

Title (en)
HEATER FOR SMOKING SUBSTITUTE SYSTEM

Title (de)
HEIZGERÄT FÜR EIN RAUCHERSATZSYSTEM

Title (fr)
DISPOSITIF DE CHAUFFAGE POUR SYSTÈME DE SUBSTITUTION DU TABAC

Publication
EP 3711536 A1 20200923 (EN)

Application
EP 19020167 A 20190322

Priority
EP 19020167 A 20190322

Abstract (en)
A heater (223) for a heat not burn device, comprising a rod portion with a heating track (227) located thereon and a coating (232) formed from silica. The coating forms an external surface of a portion of the heater for heating tobacco in a consumable for engagement with the device. By providing a heater for a heat not burn device comprising a coating formed from silica, deposition of residues on the heater can be avoided or minimized. Reduction in deposition of residue may result in cleaner system requiring less downtime for cleaning, reduction in burnt odour from the device, thus improving overall user experience with the heat not burn device. Further, reduction in deposition of residues on the heater may also provide for improvement in performance and/or life of the heater by protecting the heating element.

IPC 8 full level
A24F 47/00 (2020.01)

CPC (source: EP)
A24F 40/46 (2020.01); **A24F 40/20** (2020.01)

Citation (search report)

- [X] EP 0503767 A1 19920916 - PHILIP MORRIS [US]
- [XA] US 5505214 A 19960409 - COLLINS ALFRED L [US], et al
- [Y] CN 109288133 A 20190201 - HUNAN SIJIA XINJIN ELECTRONIC TECH CO LTD
- [Y] US 2018192701 A1 20180712 - STONER CHARLES C [US]

Cited by
US11789476B2

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)
EP 3711536 A1 20200923; EP 3941271 A1 20220126; TW 202038782 A 20201101; WO 2020193210 A1 20201001

DOCDB simple family (application)
EP 19020167 A 20190322; EP 2020056832 W 20200313; EP 20715725 A 20200313; TW 109109087 A 20200319