

Title (en)
PROCESS AND APPARATUS FOR REORDERING EXPANDED TOBACCO

Title (de)
VERFAHREN UND VORRICHTUNG ZUR NEUORDNUNG VON EXPANDIERTEM TABAK

Title (fr)
PROCEDE ET DISPOSITIF DESTINES AU REASSOUPPLISSEMENT DU TABAC GONFLE

Publication
EP 1758472 A4 20080326 (EN)

Application
EP 05757402 A 20050603

Priority

- US 2005019659 W 20050603
- US 86117304 A 20040604

Abstract (en)
[origin: WO2005117618A2] A process reorders tobacco that has been expanded by impregnating the tobacco under pressure with liquid carbon dioxide, forming a frozen mass of the tobacco and carbon dioxide and heating the frozen mass in an expansion zone to sublimate the carbon dioxide and thereby expand the tobacco. The expanded tobacco is discharged from the expansion zone and before the temperature of the expanded tobacco is below about 80 °F and preferably when the expanded tobacco is at an elevated temperature of between about 180 °F and about 212 °F, the tobacco is contacted with humidifying air having a temperature of about 80 °F to about 91 °F and a relative humidity of about 58 % to about 88 %.

IPC 8 full level
A24B 3/02 (2006.01); **A24B 1/02** (2006.01); **A24B 3/04** (2006.01); **A24B 3/18** (2006.01)

CPC (source: EP US)
A24B 3/04 (2013.01 - EP US); **A24B 3/185** (2013.01 - EP US)

Citation (search report)

- [X] EP 1369047 A2 20031210 - LORILLARD LICENSING COMPANY LL [US]
- [A] US 4202357 A 19800513 - AUMENT PATRICK E [US], et al
- [A] US 4089666 A 19780516 - KNIGHT JACK B
- [A] GB 1570270 A 19800625 - PHILIP MORRIS INC
- See references of WO 2005117618A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
US 2004216756 A1 20041104; EP 1758472 A2 20070307; EP 1758472 A4 20080326; WO 2005117618 A2 20051215;
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