

Title (en)
AEROSOL GENERATION DEVICE

Title (de)
AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE GÉNÉRATION D'AÉROSOL

Publication
EP 4142528 A1 20230308 (EN)

Application
EP 21720517 A 20210426

Priority
• EP 20171477 A 20200427
• EP 2021060810 W 20210426

Abstract (en)
[origin: WO2021219535A1] An aerosol generating device (1) is described. The aerosol generating device includes: a body (10) having an aperture (12) through which a consumable is receivable into the aerosol generating device; a cover (110) moveable along a first direction between a closed position and an open position, wherein in the closed position the cover overlays the aperture and in the open position the aperture is exposed; a coupling element having a first end (141) arranged to cooperate with the cover and a second end (142) pivotally attached to the body, such that the coupling element rotates relative to the body as the cover is moved between the closed position and the open position; wherein the coupling element is positioned towards one side of the cover and body such that a plane of rotation of the coupling element is offset from a central plane (2), parallel to the plane of rotation, running through the body and cover. By positioning the coupling element in this manner towards one side of the cover and body it is possible to reduce the size of the cover and associated components, providing a more compact and user friendly device.

IPC 8 full level
A24F 40/00 (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01)

CPC (source: EP)
A24F 40/00 (2020.01); **A24F 40/20** (2020.01); **A24F 40/40** (2020.01); **A24F 40/51** (2020.01)

Citation (search report)
See references of WO 2021219535A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021219535 A1 20211104; EP 4142528 A1 20230308; JP 2023523879 A 20230608; TW 202207819 A 20220301

DOCDB simple family (application)
EP 2021060810 W 20210426; EP 21720517 A 20210426; JP 2022551775 A 20210426; TW 110115085 A 20210427