

Title (en)

BATTERY UNIT, AEROSOL GENERATION DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM

Title (de)

BATTERIEEINHEIT, AEROSOLERZEUGUNGSVORRICHTUNG, INFORMATIONSVERARBEITUNGSVERFAHREN UND PROGRAMM

Title (fr)

UNITÉ DE BATTERIE, DISPOSITIF DE GÉNÉRATION D'AÉROSOL, PROCÉDÉ DE TRAITEMENT D'INFORMATIONS ET PROGRAMME

Publication

EP 4023089 A4 20230614 (EN)

Application

EP 19946428 A 20190925

Priority

JP 2019037445 W 20190925

Abstract (en)

[origin: EP4023089A1] Provided is a battery unit for an aerosol generation device that generates aerosol, the battery unit comprising: a communication unit (108) that performs wireless communication between the aerosol generation device and a user terminal (2); and a control unit (106) that determines the connection status between the battery unit and a cartridge equipped with an atomization unit (118) that atomizes an aerosol source. The control unit (106) controls the wireless communication on the basis of the connection status. Accordingly, the consumption of a battery (110), with which the aerosol generation device is equipped, can be reduced.

IPC 8 full level

A24F 40/50 (2020.01); **A24F 40/53** (2020.01); **A24F 40/60** (2020.01); **A24F 40/65** (2020.01)

CPC (source: EP)

A24F 40/50 (2020.01); **A24F 40/53** (2020.01); **A24F 40/60** (2020.01); **A24F 40/65** (2020.01)

Citation (search report)

- [XY] US 2018280640 A1 20181004 - BAKER DARRYL [GB], et al
- [XY] US 2018292846 A1 20181011 - HENRY RAYMOND CHARLES [US], et al
- [Y] WO 2019162157 A1 20190829 - NERUDIA LTD [GB]
- [A] GB 2519101 A 20150415 - NICOVENTURES HOLDINGS LTD [GB]
- See references of WO 2021059373A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 19946428 A 20190925; JP 2019037445 W 20190925; JP 2021548023 A 20190925; TW 109106251 A 20200226