

Title (en)
AEROSOL GENERATING DEVICE

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication
EP 4154740 A4 20240103 (EN)

Application
EP 21846775 A 20210202

Priority
• CN 202010725876 A 20200724
• CN 2021074931 W 20210202

Abstract (en)
[origin: EP4154740A1] The present invention relates to an aerosol generating device, comprising a main machine, an extractor which can be provided in a manner of being separated from the main machine, and a heating member provided on the main machine. An accommodating space used for accommodating an aerosol generating matrix is formed in the extractor. The heating member comprises a heating portion which is used for being inserted into the aerosol generating matrix in the accommodating space. When the extractor is at a first position, the heating portion is capable of heating the aerosol generating matrix. When the extractor is at a second position, the extractor is separated from the main machine, so that the heating portion is separated from the aerosol generating matrix, thus the aerosol generating matrix can be conveniently and quickly pulled out of the extractor and the aerosol generating matrix is not damaged, thereby avoiding residual substances on the aerosol generating matrix from remaining in the extractor.

IPC 8 full level
A24F 40/40 (2020.01); **A24F 40/46** (2020.01); **A24F 47/00** (2020.01); **A24F 40/20** (2020.01)

CPC (source: CN EP KR)
A24F 40/40 (2020.01 - CN EP KR); **A24F 40/46** (2020.01 - CN KR); **A24F 40/485** (2020.01 - EP KR); **H01F 7/00** (2013.01 - KR); **A24F 40/20** (2020.01 - EP KR); **A24F 40/46** (2020.01 - EP)

Citation (search report)
• [XAI] WO 2019119650 A1 20190627 - SHANGHAI NEW TOBACCO PRODUCT RES INST CO LTD [CN], et al
• [XAI] US 2019320719 A1 20191024 - LIU HUACHEN [CN], et al
• [I] WO 2020104490 A1 20200528 - JT INT SA [CH]
• See also references of WO 2022016853A1

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 4154740 A1 20230329; **EP 4154740 A4 20240103**; CN 111904031 A 20201110; CN 111904031 B 20240827; JP 2023534395 A 20230809; JP 7528274 B2 20240805; KR 20230019860 A 20230209; WO 2022016853 A1 20220127

DOCDB simple family (application)
EP 21846775 A 20210202; CN 202010725876 A 20200724; CN 2021074931 W 20210202; JP 2022578965 A 20210202; KR 20227044619 A 20210202