

Title (en)
ELECTRONIC CIGARETTE

Title (de)
ELEKTRONISCHE ZIGARETTE

Title (fr)
CIGARETTE ÉLECTRONIQUE

Publication
EP 4061157 A1 20220928 (EN)

Application
EP 20807061 A 20201119

Priority
• EP 19210671 A 20191121
• EP 2020082731 W 20201119

Abstract (en)
[origin: WO2021099490A1] An electronic cigarette (1) comprises a control circuitry (7), a vaporizing unit (16), and a liquid store (18). The vaporizing unit (16) is a unitary element comprising a plurality of fluidic channels (20) configured to receive liquid from the liquid store (18). The fluidic channels (20) are separated into a plurality of groups (G1 to Gi) and each group (G1 to Gi) of fluidic channels (20) is thermally connected to a separate heating element (19). The control circuitry (7) is configured to selectively operate one or more of the heating elements (19) to selectively heat one or more corresponding groups (G1 to Gi) of fluidic channels (20).

IPC 8 full level
A24F 40/10 (2020.01); **A24F 40/46** (2020.01); **A24F 40/50** (2020.01)

CPC (source: EP US)
A24F 40/10 (2020.01 - EP US); **A24F 40/46** (2020.01 - EP US); **A24F 40/50** (2020.01 - EP US)

Citation (search report)
See references of WO 2021099490A1

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)
WO 2021099490 A1 20210527; CN 114727656 A 20220708; EP 4061157 A1 20220928; EP 4061157 B1 20240103; JP 2023503860 A 20230201; US 2022408832 A1 20221229

DOCDB simple family (application)
EP 2020082731 W 20201119; CN 202080080658 A 20201119; EP 20807061 A 20201119; JP 2022528261 A 20201119; US 202017778633 A 20201119