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(54) Title (EN): A NASAL FILTRATION APPARATUS

(54) Title (FR): APPAREIL DE FILTRATION NASALE

(57) Abstract:

(EN): A nasal filtration apparatus is disclosed. The apparatus includes a pair of housings, wherein a distal end of corresponding pair of housings is open and a proximal end of the corresponding pair of housings includes at least two rims; at least two retainers adapted to be placed inside the corresponding pair of housings. The at least two retainers and the at least two rims on each side are configured to increase air flow; at least two filters placed inside the corresponding pair of housings between corresponding at least two rims and corresponding to the at least two retainers, wherein the at least two filters are configured to restrict one or more pollutants present in the air from entering nostrils; a plurality of wings placed on an outer periphery of the pair of housings. The plurality of wings are configured to provide grip inside the nasal cavity and prevents accidental ejection.

(FR): La présente invention concerne un appareil de filtration nasale. L'appareil comprend une paire de boîtiers, une extrémité distale de la paire correspondante de boîtiers étant ouverte et une extrémité proximale de la paire correspondante de boîtiers comprenant au moins deux rebords ; au moins deux éléments de retenue adaptés pour être placés à l'intérieur de la paire correspondante de boîtiers. Les au moins deux éléments de retenue et les au moins deux rebords de chaque côté sont configurés pour augmenter l'écoulement d'air ; au moins deux filtres étant placés à l'intérieur de la paire correspondante de boîtiers entre au moins deux rebords correspondants et correspondant aux au moins deux éléments de retenue, les au moins deux filtres étant configurés pour empêcher un ou plusieurs polluants présents dans l'air de pénétrer dans les narines ; une pluralité d'ailes étant placées sur une périphérie externe de la paire de boîtiers. La pluralité d'ailes est configurée pour assurer une prise à l'intérieur de la cavité nasale et éviter une éjection accidentelle.

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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

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))