

Title (en)
AEROSOL GENERATOR

Title (de)
AEROSOLERZEUGER

Title (fr)
GÉNÉRATEUR D'AÉROSOL

Publication
EP 4248771 A1 20230927 (EN)

Application
EP 21894318 A 20210922

Priority
• JP 2020193897 A 20201120
• JP 2021034885 W 20210922

Abstract (en)
Provided is an aerosol generator capable of stably supplying an appropriate amount of menthol to a user. An aerosol aspirator (1) has a storage chamber (42) for storing an aerosol source (71), a heating chamber (43) for generating an aerosol (72), and a capsule (50) having an accommodation chamber (53) for accommodating a flavor source (52). The heating chamber (43) accommodates a wick (44) that is held in the heating chamber (43) and transports the aerosol source (71) stored in the storage chamber (42) to the heating chamber (43), and a first load (45) that heats the aerosol source (71) held in the wick (44). The aerosol source (71) and the flavor source (52) both include menthol (80). The aerosol aspirator (1) is provided with an aerosol flow path (90) that connects the heating chamber (43) and the accommodation chamber (53) and transports the aerosol source (71) vaporized and/or atomized by the first load (45) in the heating chamber (43) to the accommodation chamber (53).

IPC 8 full level
A24F 40/30 (2020.01); **A24F 40/40** (2020.01); **A24F 40/46** (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 40/42** (2020.01 - KR US); **A24F 40/46** (2020.01 - KR US); **A24F 40/485** (2020.01 - KR); **A24F 40/50** (2020.01 - KR US); **A24F 40/57** (2020.01 - KR); **A24F 40/10** (2020.01 - EP KR); **A24F 40/20** (2020.01 - EP KR); **A24F 40/57** (2020.01 - EP)

Citation (search report)
See references of WO 2022107443A1

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 2023103974 A1 20230406; CN 115768293 A 20230307; EP 4248771 A1 20230927; JP 2022082381 A 20220601; JP 2022082416 A 20220601; JP 6899480 B1 20210707; KR 20230107746 A 20230718; WO 2022107443 A1 20220527

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US 202217994417 A 20221128; CN 202180039421 A 20210922; EP 21894318 A 20210922; JP 2020193897 A 20201120; JP 2021034885 W 20210922; JP 2021098947 A 20210614; KR 20227041351 A 20210922