

Title (en)

ONE-WAY VALVE FOR CARTOMIZER SECTION OF ELECTRONIC CIGARETTES

Title (de)

EINWEGVENTIL FÜR EINEN KARTONIERUNGSABSCHNITT FÜR ELEKTRONISCHE ZIGARETTEN

Title (fr)

SOUPAPE ANTIRETOUR DESTINÉE À LA PARTIE CARTOMISEUR DE CIGARETTES ÉLECTRONIQUES

Publication

EP 3003076 A2 20160413 (EN)

Application

EP 14786710 A 20140528

Priority

- US 201361827998 P 20130528
- IB 2014001924 W 20140528

Abstract (en)

[origin: US2014355969A1] A cartomizer section of an electronic cigarette can be connected to a battery section of the electronic cigarette. The cartomizer section comprises a liquid reservoir operable to store liquid material and a one-way valve. The one-way valve is operable to seal an end of the cartomizer section which is in fluid communication with the liquid reservoir. The one-way valve is configured to allow one directional air flow towards a user's mouth during a draw on the electronic cigarette so as to prevent back flow of vapor produced during operation of the electronic cigarette towards the battery section.

IPC 8 full level

A24F 40/485 (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP KR RU US)

A24B 15/167 (2016.11 - KR); **A24F 40/10** (2020.01 - KR); **A24F 40/42** (2020.01 - KR); **A24F 40/485** (2020.01 - EP KR US); **A24F 47/00** (2013.01 - RU); **A61M 15/06** (2013.01 - KR); **A24F 40/10** (2020.01 - EP US); **A61M 2205/8206** (2013.01 - KR)

Cited by

EP3973797A1; US11723408B2

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 2014355969 A1 20141204; AR 096484 A1 20160113; CA 2913172 A1 20141218; CN 105283088 A 20160127; EP 3003076 A2 20160413; KR 20160048036 A 20160503; MX 2015015983 A 20161125; RU 2015155880 A 20170704; RU 2654393 C2 20180517; UA 117752 C2 20180925; WO 2014199232 A2 20141218; WO 2014199232 A3 20150205

DOCDB simple family (application)

US 201414287658 A 20140527; AR P140102112 A 20140528; CA 2913172 A 20140528; CN 201480031148 A 20140528; EP 14786710 A 20140528; IB 2014001924 W 20140528; KR 20157033286 A 20140528; MX 2015015983 A 20140528; RU 2015155880 A 20140528; UA A201512771 A 20140528