

Title (en)

AEROSOL-GENERATING MATERIAL ROD SEGMENT

Title (de)

STABSEGMENT AUS AEROSOLERZEUGENDEM MATERIAL

Title (fr)

SEGMENT DE TIGE DE MATÉRIAUX DE GÉNÉRATION D'AÉROSOL

Publication

EP 4223153 A1 20230809 (EN)

Application

EP 23154334 A 20180919

Priority

- GB 201715380 A 20170922
- EP 18783370 A 20180919
- EP 2018075395 W 20180919

Abstract (en)

An apparatus (100) for producing aerosol-generating material rod segments (126), the apparatus (100) comprising: a first cutter (106) arranged to cut a sheet of aerosol-generating material (104) longitudinally to produce a plurality of aerosol-generating material strands (112); a gatherer (114) arranged to gather the strands (112) together to form an aerosol-generating material rod (120) in which each of the plurality of aerosol-generating material strands (112) is substantially non-coiled; and a second cutter (124) arranged to cut the aerosol-generating material rod (120) into segments (126) to produce said aerosol-generating material rod segments (126).

IPC 8 full level

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Citation (search report)

- [X] EP 0246107 A2 19871119 - REYNOLDS TOBACCO CO R [US]
- [X] US 5025814 A 19910625 - RAKER MARK L [US]
- [I] GB 1234786 A 19710609 - GALLAHER LTD [IE]
- [A] US 4047536 A 19770913 - ASFOUR EMIL S

Designated contracting state (EPC)

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KH MA MD TN

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WO 2019057796 A1 20190328; AU 2018335829 A1 20200402; AU 2018335829 B2 20210722; AU 2021240163 A1 20211028;
BR 112020005578 A2 20201027; CA 3075903 A1 20190328; CA 3075903 C 20230919; CL 2020000681 A1 20200731;
CN 111132563 A 20200508; CN 115581312 A 20230110; EP 3684201 A1 20200729; EP 3684201 B1 20230315; EP 4223153 A1 20230809;
ES 2941515 T3 20230523; GB 201715380 D0 20171108; HU E061677 T2 20230828; JP 2020533979 A 20201126; JP 2022165990 A 20221101;
JP 7111804 B2 20220802; KR 102472104 B1 20221128; KR 20200038536 A 20200413; KR 20220162866 A 20221208; LT 3684201 T 20230411;
MX 2020002946 A 20200722; MY 196181 A 20230320; PL 3684201 T3 20230502; PT 3684201 T 20230404; RU 2021110239 A 20210422;
RU 2746545 C1 20210415; US 2020253286 A1 20200813

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CA 3075903 A 20180919; CL 2020000681 A 20200316; CN 201880061431 A 20180919; CN 202211399059 A 20180919;
EP 18783370 A 20180919; EP 23154334 A 20180919; ES 18783370 T 20180919; GB 201715380 A 20170922; HU E18783370 A 20180919;
JP 2020514166 A 20180919; JP 2022116393 A 20220721; KR 20207008098 A 20180919; KR 20227041103 A 20180919;
LT US2018075395 T 20180919; MX 2020002946 A 20180919; MY PI2020001090 A 20180919; PL 18783370 T 20180919;
PT 18783370 T 20180919; RU 2020111145 A 20180919; RU 2021110239 A 20180919; US 201816649726 A 20180919