

Title (en)
HEATING DEVICE AND AEROSOL FORMING DEVICE

Title (de)
ERWÄRMUNGSVORRICHTUNG UND AEROSOLERZEUGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE ET DISPOSITIF DE FORMATION D'AÉROSOL

Publication
EP 4129094 A4 20230823 (EN)

Application
EP 20927880 A 20201224

Priority
• CN 202010217681 A 20200325
• CN 2020139049 W 20201224

Abstract (en)
[origin: EP4129094A1] A heating device (100) includes: a cover (110) including a proximal end (11) provided with an air inlet (1110) and a distal end (12) distant from the proximal end (11); a receiving cavity (121), the proximal end (11) being provided with a feed port (1111), the receiving cavity (121) being disposed in the cover (110) and communicated with the feed port (1111); a heating element disposed in the cover (110) and extending into the receiving cavity (121); an air inlet passage (130) located in the cover (110) and extending from the air inlet (1110) to the distal end (12); and air outlet passage (131) merges with the end of the air inlet passage (130) close to the distal end (12), and extends to the proximal end (11) through the receiving cavity (121), the air inlet passage (130) being disposed around the outside of the receiving cavity (121).

IPC 8 full level
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CPC (source: EP KR)
A24F 40/40 (2020.01 - KR); **A24F 40/46** (2020.01 - EP KR); **A24F 40/485** (2020.01 - EP KR); **A24F 40/50** (2020.01 - KR); **A24F 40/60** (2020.01 - EP KR); **G08B 6/00** (2013.01 - KR); **A24F 40/20** (2020.01 - EP KR)

Citation (search report)
• [XAI] EP 3556230 A2 20191023 - KT & G COPORATION [KR]
• [A] WO 2019208996 A1 20191031 - AMOSENSE CO LTD [KR]
• [A] US 2017354186 A1 20171214 - JOHNSON DAVID M [US], et al
• See also references of WO 2021190011A1

Cited by
EP4140574A4

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 4129094 A1 20230208; **EP 4129094 A4 20230823**; CN 111387566 A 20200710; JP 2023511919 A 20230323; JP 7431985 B2 20240215; KR 20220118523 A 20220825; WO 2021190011 A1 20210930

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