

Title (en)

Method for forming a roll in the cigarette-making process and apparatus therefor.

Title (de)

Verfahren zum Formen eines Stranges bei der Herstellung von Zigaretten und Einrichtung dafür.

Title (fr)

Procédé pour la formation d'un boudin continu dans la fabrication des cigarettes et appareil pour la mise en oeuvre du procédé.

Publication

**EP 0399951 A1 19901128 (FR)**

Application

**EP 90810360 A 19900516**

Priority

CH 201289 A 19890525

Abstract (en)

The layer of tobacco (5) is piled up against the conveyor belt (2) by the airflow (6). The trimmer (7) removes the superfluous tobacco and forms the final layer (10) which will then be wrapped in the paper to constitute the roll. The measuring unit (13) measures the thickness of the layer (5) by means of the attenuation of a ray, while the measuring unit (14) measures the degree of porosity of the layer by virtue of the pressure drop between the underside and the upper side of the layer. These two data are transmitted to the calculation unit (19) which forms the parameter (F), transmitted to the central unit (17) which supplies to the code converter (16) the pulses actuating the encoder (15) of the motor (11). The latter regulates the thickness of the layer (10). <IMAGE>

IPC 1-7

**A24C 5/18**; **A24C 5/34**

IPC 8 full level

**A24C 5/18** (2006.01); **A24C 5/34** (2006.01)

CPC (source: EP US)

**A24C 5/1871** (2013.01 - EP US); **A24C 5/34** (2013.01 - EP US); **Y10S 131/906** (2013.01 - EP US)

Citation (search report)

- [AD] GB 2028097 A 19800305 - HAUNI WERKE KOERBER & CO KG
- [AD] GB 2207595 A 19890208 - KOERBER AG
- [A] GB 2207594 A 19890208 - KOERBER AG
- [AD] FR 2299822 A1 19760903 - JAPAN TOBACCO & SALT PUBLIC [JP]
- [A] GB 2196524 A 19880505 - MOLINS PLC

Cited by

EP1234513A1; US6698434B2

Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

**EP 0399951 A1 19901128**; CH 683227 A5 19940215; US 5085229 A 19920204

DOCDB simple family (application)

**EP 90810360 A 19900516**; CH 201289 A 19890525; US 52570290 A 19900521