

Title (en)
HEATER

Title (de)
HEIZER

Title (fr)
DISPOSITIF DE CHAUFFAGE

Publication
EP 3838010 A1 20210623 (EN)

Application
EP 19218298 A 20191219

Priority
EP 19218298 A 20191219

Abstract (en)
The present invention relates to a heater (1) for an aerosol generating device (100). The heater includes a capillary sheet (10) comprising a sheet of heat conductive fibre mesh configured to provide capillary action in use and a heating element (20) in contact with the sheet of conductive fibre mesh and arranged to heat the sheet of conductive fibre mesh. By using a dedicated heating component, in particular a heating element in contact with the mesh in order to transfer heat to the mesh, the mesh heater material and structure can be configured to optimise the wicking properties and the heating element can be optimised to provide the required heating function.

IPC 8 full level
A24F 40/44 (2020.01); **A24F 40/46** (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP)
A24F 40/44 (2020.01); **A24F 40/46** (2020.01); **H05B 3/04** (2013.01); **A24F 40/10** (2020.01); **H05B 2203/014** (2013.01); **H05B 2203/021** (2013.01); **H05B 2203/022** (2013.01)

Citation (search report)

- [XAI] CN 105852216 A 20160817 - INNOKIN TECHNOLOGY CO LTD
- [XAI] GB 2529201 A 20160217 - BATMARK LTD [GB]
- [XAI] US 10188144 B2 20190129 - DICKENS COLIN JOHN [GB], et al
- [A] CA 3063305 A1 20181122 - NICOVENTURES HOLDINGS LTD [GB]

Cited by
WO2024045181A1

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 3838010 A1 20210623

DOCDB simple family (application)
EP 19218298 A 20191219