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(54) Title (EN): MOUTHPIECE WITH INNER AND OUTER TUBULAR SECTIONS

(54) Title (FR): EMBOUT BUCCAL À SECTIONS TUBULAIRES INTERNE ET EXTERNE

(57) Abstract:

(EN): The invention relates to a mouthpiece for attachment to a hollow tubular filter portion of an aerosol-generating article. The mouthpiece comprises an inner tubular section having a minimum outer diameter which is smaller than an inner diameter of the hollow tubular filter portion of the aerosol-generating article. The mouthpiece comprises an outer tubular section having a maximum inner diameter which is larger than an outer diameter of the aerosol-generating article. The mouthpiece comprises a central airflow channel arranged along the longitudinal axis of the mouthpiece. The airflow channel comprises a Venturi portion. The Venturi portion comprises an inlet portion, an optional central portion and an outlet portion. The inlet portion is configured converging in a downstream direction and the outlet portion is configured diverging in a downstream direction.

(FR): L'invention concerne un embout buccal destiné à être fixé à une partie creuse de filtre tubulaire d'un article de génération d'aérosol. L'embout buccal comprend une section tubulaire interne ayant un diamètre externe minimal qui est inférieur à un diamètre interne de la partie creuse de filtre tubulaire de l'article de génération d'aérosol. L'embout buccal comprend une section tubulaire externe ayant un diamètre interne maximal qui est supérieur à un diamètre externe de l'article de génération d'aérosol. L'embout buccal comprend un canal d'écoulement d'air central disposé le long de l'axe longitudinal de l'embout buccal. Le canal d'écoulement d'air comprend une partie Venturi. La partie Venturi comprend une partie d'entrée, une partie centrale facultative et une partie de sortie. La partie d'entrée est conçue de manière convergente dans une direction aval et la partie de sortie est conçue de manière divergente dans une direction aval.

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Declarations:

Declaration made as to the identity of the inventor (PCT Rules 4.17(i) and 51bis.1(a)(i))

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate