

Title (en)  
AN ORAL NICOTINE PRODUCT COMPRISING A PH ADJUSTING AGENT

Title (de)  
ORALE NIKOTINPRODUKT MIT PH-EINSTELLUNGSMITTEL

Title (fr)  
PRODUIT ORAL À BASE DE NICOTINE COMPRENANT UN AGENT D'AJUSTEMENT DU PH

Publication  
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Application  
**EP 20703956 A 20200131**

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Abstract (en)  
[origin: WO2020157280A1] The present disclosure relates to an oral pouched tobacco-free or low tobacco nicotine product, said product comprising a pH adjusting agent comprising or consisting of: (i) Na<sub>2</sub>CO<sub>3</sub>, K<sub>2</sub>CO<sub>3</sub>, NaHCO<sub>3</sub> and/or KHCO<sub>3</sub>, and (ii) a salt of Formula (I): M<sub>2</sub><sup>+</sup>(An<sup>-</sup>)<sub>m</sub> Formula (I) or a hydrate of said salt, wherein M<sub>2</sub><sup>+</sup> is selected from the group consisting of Ca<sup>2+</sup>, Mg<sup>2+</sup>, Mn<sup>2+</sup>, Zn<sup>2+</sup> and Fe<sup>2+</sup>, An<sup>-</sup> is an anion selected from the group consisting of chloride, lactate, malate, succinate, citrate, ascorbate, tartrate, acetate, phosphate, sulphate, nitrate, gluconate, alginate, ammonium, oxalate, aspartate, glycinate, picolinate, oxide, cysteinate, glutamate, hydroxide, laurate, stearate, palmitate, undecylenate, gluceptate, glucerophosphate, glubionate, glucoheptonate, guanylate, inosinate, propionate, sorbate, salicylate, benzoate, erythorbate, formate, iodide, pangamate and any combination thereof, n is 1 or 2, m is 1 or 2, and -(n x m) = -2 said salt being present in an amount within the range of from 0.1 wt% to 5 wt%, based on the total weight of the filling material, said salt having a water solubility equal to or above 0.04 M and/or equal to or above 1 g/L, and - optionally a tobacco material within the range of from 0.05 wt% to 10 wt % based on the total weight of the filling material. The pH adjuster mitigates an increase in pH in an oral pouched tobacco-free or low tobacco nicotine product upon storage, prevents the pH of the oral pouched tobacco free or low tobacco nicotine product from exceeding a value of about 9, 9.2 or 9.5 upon storage, and/or changing by more than ± 0.5 pH units upon storage.

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