

Title (en)  
Device for making tobacco filaments.

Title (de)  
Vorrichtung zur Herstellung von Tabakfasern.

Title (fr)  
Dispositif de fabrication de filaments de tabac.

Publication  
**EP 0039647 A1 19811111 (FR)**

Application  
**EP 81400711 A 19810506**

Priority  
FR 8010097 A 19800506

Abstract (en)  
1. Device for manufacturing tobacco filaments by extruding a moist mixture based on tobacco particles, by means of a screw extruder (1) fitted with a die consisting of a plate transverse to the extrusion axis and incorporating a plurality of orifices of small cross-section for forming filaments, characterised in that the die consists of a gridwork (6) formed by taut intercrossed wires of rounded cross-section and the gridwork (6) is placed at the outlet of a cylindrical duct (3) of a diameter which is sufficient for the extrusion pressure not to produce drying of the mixture, and the length of which is between 0.5 and 3 times the diameter, the material firstly forming in the cylindrical duct (3) a plug (5) which is subsequently divided into filaments by the gridwork (6).

Abstract (fr)  
L'invention a pour objet un dispositif de fabrication de filaments de tabac par extrusion d'un mélange humide à base de particules de tabac, au moyen d'une extrudeuse à vis 1. Selon l'invention la filière est constituée d'un conduit cylindrique (3) de section suffisante pour la formation sous pression d'un boudin de tabac (5) suivi d'un grillage (6) interposé sur le passage dudit boudin (5) et placé dans un plan transversal à l'axe du conduit (3) à la sortie de celui-ci- ledit grillage (6) étant constitué de fils tendus entrecroisés à section arrondie susceptibles de diviser le boudin (5) en une pluralité de filaments (7) constituant du chevelu de tabac.

IPC 1-7  
**A24B 3/14**; **B30B 11/22**

IPC 8 full level  
**A24B 3/14** (2006.01); **B30B 11/22** (2006.01)

CPC (source: EP US)  
**A24B 3/14** (2013.01 - EP US); **B30B 11/221** (2013.01 - EP US)

Citation (search report)  
• DE 2358656 A1 19740627 - TAMAG BASEL AG  
• DE 2633627 A1 19770210 - TABAC FAB REUNIES SA  
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• GB 770071 A 19570313 - NAT RES DEV  
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Cited by  
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**EP 81400711 A 19810506**; AT 81400711 T 19810506; BR 8102569 A 19810427; CA 376857 A 19810505; CU 35450 A 19810506; DE 3171995 T 19810506; FR 8010097 A 19800506; JP 6805481 A 19810506