

Title (en)
ELECTRONIC VAPING DEVICE

Title (de)
ELEKTRONISCHE DAMPFVORRICHTUNG

Title (fr)
DISPOSITIF DE VAPOTAGE ÉLECTRONIQUE

Publication
EP 3214960 A4 20181010 (EN)

Application
EP 15856534 A 20151105

Priority
• US 201462075417 P 20141105
• US 2015059223 W 20151105

Abstract (en)
[origin: US2016120228A1] An electronic vaping device includes an outer tube extending in a longitudinal direction, an inner tube within the outer tube, a reservoir comprising a pre-vapor formulation, a wick in communication with the reservoir, and a heater in communication with the wick. The electronic vaping device may also include at least one of a mouth-end insert including four outlets and a flow constriction in the inner tube. Each outlet is at an end of an off-axis passage that extends from an inlet to the outlet. Each off-axis passage extends tangentially to a circumference surrounding a central, longitudinally extending axis of the electronic vaping device.

IPC 8 full level
A24F 40/42 (2020.01); **A24F 40/10** (2020.01)

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

Citation (search report)
• [X] US 2013192623 A1 20130801 - TUCKER CHRISTOPHER S [US], et al
• [X] US 2014261492 A1 20140918 - KANE DAVID B [US], et al
• [X] US 2014246031 A1 20140904 - LIU QIUMING [CN]
• [A] EP 2460422 A1 20120606 - PHILIP MORRIS PROD [CH]
• See references of WO 2016073709A1

Cited by
CN115460940A; WO2021167950A1

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

DOCDB simple family (publication)
US 2016120228 A1 20160505; CN 107072293 A 20170818; EA 201790981 A1 20170831; EP 3214960 A1 20170913; EP 3214960 A4 20181010; IL 251557 A0 20170529; WO 2016073709 A1 20160512

DOCDB simple family (application)
US 201514933563 A 20151105; CN 201580057065 A 20151105; EA 201790981 A 20151105; EP 15856534 A 20151105; IL 25155717 A 20170404; US 2015059223 W 20151105