

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
EP 3917339 B1 20230607 (EN)

Application
EP 20703956 A 20200131

Priority
• SE 1950119 A 20190201
• NO 20190141 A 20190201
• EP 2020052437 W 20200131

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) Na₂CO₃, K₂CO₃, NaHCO₃ and/or KHCO₃, and (ii) a salt of Formula (I): M₂⁺(An⁻)_m Formula (I) or a hydrate of said salt, wherein M₂⁺ is selected from the group consisting of Ca²⁺, Mg²⁺, Mn²⁺, Zn²⁺ and Fe²⁺, An⁻ 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.

IPC 8 full level
A24B 13/00 (2006.01); **A24B 15/16** (2020.01); **A24B 15/42** (2006.01)

CPC (source: EP KR US)
A24B 13/00 (2013.01 - EP KR US); **A24B 15/16** (2013.01 - EP KR US); **A24B 15/243** (2013.01 - KR); **A24B 15/287** (2013.01 - KR); **A24B 15/302** (2013.01 - KR); **A24B 15/40** (2013.01 - KR); **A24B 15/42** (2013.01 - EP KR US); **A24F 23/02** (2013.01 - KR)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2020157280 A1 20200806; CA 3127725 A1 20200806; EP 3917339 A1 20211208; EP 3917339 B1 20230607; EP 3917339 C0 20230607; JP 2022519542 A 20220324; KR 20210122776 A 20211012; PH 12021551469 A1 20211206; US 2022095671 A1 20220331

DOCDB simple family (application)
EP 2020052437 W 20200131; CA 3127725 A 20200131; EP 20703956 A 20200131; JP 2021544612 A 20200131; KR 20217022816 A 20200131; PH 12021551469 A 20210621; US 202017424016 A 20200131