

Title (en)

BIO-THERMAL METHOD AND SYSTEM FOR STABILISING TIMBER

Title (de)

UMWELTFREUNDLICHE THERMISCHE BEHANDLUNG UND VORRICHTUNG ZUR BAUHOLZSTABILISIERUNG

Title (fr)

PROCÉDÉ ET SYSTÈME BIO-THERMIQUES POUR STABILISER DES BOIS D'OEUVRE

Publication

EP 1751482 A1 20070214 (FR)

Application

EP 05770880 A 20050513

Priority

- FR 2005001196 W 20050513
- FR 0405227 A 20040513

Abstract (en)

[origin: WO2005116551A1] The invention relates to a bio-thermal method of stabilising a load of wood, such as timber, comprising the following steps: generation of a treat gas stream (GT) at a high temperature from thermal generation means (2), treatment of the load of wood with the treat gas stream (GT), and recovery of the laden gas stream (GC) after treatment. The treat gas (GT) is preferably carbon dioxide which can be obtained from an energy cogeneration system.

IPC 8 full level

F26B 3/02 (2006.01); **B27K 5/06** (2006.01); **F26B 21/14** (2006.01); **F26B 23/00** (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP US)

B27K 3/02 (2013.01 - EP US); **B27K 5/0085** (2013.01 - EP US)

Citation (search report)

See references of WO 2005116551A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005116551 A1 20051208; CA 2566695 A1 20051208; EP 1751482 A1 20070214; EP 1751482 B1 20140430; FR 2870154 A1 20051118; FR 2870154 B1 20121214; US 2008277027 A1 20081113; US 8857074 B2 20141014

DOCDB simple family (application)

FR 2005001196 W 20050513; CA 2566695 A 20050513; EP 05770880 A 20050513; FR 0405227 A 20040513; US 59630705 A 20050513