

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 3847910 A1 20210714 (EN)**

Application  
**EP 20197431 A 20200922**

Priority  
• CN 201911276675 A 20191212  
• CN 201922243833 U 20191212

Abstract (en)  
An atomizer, including a hollow cylinder and an airflow regulator disposed on the hollow cylinder. The airflow regulator includes a regulating ring, a seal ring, and a rod. The regulating ring comprises an air vent. The regulating ring is disposed on the rod. The seal ring is disposed on the rod and seals the regulating ring. The regulating ring is rotatable so as to control the vapor volume of the atomizer. Also provided is an electronic cigarette including the atomizer.

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

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

Citation (search report)  
• [X] CN 110447980 A 20191115 - LIU TUANFANG  
• [X] EP 3545779 A1 20191002 - JOYTECH EUROPE HOLDING GMBH [CH]  
• [X] EP 3560358 A1 20191030 - CHANGZHOU PATENT ELECTRONIC TECH CO 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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3847910 A1 20210714; EP 3847910 B1 20240313; US 2021177062 A1 20210617**

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