

Title (en)

ELECTRONIC CIGARETTE FILLER AND ELECTRONIC CIGARETTE CARTRIDGE USING SAME

Title (de)

ELEKTRONISCHER ZIGARETTENFÜLLSTOFF UND DAMIT VERSEHENE KARTUSCHE EINER ELEKTRONISCHEN ZIGARETTE

Title (fr)

CHARGE POUR CIGARETTE ÉLECTRONIQUE ET CARTOUCHE DE CIGARETTE ÉLECTRONIQUE L'UTILISANT

Publication

EP 3756489 B1 20240731 (EN)

Application

EP 18906995 A 20180301

Priority

- JP 2018031034 A 20180223
- JP 2018032617 A 20180226
- JP 2018007856 W 20180301

Abstract (en)

[origin: EP3756489A1] [OBJECT]To provide an electronic cigarette filler using a non-tobacco plant, which has an effect to prevent dropping or falling of the filler from an electronic cigarette cartridge before use and after use.[SOLUTION TO PROBLEM]An electronic cigarette filler using a non-tobacco plant, which contains an aerosol former and microcrystalline cellulose.

IPC 8 full level

A24F 47/00 (2020.01); **A24B 15/16** (2020.01); **A24B 15/30** (2006.01)

CPC (source: EP KR RU US)

A24B 15/16 (2013.01 - EP KR RU); **A24B 15/167** (2016.11 - US); **A24B 15/18** (2013.01 - KR); **A24B 15/281** (2013.01 - EP); **A24B 15/302** (2013.01 - EP); **A24C 5/01** (2020.01 - US); **A24D 1/18** (2013.01 - KR US); **A24D 1/20** (2020.01 - KR US); **A24F 7/00** (2013.01 - KR); **A24F 40/20** (2020.01 - US); **A24F 40/42** (2020.01 - KR)

Cited by

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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 3756489 A1 20201230; **EP 3756489 A4 20220302**; **EP 3756489 B1 20240731**; **EP 3756489 C0 20240731**; CN 111741686 A 20201002; JP 2019141018 A 20190829; JP 2019141024 A 20190829; JP 2020195390 A 20201210; JP 2021101718 A 20210715; JP 2021166511 A 20211021; JP 2021166512 A 20211021; JP 2021166518 A 20211021; JP 2023101478 A 20230721; JP 6371928 B1 20180808; JP 6859000 B2 20210414; JP 6865469 B2 20210428; KR 102540429 B1 20230605; KR 20200105523 A 20200907; RU 2757564 C1 20211018; US 2021092992 A1 20210401; WO 2019163146 A1 20190829

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EP 18906995 A 20180301; CN 201880089884 A 20180301; JP 2018007856 W 20180301; JP 2018032617 A 20180226; JP 2018095815 A 20180518; JP 2020141176 A 20200824; JP 2021048136 A 20210323; JP 2021094010 A 20210604; JP 2021094011 A 20210604; JP 2021097574 A 20210610; JP 2023046301 A 20230323; KR 20207023932 A 20180301; RU 2020131109 A 20180301; US 201816970755 A 20180301