

Title (en)  
PROCESS FOR EXPANDING TOBACCO

Publication  
**EP 0450569 B1 19930901 (DE)**

Application  
**EP 91105187 A 19910402**

Priority  
DE 4010892 A 19900404

Abstract (en)  
[origin: JPH04228055A] PURPOSE: To provide a new expanding method for tobacco with which the capacitance of tobacco to be charged is remarkably increased by practically selectively soaking only the small holes and porous surface of tobacco. CONSTITUTION: By mixing tobacco and cold carbon dioxide at a predetermined weight ratio, it is cooled to the predetermined temperature (a), this cooled tobacco is soaked in liquid carbon dioxide through treatment due to gas carbon dioxide to the predetermined pressure for the predetermined contact time under the condensation of this gas carbon dioxide (b), by rapidly lowering the pressure of this carbon dioxide, the liquid carbon dioxide condensed in the tobacco is transduced to solid carbon dioxide, at the same time, the gas carbon dioxide is formed (c) and the tobacco containing the solid carbon dioxide is expanded through hot gas treatment.

IPC 1-7  
**A24B 3/18**

IPC 8 full level  
**A24B 3/18** (2006.01)

CPC (source: EP US)  
**A24B 3/182** (2013.01 - EP US); **Y10S 131/90** (2013.01 - EP US)

Cited by  
EP0565246A3; US5649552A; US5799665A

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0450569 A2 19911009; EP 0450569 A3 19920226; EP 0450569 B1 19930901**; AT E93687 T1 19930915; CN 1028201 C 19950419; CN 1055289 A 19911016; DE 4010892 A1 19911010; DE 4010892 C2 19930729; DE 59100336 D1 19931007; DK 0450569 T3 19931122; ES 2045975 T3 19940116; JP H04228055 A 19920818; JP H0755144 B2 19950614; US 5172707 A 19921222

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