

Title (en)

DRYER FOR GOODS IN STRIP OR PANEL FORM

Title (de)

TROCKNER FÜR BAND- ODER PLATTENFÖRMIGES GUT

Title (fr)

SECHOIR POUR MATERIAU EN BANDE OU EN PLAQUE

Publication

EP 1180231 A1 20020220 (DE)

Application

EP 00920488 A 20000310

Priority

- DE 19922165 A 19990512
- EP 0002139 W 20000310

Abstract (en)

[origin: US6581302B1] In known rack dryers, the drying effect is weaker in the outer area on the side of the air intake into the pipe chambers than in the other areas. Said weaker drying effect is caused by turbulence in this area, which leads to a drop in the static pressure. The aim of the invention is to provide a dryer which ensures even drying of the goods across the entire width, even in the problem areas. The rack dryer is equipped with conductive bodies (20, 26) which are located on the partition wall (5) and which streamline the current in the area of the air intake into the pipe chambers in such a way, that a predominantly even static pressure prevails throughout the entire pipe chamber. The invention can be used for drying sandwich-type plaster board or wood veneer.

IPC 1-7

F26B 21/00; F26B 15/12

IPC 8 full level

B27K 5/00 (2006.01); **B28B 11/24** (2006.01); **F26B 15/12** (2006.01); **F26B 21/00** (2006.01); **F26B 21/02** (2006.01)

CPC (source: EP US)

F26B 15/12 (2013.01 - EP US); **F26B 21/00** (2013.01 - EP US); **F26B 21/02** (2013.01 - EP US)

Citation (search report)

See references of WO 0070283A1

Cited by

CN111504017A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6581302 B1 20030624; AT E269528 T1 20040715; CA 2372752 A1 20001123; CA 2372752 C 20061205; DE 19922165 A1 20001123; DE 19922165 C2 20010830; DE 50006827 D1 20040722; DK 1180231 T3 20041101; EP 1180231 A1 20020220; EP 1180231 B1 20040616; ES 2220454 T3 20041216; JP 2002544468 A 20021224; PT 1180231 E 20040930; TW 464753 B 20011121; WO 0070283 A1 20001123

DOCDB simple family (application)

US 91391801 A 20010817; AT 00920488 T 20000310; CA 2372752 A 20000310; DE 19922165 A 19990512; DE 50006827 T 20000310; DK 00920488 T 20000310; EP 0002139 W 20000310; EP 00920488 A 20000310; ES 00920488 T 20000310; JP 2000618670 A 20000310; PT 00920488 T 20000310; TW 89107254 A 20000418