

Title (en)  
Drying apparatus

Title (de)  
Trocknungsvorrichtung

Title (fr)  
Dispositif de séchage

Publication  
**EP 1132701 A2 20010912 (EN)**

Application  
**EP 01000023 A 20010220**

Priority  
FI U20000082 U 20000225

Abstract (en)  
The present invention relates to a drying apparatus (1) for drying timber (13) formed of both round and sawn timber. The drying apparatus comprises, as in the prior art, a drying chamber for receiving the timber to be dried, circulation means (16, 17) for guiding heated drying air in the drying chamber and members (30) for leading water vapour (29) into the drying chamber. A longitudinal drying chamber is provided with a partition wall (10) dividing the chamber in its longitudinal direction into two separate drying spaces (11, 12) in which the drying is arranged to take place by the circulation of drying air through both the spaces. To heat the drying air, the apparatus is provided with heat exchangers (18, 19) which are arranged into flow spaces (20, 21) connected to the drying spaces. The heated drying air circulates in longitudinal gaps (14, 15) in the timber load by impact of a pressure difference produced at the opposite ends of the timber load by means of the circulation means. <IMAGE>

IPC 1-7  
**F26B 9/06**; **F26B 21/08**; **F26B 23/02**

IPC 8 full level  
**F26B 9/06** (2006.01); **F26B 21/08** (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP)  
**F26B 9/06** (2013.01); **F26B 21/08** (2013.01); **F26B 23/028** (2013.01); **F26B 2210/16** (2013.01)

Cited by  
CN103245183A; FR2854831A1; CN113865287A; FR2896033A1; CN113251754A; ITUB20160210A1; CN103162524A; EP2037198A3; CN104522150A; US10619921B2; US8844159B2; WO2007080318A3

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 1132701 A2 20010912**; **EP 1132701 A3 20030402**; FI 4462 U1 20000602; FI U20000082 U0 20000225

DOCDB simple family (application)  
**EP 01000023 A 20010220**; FI U20000082 U 20000225