

Title (en)

LIQUID-CORE SEPARATED ATOMIZER, AND ELECTRONIC CIGARETTE COMPRISING ATOMIZER

Title (de)

FLÜSSIGKEITSKERNGETRENNTER ZERSTÄUBER UND ELEKTRONISCHE ZIGARETTE MIT ZERSTÄUBER

Title (fr)

ATOMISEUR SÉPARÉ À NOYAU LIQUIDE ET CIGARETTE ÉLECTRONIQUE COMPRENANT UN ATOMISEUR

Publication

**EP 4212031 A4 20240320 (EN)**

Application

**EP 21863759 A 20211105**

Priority

- CN 202021931728 U 20200907
- CN 202121467229 U 20210629
- CN 2021129113 W 20211105

Abstract (en)

[origin: EP4212031A1] Provided are an atomizer and an electronic cigarette comprising the atomizer. The atomizer comprises: a liquid storage chamber, comprising a liquid storage cavity for storing e-liquid; a liquid storage chamber base, arranged at the bottom of the liquid storage chamber; and an atomization core, provided with at least one liquid inlet hole. The atomization core is configured to be able to move from a first position to a second position. At the first position, the at least one liquid inlet hole is positioned outside the liquid storage chamber, and at the second position, the at least one liquid inlet hole is positioned inside the liquid storage chamber.

IPC 8 full level

**A24F 40/40** (2020.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01); **A24F 40/46** (2020.01); **A24F 47/00** (2020.01)

CPC (source: EP)

**A24F 40/42** (2020.01); **A24F 40/485** (2020.01); **A24F 40/10** (2020.01)

Citation (search report)

- [X] CN 111329109 A 20200626 - CHINA TOBACCO YUNNAN IND CO LTD
- [XAI] CN 111134370 A 20200512 - GUANGDONG SIGELEI ELECT TECH CO LTD
- [X] CN 110051044 A 20190726 - SHENZHEN IVPS TECH CO LTD
- [X] CN 204722254 U 20151028 - HUIZHOU KIMREE TECHNOLOGY CO LTD
- [XAI] US 2020196677 A1 20200625 - LIU TUANFANG [CN]
- See also references of WO 2022048697A1

Designated contracting state (EPC)

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