

Title (en)  
MAIN BODY UNIT OF AEROSOL GENERATION DEVICE, AEROSOL GENERATION DEVICE, AND NON-COMBUSTION SUCTION DEVICE

Title (de)  
HAUPTKÖRPEREINHEIT EINER AEROSOLERZEUGUNGSVORRICHTUNG, AEROSOLERZEUGUNGSVORRICHTUNG UND VERBRENNUNGSFREIE SAUGVORRICHTUNG

Title (fr)  
UNITÉ DE CORPS PRINCIPAL DE DISPOSITIF DE GÉNÉRATION D'AÉROSOL, DISPOSITIF DE GÉNÉRATION D'AÉROSOL, ET DISPOSITIF D'ASPIRATION SANS COMBUSTION

Publication  
**EP 4179885 A4 20240410 (EN)**

Application  
**EP 20944535 A 20200709**

Priority  
JP 2020026855 W 20200709

Abstract (en)  
[origin: EP4179885A1] A main body unit of an aerosol generation device according to an aspect of the present invention includes a cartridge accommodation portion configured to accommodate a cartridge; and an outer case configured to at least surround part of an outer circumference of the cartridge accommodation portion, wherein the outer case includes a main body case in which an opening portion is formed; and a cover member provided in the opening portion, an air inlet is formed in a gap between the cover member and the opening portion, and an air hole that allows fluid communication between the air inlet and the inside of the cartridge accommodation portion is formed at a position where the cover member and the main body case are overlapped each other.

IPC 8 full level  
**A24F 40/40** (2020.01); **A24F 40/42** (2020.01); **A24F 40/485** (2020.01); **A24F 40/10** (2020.01); **A24F 40/20** (2020.01); **A24F 40/30** (2020.01)

CPC (source: EP)  
**A24F 40/40** (2020.01); **A24F 40/42** (2020.01); **A24F 40/485** (2020.01); **A24F 40/10** (2020.01); **A24F 40/20** (2020.01); **A24F 40/30** (2020.01)

Citation (search report)

- [XAI] EP 3556230 A2 20191023 - KT & G COPORATION [KR]
- [A] US 2019335820 A1 20191107 - WATANABE TOMOICHI [JP]
- [A] CN 111278310 A 20200612 - NICOVENTURES HOLDINGS LTD
- [A] WO 2018190606 A1 20181018 - KT & G CORP [KR]
- See also references of WO 2022009387A1

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 4179885 A1 20230517**; **EP 4179885 A4 20240410**; CN 115666288 A 20230131; JP 7374326 B2 20231106; JP WO2022009387 A1 20220113; WO 2022009387 A1 20220113

DOCDB simple family (application)  
**EP 20944535 A 20200709**; CN 202080101084 A 20200709; JP 2020026855 W 20200709; JP 2022534593 A 20200709