

Title (en)

Method and device for forming products having variable tobacco density in the tobacco industry

Title (de)

Verfahren und Vorrichtung zur Herstellung von Produkten mit variabler Tabakdichte in der Tabakindustrie

Title (fr)

Procédé et dispositif de fabrication de produits de l'industrie du tabac à densité de tabac variable

Publication

**EP 0629354 B1 19970924 (FR)**

Application

**EP 93810432 A 19930616**

Priority

- EP 93810432 A 19930616
- SG 1996004274 A 19930616

Abstract (en)

[origin: EP0629354A1] When manufacturing a cigarette which is completely or partly formed of strands or sides of expanded tobacco or short strands, or else containing a smaller amount of tobacco, difficulties are encountered in obtaining a cigarette which has an acceptable measured compressibility value. By providing a cigarette-manufacturing machine (1) with a cam (3) which has at least one additional bearing surface (32A, 33A, 34A, 35A) it is possible, just before the operation (15) of nipping the top off the twist (20), to compress a certain number of regions (22) of the said twist, thereby increasing the tobacco density in these regions. A cigarette including one or more regions (22) with a tobacco density which has been increased in this way has a measured compressibility value which is equivalent to a normal cigarette. <IMAGE>

IPC 1-7

**A24C 5/18**

IPC 8 full level

**A24C 5/18** (2006.01); **A24D 1/00** (2006.01)

CPC (source: EP US)

**A24C 5/1814** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0629354 A1 19941221; EP 0629354 B1 19970924**; AT E158476 T1 19971015; AU 6064994 A 19941222; AU 673417 B2 19961107; CA 2125111 A1 19941217; CA 2125111 C 20040413; CZ 116894 A3 19950118; CZ 283949 B6 19980715; DE 69314165 D1 19971030; DE 69314165 T2 19980319; DK 0629354 T3 19980427; ES 2109463 T3 19980116; HU 214185 B 19980128; HU 9401320 D0 19940829; HU T70286 A 19950928; JP 3484229 B2 20040106; JP H078250 A 19950113; PL 178897 B1 20000630; PL 303833 A1 19950109; SG 46399 A1 19980220; SK 281668 B6 20010611; SK 43794 A3 19950112; US 5501233 A 19960326; US 5586565 A 19961224

DOCDB simple family (application)

**EP 93810432 A 19930616**; AT 93810432 T 19930616; AU 6064994 A 19940422; CA 2125111 A 19940603; CZ 116894 A 19940512; DE 69314165 T 19930616; DK 93810432 T 19930616; ES 93810432 T 19930616; HU 9401320 A 19940505; JP 15638994 A 19940616; PL 30383394 A 19940614; SG 1996004274 A 19930616; SK 43794 A 19940415; US 25971894 A 19940614; US 57510895 A 19951219