

Title (en)

VAPORISING DEVICE FOR AN ELECTRONIC INHALER, AND METHOD FOR PRODUCING A VAPORISING DEVICE

Title (de)

VERDAMPFUNGSVORRICHTUNG FÜR EINEN ELEKTRONISCHEN INHALATOR, UND VERFAHREN ZUR HERSTELLUNG EINER VERDAMPFUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE VAPORISATION POUR UN INHALATEUR ÉLECTRONIQUE ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF DE VAPORISATION

Publication

EP 4070623 A1 20221012 (DE)

Application

EP 20811301 A 20201120

Priority

- DE 102019132766 A 20191203
- EP 2020082894 W 20201120

Abstract (en)

[origin: WO2021110438A1] The invention relates to a vaporising device (20) for an electronic inhaler (10), comprising a vaporiser (60) which has a heat-conducting substrate (25), with a plurality of through channels (26) extending through the substrate (25) from an inlet side (61) to an outlet side (64) of the substrate (25), and an electrical resistance heating element (21). The resistance heating element (21) is arranged on one side (61, 64) of the substrate (25), is made of a material of higher electrical conductivity than the material of the substrate (25), and has through openings (27) communicating with the channels (26) of the substrate (25).

IPC 8 full level

A24F 40/46 (2020.01); **H05B 3/26** (2006.01)

CPC (source: EP US)

A24F 40/10 (2020.01 - US); **A24F 40/44** (2020.01 - EP US); **A24F 40/46** (2020.01 - EP US); **A24F 40/51** (2020.01 - US); **H05B 3/265** (2013.01 - EP); **A24F 40/10** (2020.01 - EP); **H05B 2203/021** (2013.01 - EP)

Citation (search report)

See references of WO 2021110438A1

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)

DE 102019132766 A1 20210610; CN 114731739 A 20220708; EP 4070623 A1 20221012; US 2023021048 A1 20230119; WO 2021110438 A1 20210610

DOCDB simple family (application)

DE 102019132766 A 20191203; CN 202080083727 A 20201120; EP 2020082894 W 20201120; EP 20811301 A 20201120; US 202017781971 A 20201120