

Title (en)
ELECTROSTATICALLY CHARGED NASAL APPLICATION PRODUCT WITH INCREASED STRENGTH

Title (de)
ELEKTROSTATISCH AUFGELADENES NASENAPPLIKATIONSPRÄPARAT MIT ERHÖHTER STÄRKE

Title (fr)
PRODUIT D'APPLICATION NASALE A CHARGE ELECTROSTATIQUE A RESISTANCE AMELIOREE

Publication
EP 1701677 A4 20111214 (EN)

Application
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Priority
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Abstract (en)
[origin: CA2538163A1] The present invention relates to a nasal topical application product for restricting the flow of airborne contaminants into a human nasal passage by creation of a proximate, enhanced electrostatic field. This nasal application product includes: (a) a plurality of masses of one or more electrostatic polymers; and, (b) a topical carrier having the plurality of masses dispersed through a portion thereof. At least one of the electrostatic polymers is a poly(dimethyl diallyl ammonium chloride) polymer and is included in the product in an amount of at least 10% by weight, based on the total weight of the polymers and the topical carrier. The nasal application product may be topical solutions, semisolids, spray solutions and vaporizable solutions. Topical applications may be in the form of ointments, pastes, creams and gels. The carrier of the nasal application product of the present invention may be selected from the group consisting of diluents, volatile spray carriers, lotions, solvents, gels and hydrogels. In some embodiments, substrates, e. g., bandage type substrates, with adhesive on one side and the product polymer(s) and carrier on the opposite side, may be employed.

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CPC (source: EP)
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Citation (search report)

- [I] WO 9718797 A1 19970529 - ASHOK L WAHI [US]
- [I] US 5674481 A 19971007 - WAHI ASHOK L [US]
- [A] US 6531142 B1 20030311 - RABE THOMAS ELLIOT [US], et al
- See references of WO 2005018533A2

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CN109549778A

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