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(72) Inventors:
• **MCEVOY, Jaakko**
1160 Vienna (AT)
• **LUNGENSCHMIED, Christoph**
1190 Vienna (AT)

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(74) Representative: **Hoffmann Eitle**
Patent- und Rechtsanwälte PartmbB
Arabellastraße 30
81925 München (DE)

(71) Applicant: **JT International SA**
1202 Genève (CH)

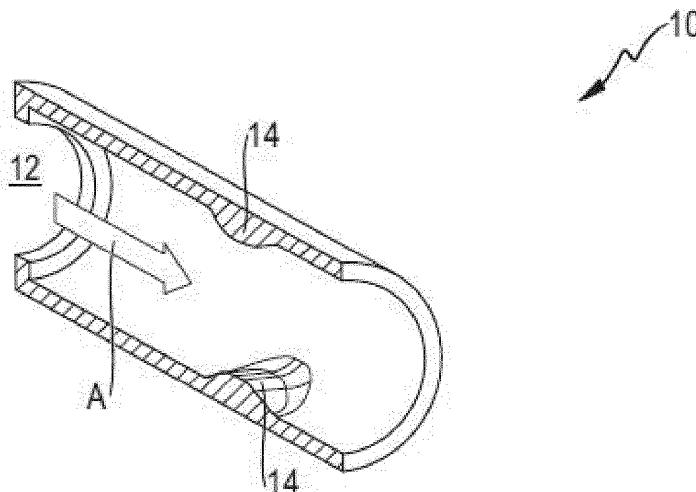
(54) **AEROSOL GENERATION DEVICE AND SET**

(57) The invention provides an aerosol generation device configured to operate with a replaceable article (16) comprising a storage compartment, comprising:
- a receptacle (10) extending along a receptacle axis (A), defining a receptacle internal surface and configured to receive the replaceable article (16) ;
- a heating system configured to heat the replaceable article (16) when it is received in the receptacle (10);

the aerosol generation device being characterized in that the receptacle internal surface comprises at least one

protrusion (14) protruding from the receptacle internal surface and configured to compress a part of the airflow path of the storage compartment to reduce its cross-sectional area, when the replaceable article (16) is received in the receptacle (10);
the or each protrusion (14) defining a protrusion surface adjacent to the receptacle internal surface and forming an angle with the receptacle internal surface greater than 100° along the entire protrusion (14) in an airflow direction.

Fig. 1



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EUROPEAN SEARCH REPORT

Application Number

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Place of search Munich		Date of completion of the search 28 April 2025	Examiner Schwertfeger, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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