

Title (en)
DEVICE FOR INHALING DRY PARTICLES OF NICOTINE-BASED SUBSTANCE

Title (de)
VORRICHTUNG ZUM INHALIEREN VON TROCKENEN PARTIKELN EINER SUBSTANZ AUF NIKOTINBASIS

Title (fr)
DISPOSITIF D'INHALATION DE PARTICULES SÈCHES D'UNE SUBSTANCE À BASE DE NICOTINE

Publication
EP 4360475 A1 20240501 (EN)

Application
EP 22203663 A 20221025

Priority
EP 22203663 A 20221025

Abstract (en)
An inhalation device (10) for inhaling dry particles (52) of nicotine-based substance comprises: a reservoir (38) for receiving the dry particles (52) of nicotine-based substance, a pressurized air device (20), an air flow feeding element (26) configured to supply pressurized air from the pressurized air device (20) into the reservoir (38) via multiple air flow inputs (30), and an outlet pipe (56) fluidly communicating with the reservoir (38) for delivering a mixture of dry particles (52) of nicotine based substance and pressurized air outside the reservoir (38).

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

CPC (source: EP)
A24F 40/05 (2020.01); **A24F 40/48** (2020.01); **A24F 40/20** (2020.01); **A24F 40/42** (2020.01); **A24F 42/20** (2020.01)

Citation (applicant)
• CN 113491824 A 20211012 - JUNG YOUNG CHAI
• WO 2011013003 A2 20110203 - SHIN NIPPON BIOMEDICAL LAB LTD [JP], et al
• WO 2013128447 A1 20130906 - SIPNOSE LTD [IL]

Citation (search report)
• [XAI] US 2022126036 A1 20220428 - RUBIN DARREN [US]
• [XAI] US 2003183229 A1 20031002 - SMITH ADRIAN E [US], et al
• [XAI] WO 2022010182 A1 20220113 - KT & G CORP [KR]
• [XAI] US 10071211 B2 20180911 - TSUTSUI TATSUO [JP]
• [A] US 11452825 B2 20220927 - BUEHLER FREDERIC ULYSSE [CH]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4360475 A1 20240501

DOCDB simple family (application)
EP 22203663 A 20221025