

Title (en)  
DRYING-PROCESS RECONSTITUTED TOBACCO LEAF, METHOD AND DEVICE FOR PRODUCING DRYING-PROCESS RECONSTITUTED TOBACCO LEAF

Title (de)  
DURCH EINEN TROCKNUNGSPROZESS REKONSTITUIERTES TABAKBLATT, VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES DURCH EINEN TROCKNUNGSPROZESS REKONSTITUIERTEN TABAKBLATTS

Title (fr)  
FEUILLE DE TABAC RECONSTITUÉE PAR VOIE SÈCHE, PROCÉDÉ ET DISPOSITIF DE PRODUCTION DE FEUILLE DE TABAC RECONSTITUÉE PAR VOIE SÈCHE

Publication  
**EP 3586649 A1 20200101 (EN)**

Application  
**EP 18188277 A 20180809**

Priority  
CN 201810699318 A 20180629

Abstract (en)  
A method and device for producing a dry-process reconstituted tobacco leaf relate to the field of reconstituted tobacco leaf production. The method for producing a dry-process reconstituted tobacco leaf includes steps of: pulverizing and defibering, under an anhydrous condition, plant fibers to generate a base sheet; mixing tobacco powder as pulverized with water, adhesive, humectant and tobacco essence flavor to provide coating liquid; and loading the coating liquid onto the base sheet and performing a drying process, to generate the dry-process reconstituted tobacco leaf. The device for producing a dry-process reconstituted tobacco leaf includes a fiber defibering means configured to pulverize and defiber plant fibers, a base sheet forming means configured to make the pulverized and defibered plant fibers formed into a base sheet, a spraying means configured to spray coating liquid onto the base sheet, and a drying means configured to dry the base sheet on which the coating liquid is loaded, so as to obtain the dry-process reconstituted tobacco leaf. The dry-process reconstituted tobacco leaf is produced by the above method or device for producing a dry-process reconstituted tobacco leaf. The present method and device for producing a dry-process reconstituted tobacco leaf are featured by a simple process flow, low water consumption and a high utilization ratio of raw materials.

IPC 8 full level  
**A24B 3/14** (2006.01); **A24C 5/01** (2020.01)

CPC (source: CN EP US)  
**A24B 3/14** (2013.01 - CN EP US); **A24B 15/12** (2013.01 - CN); **A24B 15/30** (2013.01 - CN); **A24C 5/01** (2020.01 - CN EP US)

Citation (search report)  
• [X] EP 2989905 A1 20160302 - GUANGDONG GOLDEN LEAF TECHNOLOGY DEV CO LTD [CN]  
• [X] US 4542755 A 19850924 - SELKE WILLIAM A [US], et al  
• [X] CN 107897996 A 20180413 - CHINA TOBACCO GUANGDONG IND CO, et al  
• [A] CN 103222676 A 20130731 - CHINA TOBACCO HUNAN IND CO LTD

Cited by  
CN112021633A; CN116250648A; CN113576018A; CN112167705A; CN113455693A; CN113455692A; CN115644489A; CN115777979A; US12011027B2; WO2023021227A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3586649 A1 20200101**; CN 110652028 A 20200107; SG 10201806908V A 20200130; TW 202000048 A 20200101; ZA 201805507 B 20201223

DOCDB simple family (application)  
**EP 18188277 A 20180809**; CN 201810699318 A 20180629; SG 10201806908V A 20180815; TW 107128074 A 20180810; ZA 201805507 A 20180817