

Title (en)

POWER SUPPLY UNIT FOR AEROSOL PRODUCTION DEVICE

Title (de)

STROMVERSORGUNGSEINHEIT FÜR AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)

BLOC D'ALIMENTATION POUR DISPOSITIF DE PRODUCTION D'AÉROSOL

Publication

EP 4248774 A1 20230927 (EN)

Application

EP 21894237 A 20210521

Priority

- JP 2020193899 A 20201120
- JP 2021019456 W 20210521

Abstract (en)

An MCU (63) provided to this power supply unit (10) for an aerosol suction apparatus (1) is configured so as to be capable of executing a judgment as to whether menthol is contained in each of an aerosol source (71) and a flavor source (52). In the MCU (63), the state of discharge to a first load (45) and/or to a second load (34) when menthol is contained in only the flavor source (52) differs from both the state of discharge to the first load (45) and/or to the second load (34) when menthol is contained in both the aerosol source (71) and the flavor source (52) and the state of discharge to the first load (45) and/or to the second load (34) when menthol is contained in only the aerosol source (71).

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 40/10** (2020.01 - US); **A24F 40/30** (2020.01 - KR); **A24F 40/42** (2020.01 - KR US); **A24F 40/46** (2020.01 - KR US); **A24F 40/50** (2020.01 - EP KR); **A24F 40/51** (2020.01 - KR US); **A24F 40/57** (2020.01 - EP KR); **A24F 40/10** (2020.01 - KR); **A24F 40/20** (2020.01 - KR); **A24F 40/30** (2020.01 - EP)

Citation (search report)

See references of WO 2022107360A1

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 2023097549 A1 20230330; CN 115697105 A 20230203; EP 4248774 A1 20230927; JP 2022082383 A 20220601; JP 6922062 B1 20210818; KR 20230107747 A 20230718; WO 2022107360 A1 20220527

DOCDB simple family (application)

US 202218070637 A 20221129; CN 202180039400 A 20210521; EP 21894237 A 20210521; JP 2020193899 A 20201120; JP 2021019456 W 20210521; KR 20227041771 A 20210521