Title (en)

DRY-METHOD RECONSTITUTED TOBACCO HAVING ADJUSTABLE AND CONTROLLABLE AIR PERMEABILITY AND TIGHTNESS, AND PREPARATION METHOD AND APPLICATION OF DRY-METHOD RECONSTITUTED TOBACCO

Title (de)

IM TROCKENVERFAHREN REKONSTITUIERTER TABAK, DER EINE EINSTELLBARE UND KONTROLLIERBARE LUFTDURCHLÄSSIGKEIT UND DICHTIGKEIT AUFWEIST, SOWIE ZUBEREITUNGSVERFAHREN UND ANWENDUNG VON IM TROCKENVERFAHREN REKONSTITUIERTEM TABAK

Title (fr)

TABAC RECONSTITUÉ À SEC AYANT UNE PERMÉABILITÉ ET UNE ÉTANCHÉITÉ À L'AIR RÉGLABLES ET CONTRÔLABLES, ET PROCÉDÉ DE PRÉPARATION ET APPLICATION DE TABAC RECONSTITUÉ À SEC

Publication

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Application

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Abstract (en)

[origin: EP4066653A1] The invention relates to a dry-method reconstituted tobacco having adjustable and controllable air permeability and tightness, and a preparation method and an application thereof. Aiming at loose and porous structure and variable pore sizes of the base structure of a dry-method reconstituted tobacco, the particle size of solids (tobacco particles) in a coating liquid is changed to fill up the pores of different diameters, so that the first-level adjustment and control of air permeability and tightness is achieved; a section of roll coating, dip coating or curtain coating, slit coating or otherwise is applied after spray coating to achieve the second-level adjustment and control of air permeability and tightness; and the surface finishing and thickness are adjusted for the reconstituted tobacco by adjusting the moisture and pressure during press polishing, so that the third-level adjustment and control of air permeability and tightness is achieved. The air permeability and tightness of the dry-method reconstituted tobacco according to the invention can be reasonably adjusted and controlled according to the requirements of a heated cigarette product for high, medium, and low sensory quality, thereby satisfying the quality requirements for smoke characteristics of the heated cigarette.

IPC 8 full level

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Citation (search report)

- [A] CN 109875097 A 20190614 - CHINA TOBACCO GUANGDONG IND CO, et al
- [A] CN 104824824 A 20150812 - SHAANXI SCIENCE AND ENGINEERING ELECTROMECHANICAL SCIENCE & TECHNOLOGY CO LTD
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- See references of WO 2021103732A1

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