en)
SMOKING SUBSTITUTE APPARATUS

Title (de)
RAUCHERSATZVORRICHTUNG

Title (fr)
APPAREIL DE SUBSTITUTION DU TABAC

Publication
EP 3794987 A1 20210324 (EN)

Application
EP 19198631 A 20190920

Priority
EP 19198631 A 20190920

Abstract (en)
[origin: WO2021053228A1] A smoking substitute apparatus for generating an aerosol for inhalation by a user. The smoking substitute apparatus comprising: an air inlet and an outlet; a passage extending between the air inlet and the outlet, air flowing in use along the passage for inhalation by a user drawing air through the apparatus; and an aerosol generation chamber containing an aerosol generator being operable to generate an aerosol from an aerosol precursor, the aerosol generation chamber being in communication with the passage, a downstream portion of the passage being provided downstream of the aerosol generator. Wherein, in use, aerosol being entrained in airflow in the downstream portion of the passage, the downstream portion of the passage and the aerosol generation chamber each having at least one inner-facing wall, there being provided at least one drop guidance drain formed on the inner-facing wall of the downstream portion of the passage and/or of the aerosol generation chamber, such that, in use, when the apparatus is held upright so that air flow to the outlet is upwards, drops of condensate formed on the inner-facing wall flow downwards under gravity and are guided by the drop guidance drain to the aerosol generator.

IPC 8 full level
A24F 40/40 (2020.01)

CPC (source: EP US)
A24F 40/10 (2020.01 - US); **A24F 40/40** (2020.01 - EP); **A24F 40/44** (2020.01 - US); **A24F 40/48** (2020.01 - US); **A24F 40/485** (2020.01 - US); **A24F 40/50** (2020.01 - US); **A24F 40/10** (2020.01 - EP)

Citation (search report)

- [XA] CN 108783594 A 20181113 - CHANGZHOU PAITENG ELECTRONIC TECH SERVICE CO LTD
- [XA] CA 3063520 A1 20181122 - RAI STRATEGIC HOLDINGS INC [US]
- [A] EP 3158883 A2 20170426 - SHENZHEN FIRST UNION TECH CO [CN]

Cited by
WO2021053228A1

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

DOCDB simple family (publication)
EP 3794987 A1 20210324; EP 3930505 A1 20220105; US 2022202073 A1 20220630; WO 2021053228 A1 20210325

DOCDB simple family (application)
EP 19198631 A 20190920; EP 2020076303 W 20200921; EP 20789851 A 20200921; US 202217695317 A 20220315