

Title (en)

CARTRIDGE HAVING PRESSURE EQUALIZATION

Title (de)

KARTUSCHE MIT DRUCKAUSGLEICH

Title (fr)

CARTOUCHE À ÉQUILIBRAGE DE PRESSION

Publication

EP 4120856 A2 20230125 (DE)

Application

EP 21709971 A 20210303

Priority

- DE 102020107124 A 20200316
- EP 2021055371 W 20210303

Abstract (en)

[origin: WO2021185584A2] The invention relates to a cartridge for an electronic cigarette or a portable inhaler, comprising a rigid reservoir for receiving a liquid, wherein the reservoir has at least one extraction opening which is designed to enable the extraction of liquid from the reservoir, the reservoir comprising one or more elements for pressure regulation in the interior of the reservoir, which elements are arranged in the wall of the reservoir and through which liquid cannot exit from the reservoir, wherein the elements for pressure regulation are selected, independently of each other, from the list consisting of non-return valves, gas-permeable but liquid-impermeable membranes and deformable wall portions.

IPC 8 full level

A24F 40/42 (2020.01); **A24F 40/485** (2020.01)

CPC (source: EP US)

A24F 40/42 (2020.01 - EP US); **A24F 40/485** (2020.01 - EP US); **A24F 40/10** (2020.01 - EP US)

Citation (search report)

See references of WO 2021185584A2

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)

DE 102020107124 A1 20210916; CN 115884692 A 20230331; EP 4120856 A2 20230125; US 2023133206 A1 20230504;
WO 2021185584 A2 20210923; WO 2021185584 A3 20211216

DOCDB simple family (application)

DE 102020107124 A 20200316; CN 202180021318 A 20210303; EP 2021055371 W 20210303; EP 21709971 A 20210303;
US 202117910627 A 20210303