

Title (en)  
Treatment of process gas for a tobacco dryer

Title (de)  
Prozessgasaufbereitung für Tabaktrockner

Title (fr)  
Préparation d'un gaz de traitement pour un sècheur de tabac

Publication  
**EP 1249181 B1 20041229 (DE)**

Application  
**EP 02006529 A 20020319**

Priority  
DE 10117783 A 20010410

Abstract (en)  
[origin: EP1249181A2] The assembly to prepare a process gas for drying tobacco, and especially in a flow or entrained dryer, has a unit to feed and evaporate water to be added to the process gas. The water feed/evaporation unit (1) is located in front of the dryer, and before the tobacco is in contact with the process gas. The water is delivered into the process gas by a number of spray jets (6) at the boiler, to be wholly evaporated with the gas in an evaporation chamber (8).

IPC 1-7  
**A24B 3/04**; **F26B 17/10**; **F26B 21/08**

IPC 8 full level  
**A24B 3/04** (2006.01); **A24B 9/00** (2006.01); **F26B 17/10** (2006.01); **F26B 21/08** (2006.01)

CPC (source: EP US)  
**A24B 3/04** (2013.01 - EP US); **F26B 17/10** (2013.01 - EP US); **F26B 21/08** (2013.01 - EP US); **F26B 2200/22** (2013.01 - EP US); **Y10S 261/15** (2013.01 - EP US)

Cited by  
EP2202474A1; EP1703240A3; CN103948157A; CN114226226A; EP1703240A2

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)  
**EP 1249181 A2 20021016**; **EP 1249181 A3 20031029**; **EP 1249181 B1 20041229**; AT E285686 T1 20050115; BR 0201174 A 20030610; BR 0201174 B1 20121002; DE 10117783 A1 20021024; DE 50201868 D1 20050203; ES 2233731 T3 20050616; RU 2229252 C2 20040527; US 2002185755 A1 20021212; US 6880814 B2 20050419

DOCDB simple family (application)  
**EP 02006529 A 20020319**; AT 02006529 T 20020319; BR 0201174 A 20020410; DE 10117783 A 20010410; DE 50201868 T 20020319; ES 02006529 T 20020319; RU 2002109244 A 20020409; US 12000202 A 20020410