

Title (en)  
TOBACCO FILLER ASSEMBLY AND ELECTRONIC CIGARETTE CARTRIDGE

Title (de)  
TABAKFÜLLANORDNUNG UND KARTUSCHE FÜR ELEKTRONISCHE ZIGARETTEN

Title (fr)  
ENSEMBLE DE REMPLISSAGE DE TABAC ET CARTOUCHE DE CIGARETTE ÉLECTRONIQUE

Publication  
**EP 4378326 A2 20240605 (EN)**

Application  
**EP 24162619 A 20180704**

Priority  

- JP 2018125776 A 20180702
- EP 18889964 A 20180704
- JP 2018025327 W 20180704

Abstract (en)  
A tobacco filler assembly and an electronic cigarette cartridge, which improve the fluidity of the air flow inside the tobacco filler assembly while securing a certain filling rate or more for the tobacco filler assembly as a whole and not allow a tobacco filler to easily drop out, are provided. A tobacco filler assembly is obtained by accumulating long tobacco fillers 20 in a bundle and whose outer peripheral portion is wound with a sheet-shaped package 25, in which each tobacco filler 20 is formed such that a dimension in a long side direction is longer than a dimension in a short side direction in a cross section orthogonal to a length direction, and a long side direction of a tobacco filler 20 of an outermost peripheral portion in contact with the package 25 is directed in a direction approximately along a circumferential direction or the long side direction of the tobacco filler is directed in a direction other than the direction approximately along the circumferential direction, and the number of tobacco fillers 20 whose long side directions are directed in the direction approximately along the circumferential direction is larger than the number of tobacco fillers 20 whose long side directions are directed in the direction other than the direction approximately along the circumferential direction.

IPC 8 full level  
**A24C 5/18** (2006.01)

CPC (source: CN EP KR RU US)  
**A24B 3/14** (2013.01 - US); **A24B 15/16** (2013.01 - EP KR); **A24B 15/167** (2016.11 - US); **A24C 5/01** (2020.01 - EP US); **A24C 5/1814** (2013.01 - EP KR); **A24D 1/006** (2013.01 - US); **A24D 1/042** (2013.01 - US); **A24D 1/18** (2013.01 - EP KR US); **A24D 1/20** (2020.01 - CN EP KR US); **A24F 15/01** (2020.01 - CN); **A24F 40/20** (2020.01 - KR US); **A24F 40/42** (2020.01 - KR); **A24F 47/00** (2013.01 - RU)

Citation (applicant)  

- JP 2010520764 A 20100617
- JP 2015519915 A 20150716
- JP H06109715 A 19940422 - SHIMADZU CORP

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 3616537 A1 20200304**; **EP 3616537 A4 20210127**; CN 110141006 A 20190820; CN 110141006 B 20201124; CN 112315023 A 20210205; CN 112315023 B 20211214; EP 4378326 A2 20240605; JP 2020000204 A 20200109; JP 6516907 B1 20190522; KR 102080457 B1 20200224; KR 102247805 B1 20210503; KR 20200004782 A 20200114; KR 20200020974 A 20200226; RU 2020113135 A 20200529; RU 2719202 C1 20200417; TW 202005561 A 20200201; TW 202033122 A 20200916; TW I690275 B 20200411; TW I764102 B 20220511; US 2021368859 A1 20211202; US 2024156154 A1 20240516; WO 202008552 A1 20200109

DOCDB simple family (application)  
**EP 18889964 A 20180704**; CN 201910571274 A 20190628; CN 202011208374 A 20190628; EP 24162619 A 20180704; JP 2018025327 W 20180704; JP 2018125776 A 20180702; KR 20197015332 A 20180704; KR 20207004598 A 20180704; RU 2019126778 A 20180704; RU 2020113135 A 20180704; TW 108123073 A 20190701; TW 109106627 A 20190701; US 201816758766 A 20180704; US 202418421566 A 20240124