

Title (en)  
PROCESS FOR TREATING TOBACCO AND SIMILAR ORGANIC MATERIALS

Publication  
**EP 0242418 B1 19890104 (DE)**

Application  
**EP 86105606 A 19860423**

Priority  
EP 86105606 A 19860423

Abstract (en)  
[origin: US4821747A] Apparatus to expand shredded material, the latter is impregnated with an inert organic liquid which is evaporated subsequently. The substantial portion of the impregnant is separated. To eliminate the residual amount of impregnate still contained in the material, the material is fed in heaps on a conveyor belt (36) to a microwave chamber (39). Upstream and downstream of the microwave chamber, one sluice each (38,40) is provided. The gates (43,44;49,51) of the sluice are synchronized with the drive of the conveyor belt (36). Microwave energy is supplied under continuous control to the microwave chamber (39). The vapors are removed by suction lines (47,55) and fed to a regenerator for recovery of the impregnant.

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

IPC 8 full level  
**B01J 19/12** (2006.01); **A24B 3/18** (2006.01); **A24B 15/22** (2006.01)

CPC (source: EP US)  
**A24B 3/182** (2013.01 - EP US); **Y10S 131/903** (2013.01 - EP US)

Cited by  
CN107259633A; EP0242873B1

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

DOCDB simple family (publication)  
**EP 0242873 A1 19871028; EP 0242873 B1 19890809**; AT E39600 T1 19890115; AT E45272 T1 19890815; DE 3661587 D1 19890209; DE 3760403 D1 19890914; EP 0242418 A1 19871028; EP 0242418 B1 19890104; ES 2010686 B3 19891201; GR 3000206 T3 19901231; JP S62257374 A 19871109; US 4821747 A 19890418; US 4944316 A 19900731

DOCDB simple family (application)  
**EP 87105912 A 19870422**; AT 86105606 T 19860423; AT 87105912 T 19870422; DE 3661587 T 19860423; DE 3760403 T 19870422; EP 86105606 A 19860423; ES 87105912 T 19870422; GR 890400230 T 19891108; JP 9766687 A 19870422; US 17133088 A 19880321; US 3080087 A 19870327