

Title (en)
DEVICE FOR ASSEMBLING A BATTERY ELEMENT WITH THE CARTRIDGE, WITH WHICH IT IS ASSOCIATED, OF AN ELECTRONIC CIGARETTE

Title (de)
VORRICHTUNG ZUR MONTAGE EINES BATTERIEELEMENTS MIT DER KASSETTE, MIT DER SIE ASSOZIIERT IST, EINER ELEKTRONISCHEN ZIGARETTE

Title (fr)
DISPOSITIF D'ASSEMBLAGE D'UN ÉLÉMENT DE BATTERIE AVEC L'EMBOUT D'UTILISATION D'UNE CIGARETTE ÉLECTRONIQUE AUQUEL IL EST ASSOCIÉ

Publication
EP 3282874 A1 20180221 (FR)

Application
EP 16729303 A 20160408

Priority
• FR 1553237 A 20150414
• FR 2016050819 W 20160408

Abstract (en)
[origin: WO2016166456A1] The subject of the invention is a device for assembling an electronic cigarette (10) comprising a shell (15) containing electrical power supply means and a cartridge (12) that can be detached from the shell (15) of the electronic cigarette. The cartridge comprises at least one pin (14) projecting from the external wall of that end (13) of the cartridge (12) that is intended for assembling the cartridge (12) with the shell (15) of the cigarette, and an assembly ring (11) in which this end (13) becomes inserted, said ring (11) being placed inside the shell (15), at one end thereof, and configured to constitute the female socket of a bayonet assembly mechanism of which the end (13) of the pipe (12) forms the male part. The ring (11) comprises locking means (41, 42) which are configured to keep the pin (14) in a locking position (23) in the absence of user action when the cartridge (12) is being assembled with the shell (13).

IPC 8 full level
A24F 40/70 (2020.01)

CPC (source: CN EP US)
A24F 3/00 (2013.01 - EP US); **A24F 40/70** (2020.01 - EP US); **A24F 47/008** (2022.01 - CN); **F16B 7/20** (2013.01 - EP US); **A24F 7/02** (2013.01 - EP US); **F16B 7/20** (2013.01 - CN); **H01M 2220/30** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2016166456A1

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)
WO 2016166456 A1 20161020; AU 2016247724 A1 20171130; CA 2982306 A1 20161020; CN 107743363 A 20180227; EP 3282874 A1 20180221; FR 3034962 A1 20161021; FR 3034962 B1 20190614; MA 41397 A1 20180531; MA 41397 B1 20191231; PH 12017502054 A1 20180423; RU 2017139253 A 20190514; RU 2017139253 A3 20190717; TN 2017000436 A1 20190412; US 2018092401 A1 20180405

DOCDB simple family (application)
FR 2016050819 W 20160408; AU 2016247724 A 20160408; CA 2982306 A 20160408; CN 201680034352 A 20160408; EP 16729303 A 20160408; FR 1553237 A 20150414; MA 41397 A 20160408; PH 12017502054 A 20171110; RU 2017139253 A 20160408; TN 2017000436 A 20160408; US 201615566101 A 20160408