

Title (en)
FLUE-CURED TOBACCO APPLIANCE AND HEATING ASSEMBLY THEREOF

Title (de)
RAUCHGEHÄRTETE TABAKVORRICHTUNG UND HEIZANORDNUNG DAFÜR

Title (fr)
APPAREIL DE TABAC ÉTUVÉ ET SON ENSEMBLE CHAUFFANT

Publication
EP 3815559 A4 20210901 (EN)

Application
EP 19862598 A 20190821

Priority
• CN 201811110087 A 20180921
• CN 2019101822 W 20190821

Abstract (en)
[origin: EP3815559A1] An aerosol generating device and a heating assembly (2) thereof, comprising a heating member (21). The heating member (21) comprises a sheet-like substrate (212) and an electric conductive path (214) provided on an outer side of the sheet-like substrate (212). The electric conductive path (214) comprises a heat generating resistance portion (2141) and an electrical connection portion electrically connected to the heat generating resistance portion (2141). The heat generating resistance portion (2141) and the electrical connection portion are arranged along a length direction of the sheet-like substrate (212). Since no heating zone is provided between a second end where a mounting base (23) is located and a conductive electrode (2142), the possibility of generating harmful gas is reduced, and there can be more choices for the material of the mounting base, so that the cost is reduced. There is a large temperature gradient between the section corresponding to the heat generating resistance portion (2141) of the heating element into which the tobacco is inserted and the section corresponding to the conductive electrode (2142). The temperature of the section corresponding to the conductive electrode (2142) is relatively low, and the heating dissipation is small, which is conducive to the effective use of energy.

IPC 8 full level
H05B 3/26 (2006.01); **A24F 40/20** (2020.01); **A24F 40/46** (2020.01)

CPC (source: CN EP KR)
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Citation (search report)
• [X1] CN 107373776 A 20171124 - SHENZHEN YUNMENG TECH CO LTD
• [X1] CN 205757216 U 20161207 - ZHUHAI 4U ELECTRONIC CERAM CO LTD
• [X1] WO 2014102092 A1 20140703 - PHILIP MORRIS PROD [CH]
• [X1] WO 2016124552 A1 20160811 - PHILIP MORRIS PRODUCTS SA [CH]
• [X1] EP 2921065 A1 20150923 - PHILIP MORRIS PRODUCTS SA [CH]
• See also references of WO 2020057313A1

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

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DOCDB simple family (publication)
EP 3815559 A1 20210505; **EP 3815559 A4 20210901**; CN 109123804 A 20190104; JP 2022501008 A 20220106; JP 7263405 B2 20230424; KR 102643659 B1 20240305; KR 20210031687 A 20210322; WO 2020057313 A1 20200326

DOCDB simple family (application)
EP 19862598 A 20190821; CN 201811110087 A 20180921; CN 2019101822 W 20190821; JP 2020571627 A 20190821; KR 20217000583 A 20190821