

Title (en)  
ELECTRICALLY-HEATED AEROSOL PRODUCING APPARATUS

Title (de)  
ELEKTRISCH BEHEIZTE AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE PRODUCTION D'AÉROSOL CHAUFFÉ ÉLECTRIQUEMENT

Publication  
**EP 4136989 A4 20240605 (EN)**

Application  
**EP 21788674 A 20210330**

Priority

- CN 202020562071 U 20200416
- CN 2021083744 W 20210330

Abstract (en)  
[origin: EP4136989A1] An electrically-heated aerosol producing apparatus (10), comprising a power supply component (12) and an atomizer (11). An air inlet channel (101) is provided at one end of the atomizer (11) connected to the power supply component (12) and in proximity to the power supply component (12). The atomizer (11) comprises an upper cover (100) and an accommodating element (200). The upper cover (100) is capable of accommodating the accommodating element (200). An accommodating cavity (223) used for accommodating an aerosol generating substrate (20) is provided within the accommodating element (200). The air inlet channel (101) runs through the upper cover (100) and the accommodating element (200) and is used for supplying a gas from the external environment to the aerosol generating substrate (20) in the accommodating cavity (223).

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

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

Citation (search report)

- [Y] EP 3610741 A1 20200219 - KT & G COPORATION [KR]
- [Y] CN 207836767 U 20180911 - KTANDG CORP
- [XAY] CN 110574968 A 20191217 - ZHUSI CO LTD
- See also references of WO 2021208714A1

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 4136989 A1 20230222**; **EP 4136989 A4 20240605**; CN 212852497 U 20210402; JP 2023520438 A 20230517; JP 7487332 B2 20240520; KR 20230002640 A 20230105; WO 2021208714 A1 20211021

DOCDB simple family (application)  
**EP 21788674 A 20210330**; CN 202020562071 U 20200416; CN 2021083744 W 20210330; JP 2022559689 A 20210330; KR 20227039427 A 20210330