

Title (en)

CONTROL UNIT OF AEROSOL GENERATION DEVICE

Title (de)

STEUEREINHEIT EINER AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

UNITÉ DE COMMANDE D'UN DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication

EP 3935969 A1 20220112 (EN)

Application

EP 21183961 A 20210706

Priority

JP 2020118105 A 20200708

Abstract (en)

A control unit of an aerosol generation device includes: a sensor configured to output inhalation by a user; and a processing device configured to control discharge from a power supply to an atomizer configured to atomize an aerosol source. The processing device is configured: to acquire an inhalation time that is a length of each inhalation and an discharge time that is a length of discharge to the atomizer corresponding to each inhalation, based on an output of the sensor; and to acquire at least one of a remaining amount of a flavor source configured to add flavor to aerosol generated from the aerosol source and a consumed amount of the flavor source, based on the inhalation time and the discharge time.

IPC 8 full level

A24F 40/30 (2020.01); **A24F 40/50** (2020.01)

CPC (source: EP US)

A24F 40/30 (2020.01 - EP); **A24F 40/50** (2020.01 - EP); **A24F 40/51** (2020.01 - US); **A24F 40/53** (2020.01 - US); **A24F 40/57** (2020.01 - US); **A24F 40/10** (2020.01 - EP)

Citation (applicant)

- WO 2016076147 A1 20160519 - JAPAN TOBACCO INC [JP]
- JP 6462965 B2 20190130

Citation (search report)

- [E] EP 3871523 A1 20210901 - JAPAN TOBACCO INC [JP]
- [XA] US 2019335816 A1 20191107 - YAMADA MANABU [JP], et al
- [A] US 2018352863 A1 20181213 - NAKANO TAKUMA [JP], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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