

Title (en)

RESERVOIR FOR USE IN ELECTRONIC CIGARETTES AND ELECTRONIC PENS

Title (de)

RESERVOIR FÜR ELEKTRONISCHE ZIGARETTEN UND ELEKTRONISCHE STIFTE

Title (fr)

RÉSERVOIR DESTINÉ À ÊTRE UTILISÉ DANS DES CIGARETTES ÉLECTRONIQUES ET DES STYLOS ÉLECTRONIQUES

Publication

**EP 3468399 A4 20190619 (EN)**

Application

**EP 17813888 A 20170613**

Priority

- US 201615181336 A 20160613
- US 2017037111 W 20170613

Abstract (en)

[origin: US2017354181A1] A reservoir for inhalant product used in electronic cigarettes and electronic pens is provided which incorporates a convex or conical smooth bottom wall catch basin that, combined with a dual wick design, ensures that substantially all the inhalant product is directed to the wicks for maximum consumability of the inhalant product. Therefore, regardless of how much or how little oil/liquid inhalant product is remaining in the reservoir or the position of the reservoir, it is always being directed toward at least one wick so there is substantially no unusable space in the reservoir where product can collect and not be useable.

IPC 8 full level

**A24F 40/42** (2020.01); **A24F 40/44** (2020.01); **A61M 15/06** (2006.01); **A24F 40/10** (2020.01)

CPC (source: EP GB US)

**A24F 40/42** (2020.01 - EP US); **A24F 40/44** (2020.01 - EP US); **A24F 47/00** (2013.01 - GB); **A61M 15/06** (2013.01 - GB); **B65D 15/02** (2013.01 - US); **B65D 85/70** (2013.01 - US); **A24F 40/10** (2020.01 - EP US)

Citation (search report)

- [X] WO 2014120479 A1 20140807 - REYNOLDS TOBACCO CO R [US]
- [A] DE 102009015582 A1 20101007 - FISCHER E GERHARD [LI], et al
- See references of WO 2017218445A1

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)

**US 2017354181 A1 20171214**; AR 108727 A1 20180919; CA 3027854 A1 20171221; CN 109788799 A 20190521; EP 3468399 A1 20190417; EP 3468399 A4 20190619; GB 201820296 D0 20190130; GB 2565731 A 20190220; WO 2017218445 A1 20171221

DOCDB simple family (application)

**US 201615181336 A 20160613**; AR P170101616 A 20170613; CA 3027854 A 20170613; CN 201780044825 A 20170613; EP 17813888 A 20170613; GB 201820296 A 20170613; US 2017037111 W 20170613