

Title (en)
METHOD FOR PRODUCING A TOBACCO PASTE AND RECONSTITUTED TOBACCO, TOBACCO-CONTAINING FILM, AND SYSTEM FOR PRODUCING RECONSTITUTED TOBACCO

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER TABAKPASTE UND REKONSTITUIERTEM TABAK, TABAKHALTIGE FOLIE UND ANLAGE ZUR HERSTELLUNG VON REKONSTITUIERTEM TABAK

Title (fr)
PROCÉDÉ DE PRODUCTION D'UNE PÂTE DE TABAC ET DE TABAC RECONSTITUÉ, FILM CONTENANT DU TABAC ET SYSTÈME DE PRODUCTION DE TABAC RECONSTITUÉ

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Abstract (en)
[origin: WO2021144043A1] The present invention relates to a method for producing a tobacco paste and reconstituted tobacco, a tobacco-containing film, film portions and film shreds, and a system for producing reconstituted tobacco. The method for producing a tobacco paste (10) comprises the following steps: - preparing a powdered material (11) having a predefined particle size, preferably a particle size smaller than 350 µm, particularly preferably between 5 µm and 250 µm or between 120 µm and 300 µm, wherein the material preferably comprises tobacco powder (12); - preparing a highly viscous, water-based binder gel (13), which in particular has a viscosity of at least 1000 cP, preferably between 10,000 cP and 50,000 cP, a water content of at least 50%, preferably between 60% and 80%, and at least one binder, for example guar meal and/or carboxymethylcellulose (CMC); - mixing the powdered material (11) with the binder gel (13) to form a tobacco paste (10) which is in particular substantially solid, wherein the tobacco paste (10) has a low water content or moisture content of preferably at most 50%.

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