

Title (en)

METHOD FOR IMPROVING THE FILLING ABILITY OF TOBACCO

Title (de)

VERFAHREN ZUR VERBESSERUNG DER FÜLLFÄHIGKEIT VON TABAK

Title (fr)

PROCEDE POUR AMELIORER LE POUVOIR DE REMPLISSAGE DE TABAC

Publication

EP 1255457 A1 20021113 (DE)

Application

EP 01907496 A 20010205

Priority

- DE 10006425 A 20000214
- EP 0101229 W 20010205

Abstract (en)

[origin: WO0158288A1] The invention relates to a method for improving the filling ability of tobacco, such as cut tobacco leaves, or ribs, or tobacco additives, whereby the tobacco material with an initial water content of up to 15 wt % is treated with a gas, comprising nitrogen and/or argon, at pressures from 50 to 1000 bar with a continuous, or staged compression, followed by a continuous or staged decompression, whereby the compression and decompression steps occur in, either an autoclave, or a cascade-like series of several autoclaves and, finally, a thermal after-treatment of the withdrawn tobacco material. The invention is characterised in that the compression is carried out at a working temperature of over 55 DEG C, preferably from 60 to 90 DEG C and the final water content of the tobacco is in the range of 8 to 14 wt. %.

IPC 1-7

A24B 3/18

IPC 8 full level

A24B 3/18 (2006.01); **A24B 9/00** (2006.01)

CPC (source: EP KR US)

A24B 3/18 (2013.01 - KR); **A24B 3/182** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0158288 A1 20010816; AR 027419 A1 20030326; AT E243438 T1 20030715; AU 3545001 A 20010820; BG 107105 A 20030530; BR 0108282 A 20021029; CA 2398951 A1 20010816; CN 1404366 A 20030319; CZ 20023079 A3 20030312; DE 10006425 C1 20010816; DE 50100335 D1 20030731; EA 004085 B1 20031225; EA 200200856 A1 20030626; EE 200200448 A 20031215; EP 1255457 A1 20021113; EP 1255457 B1 20030625; ES 2202277 T3 20040401; HU P0204461 A2 20030428; IL 150790 A0 20030212; JP 2003525035 A 20030826; KR 20020075430 A 20021004; NO 20023782 D0 20020809; NO 20023782 L 20020809; PL 193100 B1 20070131; PL 357298 A1 20040726; SK 13322002 A3 20030204; UA 72316 C2 20050215; US 2003089376 A1 20030515

DOCDB simple family (application)

EP 0101229 W 20010205; AR P010100651 A 20010214; AT 01907496 T 20010205; AU 3545001 A 20010205; BG 10710502 A 20020913; BR 0108282 A 20010205; CA 2398951 A 20010205; CN 01805011 A 20010205; CZ 20023079 A 20010205; DE 10006425 A 20000214; DE 50100335 T 20010205; EA 200200856 A 20010205; EE P200200448 A 20010205; EP 01907496 A 20010205; ES 01907496 T 20010205; HU P0204461 A 20010205; IL 15079001 A 20010205; JP 2001557410 A 20010205; KR 20027010639 A 20020814; NO 20023782 A 20020809; PL 35729801 A 20010205; SK 13322002 A 20010205; UA 2002097456 A 20010205; US 18273302 A 20021002