

Title (en)
ELECTRONIC CIGARETTE

Title (de)
ELEKTRONISCHE ZIGARETTE

Title (fr)
CIGARETTE ÉLECTRONIQUE

Publication
EP 4008195 A1 20220608 (EN)

Application
EP 21000321 A 20211111

Priority

- CN 202011403589 A 20201204
- CN 202022876793 U 20201204
- CN 202110143096 A 20210202
- CN 202120293644 U 20210202

Abstract (en)
An electronic cigarette includes an e-liquid extruder. The e-liquid extruder includes an e-liquid tank, a piston, a push rod, and a motor. The piston is disposed in a bottom opening of the e-liquid tank. The push rod includes an inner wall with a female thread and the rotor includes an outer wall with a male thread. The male thread corresponds to the female thread. The piston is disposed on the push rod; when the motor is energized and rotates, the push rod moves upward to extrude e-liquid out of the e-liquid tank.

IPC 8 full level
A24F 40/10 (2020.01); **A24F 40/48** (2020.01); **A24F 40/50** (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 40/48** (2020.01 - EP US); **A24F 40/50** (2020.01 - EP); **A24F 40/60** (2020.01 - US); **A24F 40/10** (2020.01 - EP)

Citation (search report)

- [XAI] WO 2016155316 A1 20161006 - SHENZHEN JIESHIBO TECH CO LTD [CN]
- [XAI] CN 106880083 A 20170623 - SHENZHEN BODIKE TECH DEV 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

DOCDB simple family (publication)
EP 4008195 A1 20220608; CA 3139966 A1 20220604; US 2022175031 A1 20220609

DOCDB simple family (application)
EP 21000321 A 20211111; CA 3139966 A 20211123; US 202117523868 A 20211110