

Title (en)
AEROSOL GENERATING ARTICLE

Title (de)
AEROSOLERZEUGUNGSARTIKEL

Title (fr)
ARTICLE DE GÉNÉRATION D'AÉROSOL

Publication
EP 4192271 A1 20230614 (EN)

Application
EP 21749647 A 20210728

Priority
• EP 20189310 A 20200804
• EP 2021071215 W 20210728

Abstract (en)
[origin: WO2022028993A1] An aerosol generating article (201) comprising an airflow channel (211) is disclosed. The article (201) includes a substrate (205) for generating an aerosol, wherein the substrate (205) is disposed inside the airflow channel (211) and a valve (101) disposed inside the airflow channel (211), the valve (101) having an open state and a closed state, wherein the valve (101) is configured to restrict air flow through the airflow channel (211) when in the closed state relative to when in the open state. The valve (101) comprises a shape memory alloy (105) arranged such that the valve (101) changes from the closed state to the open state when heated to a transition temperature of the shape memory alloy (105).

IPC 8 full level
A24D 1/20 (2020.01); **A24F 40/485** (2020.01)

CPC (source: EP KR US)
A24D 1/045 (2013.01 - KR); **A24D 1/20** (2020.01 - EP KR); **A24F 40/465** (2020.01 - KR US); **A24F 40/485** (2020.01 - EP KR US); **A24F 40/20** (2020.01 - EP KR); **A24F 40/465** (2020.01 - EP)

Citation (search report)
See references of WO 2022028993A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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KH MA MD TN

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WO 2022028993 A1 20220210; CN 116033837 A 20230428; EP 4192271 A1 20230614; JP 2023537287 A 20230831; KR 20230047151 A 20230406; US 2023270173 A1 20230831

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