

Title (en)
HEATER ASSEMBLY AND FLAVOR INHALER

Title (de)
HEIZANORDNUNG UND AROMAINHALATOR

Title (fr)
ENSEMBLE DISPOSITIF DE CHAUFFAGE ET INHALATEUR D'ARÔME

Publication
EP 3995011 A4 20230315 (EN)

Application
EP 19935945 A 20190701

Priority
JP 2019026147 W 20190701

Abstract (en)
[origin: EP3995011A1] A heater assembly comprises a heater configured to atomize an aerosol source, an atomization chamber extending along a predetermined direction to form at least part of an aerosol channel through which aerosol passes, the aerosol being generated when the aerosol source is heated by the heater, and an intake channel configured to supply air from an inlet to the atomization chamber. The intake channel includes a first channel extending along the predetermined direction and leading to the inlet, a second channel extending from the first channel along an intersecting direction intersecting with the predetermined direction as viewed in a section of the heater assembly along the predetermined direction, and a third channel extending from the second channel along the predetermined direction.

IPC 8 full level
A24F 40/485 (2020.01); **A24F 40/46** (2020.01); **A24F 40/20** (2020.01)

CPC (source: EP)
A24F 40/46 (2020.01); **A24F 40/485** (2020.01); **A24F 40/20** (2020.01)

Citation (search report)

- [XA] WO 2019088586 A2 20190509 - KT & G CORP [KR]
- [XA] US 2014338686 A1 20141120 - PLOJOUX JULIEN [CH], et al
- [IA] CN 207040891 U 20180227 - SHENZHEN FIRST UNION TECH CO
- [IA] US 2019191769 A1 20190627 - QIU WEIHUA [CN]
- See also references of WO 2021001896A1

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 3995011 A1 20220511; EP 3995011 A4 20230315; EP 4186379 A1 20230531; JP 2023036937 A 20230314; JP 2024059999 A 20240501; JP 7208394 B2 20230118; JP 7453428 B2 20240319; JP WO2021001896 A1 20210107; TW 202102145 A 20210116; WO 2021001896 A1 20210107

DOCDB simple family (application)
EP 19935945 A 20190701; EP 22215920 A 20190701; JP 2019026147 W 20190701; JP 2021529574 A 20190701; JP 2023000413 A 20230105; JP 2024034513 A 20240307; TW 108130457 A 20190826