

Title (en)  
ATOMIZER AND ELECTRONIC CIGARETTE COMPRISING THE SAME

Title (de)  
ZERSTÄUBER UND ELEKTRONISCHE ZIGARETTE DAMIT

Title (fr)  
DISPOSITIF D'ATOMISATION ET CIGARETTE ÉLECTRONIQUE LE COMPRENANT

Publication  
**EP 4091481 A1 20221123 (EN)**

Application  
**EP 21000317 A 20211110**

Priority  
• CN 202110531210 A 20210516  
• CN 202121045588 U 20210516

Abstract (en)  
An atomizer includes an e-liquid tank (1), an atomizing core, and an isolation member (2). The e-liquid tank includes an e-liquid chamber (105) and the atomizing core includes an at least one e-liquid inlet (301). The at least one e-liquid inlet communicates with the e-liquid chamber. The isolation member is disposed around and movable with respect to the atomizing core, and is configured to close the at least one e-liquid inlet. The isolation member comprises a pull rod (206) configured to drag the isolation member to slide away from the at least one e-liquid inlet.

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

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

Citation (search report)  
• [XA] WO 2020244532 A1 20201210 - CHANGZHOU PATENT ELECTRONIC TECH CO LTD [CN]  
• [XA] CN 112493553 A 20210316 - SHENZHEN WOODY VAPES TECH CO LTD  
• [XA] CN 210960427 U 20200710 - SHENZHEN IJOY TECH CO LTD

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

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4091481 A1 20221123**; CA 3138495 A1 20221116; CA 3138495 C 20240528; US 2022361570 A1 20221117

DOCDB simple family (application)  
**EP 21000317 A 20211110**; CA 3138495 A 20211110; US 202117523899 A 20211110