

Title (en)
ELECTRONIC CIGARETTE WITH PUSH ACTUATING ARRANGEMENT

Title (de)
ELEKTRONISCHE ZIGARETTE MIT DRUCKBETÄTIGUNGSANORDNUNG

Title (fr)
CIGARETTE ÉLECTRONIQUE AYANT UN DISPOSITIF D'ACTIONNEMENT PAR POUSSÉE

Publication
EP 3750429 A1 20201216 (EN)

Application
EP 19181882 A 20190624

Priority
• CN 201910508240 A 20190612
• CN 201920880862 U 20190612

Abstract (en)
An electronic cigarette includes a housing assembly, a cartridge, a control circuitry and a push actuating arrangement. The push actuating arrangement includes an atomizer movably supported in the housing assembly, a mouth piece connected to the atomizer and movably supported in the housing assembly, and an actuating member movably mounted on the housing assembly to operate between an idle position and an actuated position. In the idle position, the actuating member is moved to retain the atomizer and the mouth piece in the housing assembly. In the actuated position, the actuating member is driven to move with respect to the housing assembly so as to expose the mouth piece to an exterior of the housing assembly for user's smoking.

IPC 8 full level
A24F 47/00 (2020.01)

CPC (source: EP US)
A24F 7/00 (2013.01 - US); **A24F 9/16** (2013.01 - US); **A24F 40/40** (2020.01 - EP); **A24F 40/10** (2020.01 - EP)

Citation (search report)
• [XA] CN 204191584 U 20150311 - LIAO XIANGYANG
• [XA] CN 208064487 U 20181109 - JOYETECH EUROPE HOLDING GMBH
• [XA] US 2016050975 A1 20160225 - WORM STEVEN L [US], et al
• [A] CN 208539044 U 20190222 - CHANGZHOU PAITENG ELECTRONIC TECH SERVICE CO LTD
• [A] US 9999245 B1 20180619 - ZHU XIAOCHUN [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 3750429 A1 20201216; JP 2020198865 A 20201217; JP 3223947 U 20191114; RU 2019126502 A 20210225; US 2020390160 A1 20201217

DOCDB simple family (application)
EP 19181882 A 20190624; JP 2019002807 U 20190729; JP 2019139215 A 20190729; RU 2019126502 A 20190822;
US 201916448672 A 20190621