

Title (en)
DEVICE FOR INHALING A SUBSTANCE

Title (de)
VORRICHTUNG ZUM INHALIEREN EINER SUBSTANZ

Title (fr)
APPAREIL POUR INHALER UNE SUBSTANCE

Publication
EP 4156984 A1 20230405 (FR)

Application
EP 21729478 A 20210527

Priority
• EP 20176900 A 20200527
• BE 202105077 A 20210203
• EP 2021064176 W 20210527

Abstract (en)
[origin: WO2021239868A1] The present invention relates to a device for inhaling a substance (1), comprising: - a cold liquid atomiser (2), - an assembly (E) comprising the atomiser (2) and a first tank (3) arranged to contain at least one substance to be inhaled in liquid form or in solution, the atomiser (2) being in fluid communication with the first tank (3), - a second tank (4) which is arranged to contain a pressurised gas and is in fluid communication with the assembly (E), - a mouthpiece (5) in fluid communication with an outlet of the atomiser (2), - a trigger (6) arranged to release a quantity of the gas out of the second tank (4) and towards the assembly (E), and - a pump (P) arranged to suction, inject and compress ambient air into the second tank (4).

IPC 8 full level
A24F 40/05 (2020.01); **A24F 40/10** (2020.01); **A24F 40/48** (2020.01); **A24F 42/20** (2020.01)

CPC (source: EP IL KR US)
A24F 40/05 (2020.01 - EP IL KR US); **A24F 40/10** (2020.01 - IL US); **A24F 40/40** (2020.01 - KR); **A24F 40/42** (2020.01 - KR);
A24F 40/48 (2020.01 - EP IL KR); **A24F 40/485** (2020.01 - KR US); **A24F 42/20** (2020.01 - EP IL KR); **C04B 38/00** (2013.01 - KR);
A24F 40/10 (2020.01 - EP KR)

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 2021239868 A1 20211202; AU 2021279200 A1 20230202; BE 1028285 A1 20211203; BE 1028285 B1 20220211;
BR 112022023791 A2 20230207; CA 3179885 A1 20211202; CL 2022003279 A1 20230623; CN 115666284 A 20230131;
CO 2022018503 A2 20230307; EP 4156984 A1 20230405; IL 298531 A 20230101; KR 20230016004 A 20230131; MX 2022014536 A 20230303;
US 2023210168 A1 20230706; ZA 202213759 B 20240424

DOCDB simple family (application)
EP 2021064176 W 20210527; AU 2021279200 A 20210527; BE 202105425 A 20210527; BR 112022023791 A 20210527;
CA 3179885 A 20210527; CL 2022003279 A 20221122; CN 202180037753 A 20210527; CO 2022018503 A 20221220;
EP 21729478 A 20210527; IL 29853122 A 20221123; KR 20227045651 A 20210527; MX 2022014536 A 20210527;
US 202117999819 A 20210527; ZA 202213759 A 20221220