

Title (en)
METHOD AND APPARATUS FOR LOW RESIDENCE TIME REDRYING OF TOBACCO

Title (de)
VERFAHREN UND EINRICHTUNG ZUR KURZZEITIGEN TROCKNUNG VON TABAK

Title (fr)
PROCEDE ET APPAREIL DE SECHAGE DE TABAC A DUREE DE SEJOUR REDUITE

Publication
EP 0959698 B1 20021204 (EN)

Application
EP 97905615 A 19970127

Priority
• US 9701157 W 19970127
• US 1108496 P 19960202
• US 73292896 A 19961017

Abstract (en)
[origin: WO9727766A1] A method and apparatus is given for a low residence time redrying of strip tobacco. The apparatus thoroughly and evenly dries and cools the tobacco consistently through the entire tobacco bed as it passes through the dryer (38) and cooler (32). The apparatus utilizes a plurality of individually controlled fluidized bed heating zones (22-30) for drying the tobacco. An additional fluidized bed cooling zone (32) is provided to cool the tobacco prior to reordering. A continuous conveyer (14) extends through the heating zones and cooling zones. A steam tunnel (40) is utilized to raise the moisture content of the dried tobacco to preselected moisture levels. A vibrating conveyer (60) moves the tobacco through the steam tunnel.

IPC 1-7
A24B 3/04; **A24B 3/10**

IPC 8 full level
A24B 3/04 (2006.01); **A24B 3/10** (2006.01); **A24B 3/12** (2006.01)

CPC (source: EP)
A24B 3/04 (2013.01); **A24B 3/10** (2013.01)

Cited by
EP3799725A1; CN110963322A

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

DOCDB simple family (publication)
WO 9727766 A1 19970807; AR 005625 A1 19990623; AT E228781 T1 20021215; AU 2245797 A 19970822; AU 704974 B2 19990513; BR 9707482 A 19990406; CA 2246050 A1 19970807; CA 2246050 C 20030715; CN 1073836 C 20011031; CN 1210448 A 19990310; CO 4750778 A1 19990331; DE 69717675 D1 20030116; DE 69717675 T2 20030918; EP 0959698 A1 19991201; EP 0959698 B1 20021204; ID 19597 A 19980723; JP 2002502231 A 20020122; JP 2003299473 A 20031021; JP 3441079 B2 20030825; JP 3807551 B2 20060809; MA 26142 A1 20040701; MY 113556 A 20020330; TR 199801499 T2 19981123; UA 44351 C2 20020215

DOCDB simple family (application)
US 9701157 W 19970127; AR P970100390 A 19970130; AT 97905615 T 19970127; AU 2245797 A 19970127; BR 9707482 A 19970127; CA 2246050 A 19970127; CN 97192038 A 19970127; CO 97004750 A 19970131; DE 69717675 T 19970127; EP 97905615 A 19970127; ID 970313 A 19970131; JP 2003104759 A 20030409; JP 52772997 A 19970127; MA 24482 A 19970203; MY PI19970357 A 19970130; TR 9801499 T 19970127; UA 98094672 A 19970127