

Title (en)

AEROSOL GENERATOR POWER-SUPPLY UNIT

Title (de)

STROMVERSORGUNGSEINHEIT FÜR AEROSOLGENERATOR

Title (fr)

UNITÉ D'ALIMENTATION ÉLECTRIQUE DE GÉNÉRATEUR D'AÉROSOL

Publication

EP 4248773 A1 20230927 (EN)

Application

EP 21894235 A 20210520

Priority

- JP 2020193900 A 20201120
- JP 2021019236 W 20210520

Abstract (en)

An MCU (63) of an aerosol aspirator (1) is capable of determining whether menthol is contained in an aerosol source (71) and a flavor source (52) and controls, in a menthol mode, electric discharges with respect to a first load (45) for heating the aerosol source (71) and a second load (34) for heating the flavor source (52) when it is determined that menthol is contained in the aerosol source (71). In contrast, when it is determined that menthol is not contained in the aerosol source (71) and the flavor source (52), the electric discharges with respect to the first load (45) and the second load (34) are controlled in a regular mode. The form of the electric discharges with respect to the first load (45) and the second load (34) in the menthol mode differs from the form of the electric discharges with respect to the first load (45) and the second load (34) in the regular mode.

IPC 8 full level

A24F 40/46 (2020.01); **A24F 40/50** (2020.01); **A24F 40/57** (2020.01)

CPC (source: EP KR US)

A24B 15/34 (2013.01 - KR); **A24F 40/30** (2020.01 - EP KR); **A24F 40/46** (2020.01 - EP KR US); **A24F 40/50** (2020.01 - EP KR US); **A24F 40/57** (2020.01 - KR); **A24B 15/283** (2013.01 - KR); **A24F 40/10** (2020.01 - EP KR); **A24F 40/20** (2020.01 - EP KR)

Citation (search report)

See references of WO 2022107358A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

US 2023089306 A1 20230323; CN 115697104 A 20230203; EP 4248773 A1 20230927; JP 2022082384 A 20220601; JP 6915142 B1 20210804; KR 20230088308 A 20230619; WO 2022107358 A1 20220527

DOCDB simple family (application)

US 202218070815 A 20221129; CN 202180039399 A 20210520; EP 21894235 A 20210520; JP 2020193900 A 20201120; JP 2021019236 W 20210520; KR 20227041769 A 20210520