

Title (en)
CONTROL UNIT, AEROSOL GENERATION DEVICE, METHOD AND PROGRAM FOR CONTROLLING HEATER, AND SMOKING ARTICLE

Title (de)
STEUEREINHEIT, AEROSOLERZEUGUNGSVORRICHTUNG, VERFAHREN UND PROGRAMM ZUR STEUERUNG DES HEIZAGGREGATS UND RAUCHARTIKEL

Title (fr)
UNITÉ DE COMMANDE, DISPOSITIF DE GÉNÉRATION D'AÉROSOL, PROCÉDÉ ET PROGRAMME DE COMMANDE DE DISPOSITIF DE CHAUFFAGE, ET ARTICLE À FUMER

Publication
EP 3871531 A4 20220713 (EN)

Application
EP 18938030 A 20181026

Priority
JP 2018039919 W 20181026

Abstract (en)
[origin: EP3871531A1] This aerosol generation device is provided with at least one element that makes it possible to adjust an aerosol delivery amount, and a controller for controlling the element. The controller is configured to control the element so that an aerosol delivery profile in a preset period in which suction is possible includes an initial period in which said aerosol delivery profile increases with a gradually increasing gradient relative to a time axis, a final period in which said aerosol delivery profile decreases with a gradually decreasing gradient relative to the time axis, and an intermediate period that includes one or more local maximum values between the initial period and the final period.

IPC 8 full level
A24F 40/50 (2020.01); **A24F 40/57** (2020.01)

CPC (source: EP)
A24F 40/50 (2020.01); **A24F 40/57** (2020.01); **A24F 40/20** (2020.01)

Citation (search report)

- [X] EP 2770859 A1 20140903 - PHILIP MORRIS PROD [CH]
- [A] US 2018042308 A1 20180215 - TAKEUCHI MANABU [JP], et al
- [A] EP 3210481 A1 20170830 - JAPAN TOBACCO INC [JP]
- See references of WO 2020084776A1

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 3871531 A1 20210901; EP 3871531 A4 20220713; CN 112955040 A 20210611; JP 7117390 B2 20220812; JP WO2020084776 A1 20210902; TW 202015564 A 20200501; WO 2020084776 A1 20200430

DOCDB simple family (application)
EP 18938030 A 20181026; CN 201880099021 A 20181026; JP 2018039919 W 20181026; JP 2020552485 A 20181026; TW 107140581 A 20181115