

Title (en)

METHOD OF CHANGING THE VOLUME OF CUT TOBACCO STEMS AND DEVICE FOR CARRYING OUT THIS METHOD

Publication

EP 0049534 B1 19860618 (DE)

Application

EP 81108047 A 19811007

Priority

DE 3037885 A 19801007

Abstract (en)

[origin: ES8303054A1] The invention relates to an apparatus and a method of increasing the volume of cut tobacco ribs by impregnating tobacco ribs with an impregnating agent, which contains at least water, up to a water content of at least 45% by weight, heating the impregnated tobacco rib parts with a gaseous heating and transport medium containing steam and having a temperature of from approx. 105 DEG to approx. 250 DEG C., said tobacco rib parts being transported through an expansion zone and a drying zone a pneumatic transport system. The impregnated tobacco rib parts are kept in the expansion and drying zones for a period of at least approx. 10 seconds and are dried to a final moisture content of at least 12.5% by weight.

IPC 1-7

A24B 5/16; A24B 3/18

IPC 8 full level

A24B 3/18 (2006.01); **A24B 5/16** (2006.01)

CPC (source: EP KR US)

A24B 3/18 (2013.01 - KR); **A24B 3/182** (2013.01 - EP US); **A24B 5/16** (2013.01 - EP US)

Cited by

EP0074534A3; US5826590A; EA000182B1; EP0285811A1; FR2526639A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0049534 A1 19820414; EP 0049534 B1 19860618; AR 225972 A1 19820514; AT E20423 T1 19860715; AU 552321 B2 19860529; AU 7575381 A 19820422; BR 8106446 A 19820622; CA 1167732 A 19840522; DE 3037885 A1 19820506; DE 3037885 C2 19880303; ES 506067 A0 19830201; ES 8303054 A1 19830201; JP S5791186 A 19820607; JP S6364192 B2 19881209; KR 830006938 A 19831012; KR 890003799 B1 19891005; MX 158071 A 19890104; SU 1366038 A3 19880107; US 4483352 A 19841120; ZA 816721 B 19820929

DOCDB simple family (application)

EP 81108047 A 19811007; AR 28701481 A 19811007; AT 81108047 T 19811007; AU 7575381 A 19810929; BR 8106446 A 19811007; CA 387492 A 19811007; DE 3037885 A 19801007; ES 506067 A 19811006; JP 16004481 A 19811007; KR 810003744 A 19811005; MX 18995081 A 19811006; SU 3343692 A 19811006; US 30780081 A 19811002; ZA 816721 A 19810928