

Title (en)

HEATING PART AND NON-COMBUSTION-TYPE INHALER

Title (de)

HEIZTEIL UND INHALATOR OHNE VERBRENNUNG

Title (fr)

PIÈCE CHAUFFANTE ET INHALATEUR DU TYPE SANS COMBUSTION

Publication

EP 3987957 A4 20230830 (EN)

Application

EP 20826523 A 20200616

Priority

- JP 2019112912 A 20190618
- JP 2020023502 W 20200616

Abstract (en)

[origin: EP3987957A1] A heater (25) includes a liquid supply channel (58) which is formed in a main body and configured to transport a liquid, and atomizer (56) which is disposed near an outlet of the liquid supply channel in the main body and atomizes the liquid when the liquid is supplied. The heater is configured to be usable in a non-combustion-type suction device having a suction port. In the heater, a liquid exposure area (61), in which the liquid is exposed to a surface of the main body, is formed between the liquid supply channel and the atomizer.

IPC 8 full level

A24F 40/46 (2020.01); **A24F 40/48** (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP)

A24F 40/46 (2020.01); **A24F 40/48** (2020.01); **A24F 40/10** (2020.01)

Citation (search report)

- [XAI] US 2016262454 A1 20160915 - SEARS STEPHEN BENSON [US], et al
- [XAI] US 2017188626 A1 20170706 - DAVIS MICHAEL F [US], et al
- [XAI] US 2017172206 A1 20170622 - BARKLEY LUCAS D [US]
- [E] WO 2020223876 A1 20201112 - CENTRAL VICTORY LTD HK [CN]
- See references of WO 2020255939A1

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 3987957 A1 20220427; **EP 3987957 A4 20230830**; JP 7304417 B2 20230706; JP WO2020255939 A1 20211125; WO 2020255939 A1 20201224

DOCDB simple family (application)

EP 20826523 A 20200616; JP 2020023502 W 20200616; JP 2021528242 A 20200616