

Title (en)  
ELECTRONIC ATOMIZATION DEVICE

Title (de)  
ELEKTRONISCHE ZERSTÄUBUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ATOMISATION ÉLECTRONIQUE

Publication  
**EP 4353099 A1 20240417 (EN)**

Application  
**EP 23182742 A 20230630**

Priority  
CN 202211197130 A 20220929

Abstract (en)  
An electronic atomization device is provided. The electronic atomization device (300) includes a housing (1), including an accommodating cavity (11) and an air outlet channel (12); an atomization base (2), disposed in the accommodating cavity (11), wherein the atomization base (2) is engaged with the housing (1) to form a liquid storage cavity (10); a top portion of the atomization base (2) includes an air outlet (25) in communication with the air outlet channel (12); an atomization core (3), disposed on the atomization base (2), wherein the atomization core (3) includes an atomization surface (31); and an electrical connector (6), wherein a length direction of the electrical connector (6) is parallel to the atomization surface (31) of the atomization core (3), and the side surface of the electrical connector (6) connects to the atomization surface (31).

IPC 8 full level  
**A24F 40/40** (2020.01); **A24F 40/44** (2020.01); **A24F 40/46** (2020.01)

CPC (source: EP US)  
**A24F 40/10** (2020.01 - US); **A24F 40/42** (2020.01 - US); **A24F 40/46** (2020.01 - EP US); **A24F 40/485** (2020.01 - US); **A24F 40/10** (2020.01 - EP)

Citation (search report)

- [XAI] CN 217284775 U 20220826 - ALD GROUP LTD
- [XAI] CN 114145492 A 20220308 - SHENZHEN HEYUAN SCIENCE AND TECH LIMITED COMPANY
- [XAI] CN 113892696 A 20220107 - SHENZHEN SMOORE TECHNOLOGY LTD
- [A] CN 216796483 U 20220624 - GIWANZHEN SCIENCE AND TECH CO LTD
- [A] WO 2022161129 A1 20220804 - SHENZHEN SMOORE TECHNOLOGY LTD [CN]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4353099 A1 20240417**; CN 117814533 A 20240405; US 2024108073 A1 20240404

DOCDB simple family (application)  
**EP 23182742 A 20230630**; CN 202211197130 A 20220929; US 202318470784 A 20230920