

Title (en)

LIQUID CARTRIDGE INSERTABLE TO ELECTRICALLY HEATED SMOKING OBJECT, ELECTRICALLY HEATED SMOKING OBJECT COMPRISING SAME, AND DEVICE AND SYSTEM FOR GENERATING AEROSOL FOR SAME

Title (de)

FLÜSSIGKEITSPATRONE, DIE IN EINEN ELEKTRISCH BEHEIZTEN RAUCHARTIKEL EINGESETZT WERDEN KANN, ELEKTRISCH BEHEIZTER RAUCHARTIKEL DAMIT SOWIE VORRICHTUNG UND SYSTEM ZUR AEROSOLERZEUGUNG DAFÜR

Title (fr)

CAROTUOUE DE LIQUIDE INSÉRABLE DANS UN OBJET À FUMER CHAUFFÉ ÉLECTRIQUEMENT, OBJET À FUMER CHAUFFÉ ÉLECTRIQUEMENT LA COMPRENANT ET DISPOSITIF ET SYSTÈME DE GÉNÉRATION D'AÉROSOL ASSOCIÉS

Publication

EP 3915404 A4 20221116 (EN)

Application

EP 20745034 A 20200128

Priority

- KR 20190009335 A 20190124
- KR 20190101077 A 20190819
- KR 20190119221 A 20190927
- KR 20190119452 A 20190927
- KR 20190150221 A 20191121
- KR 2020001277 W 20200128

Abstract (en)

[origin: EP3915404A1] The present invention provides a liquid cartridge that can be inserted into an electrically heated smoking article, the liquid cartridge comprising: a liquid composition; an absorbent soaked with the liquid composition; and wrapping paper wrapped around the side of the absorbent in a cylindrical shape measuring 7 to 20 mm long and 5 to 8 mm in diameter, wherein the absorbent has a sufficient absorption rate to absorb 70 to 120 mg of liquid composition and keep the same in the liquid cartridge, and also provides an electrically heated smoking article and an aerosol generating device and system therefor, the electrically heated smoking article comprising: a filter; a liquid cartridge located upstream of the filter; and a tobacco filler containing shredded tobacco located upstream of the filter and located upstream or downstream of the liquid cartridge, wherein the filter, liquid cartridge, and tobacco filler are wrapped in wrapping paper to form a smoking article.

IPC 8 full level

A24D 1/20 (2020.01); **A24B 15/167** (2020.01); **A24F 40/30** (2020.01); **A24F 40/42** (2020.01); **A24F 40/465** (2020.01); **H05B 1/02** (2006.01); **A24F 40/10** (2020.01)

CPC (source: EP KR)

A24B 15/167 (2016.10 - EP KR); **A24D 1/20** (2020.01 - EP); **A24F 40/30** (2020.01 - EP); **A24F 40/10** (2020.01 - EP); **A24F 40/20** (2020.01 - EP); **A24F 40/465** (2020.01 - EP)

Citation (search report)

- [XAI] US 2008092912 A1 20080424 - ROBINSON JOHN HOWARD [US], et al
- [XA] WO 2016055653 A1 20160414 - JT INT SA [CH]
- [E] EP 3900552 A1 20211027 - INNO IT CO LTD [KR]
- [A] US 2015313283 A1 20151105 - COLLETT WILLIAM ROBERT [US], et al
- See references of WO 2020153828A1

Cited by

EP3995020A4; WO2024086210A1; WO2024094657A1; WO2024003112A1; US11606969B1; US11632981B2

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

DOCDB simple family (publication)

EP 3915404 A1 20211201; EP 3915404 A4 20221116; CN 113329643 A 20210831; CN 113329643 B 20230523; KR 20200092267 A 20200803

DOCDB simple family (application)

EP 20745034 A 20200128; CN 202080010520 A 20200128; KR 20200009696 A 20200128