

Title (en)
ELECTRONIC SMOKING DEVICE, CARTOMIZER AND LIQUID RESERVOIR

Title (de)
ELEKTRONISCHE RAUCHVORRICHTUNG, CARTOMIZER UND FLÜSSIGKEITSBEHÄLTER

Title (fr)
DISPOSITIF À FUMER ÉLECTRONIQUE, ATOMISEUR ET RÉSERVOIR DE LIQUIDE

Publication
EP 3162227 A1 20170503 (EN)

Application
EP 15191933 A 20151028

Priority
EP 15191933 A 20151028

Abstract (en)
There is provided a liquid reservoir for an electronic smoking device. The liquid reservoir (34) has a body (110) forming a hollow tube surrounding a central passage (32) connecting an air inhalation port (36) with a further port for attaching the liquid reservoir (34) to a further portion of the electronic cigarette (10). The liquid reservoir (34) further has a nozzle (132) towards the central passage (32), the nozzle (32) being configured to release liquid from the reservoir (34) only when pressure drop along the nozzle (32) exceeds a threshold pressure. A user can produce the pressure drop by sucking at the air inhalation port (36) and/or by manually changing a length of the central passage (32) thereby causing compression of the liquid reservoir (34).

IPC 8 full level
A24F 40/42 (2020.01); **A24F 40/48** (2020.01); **A24F 47/00** (2006.01); **A24F 40/10** (2020.01)

CPC (source: EP US)
A24F 40/42 (2020.01 - EP US); **A24F 40/48** (2020.01 - EP US); **A24F 40/10** (2020.01 - EP US)

Citation (search report)

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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 3162227 A1 20170503; EP 3162227 B1 20230712; CN 108289506 A 20180717; CN 108289506 B 20220218; US 2018317551 A1 20181108; WO 2017072284 A1 20170504

DOCDB simple family (application)
EP 15191933 A 20151028; CN 201680062841 A 20161028; EP 2016076049 W 20161028; US 201615770734 A 20161028