

Title (en)

METHOD AND SYSTEM FOR HEATING FROZEN LOGS

Title (de)

VERFAHREN UND SYSTEM ZUM ERWÄRMEN VON GEFRORENEEN BAUMSTÄMMEN

Title (fr)

METHODE ET SYSTEME POUR CHAUFFER DES BILLES GELEES

Publication

**EP 1670622 A4 20070425 (FR)**

Application

**EP 04789713 A 20041004**

Priority

- CA 2004001804 W 20041004
- CA 2443006 A 20031003

Abstract (en)

[origin: WO2005032779A2] The invention relates to a method and system (1) for heating frozen timber logs (3) in order to ease the debarking thereof. The inventive method consists in carrying the frozen timber logs (3) through a determined distance and in exposing said timber logs (3) to infrared radiation (11) during said travel in order to heat the logs (3) by means of said infrared radiation (11). The inventive system (1) comprises a conveyor (13) for carrying and rotating the frozen logs (3) during a determined distance and a surface (15) for infrared radiation (11) which is arranged with respect to the conveyor (13) in such a way that the timber logs (3) are exposed to infrared radiation (11) along said distance and heated by said infrared radiation (11).

IPC 8 full level

**B27L 1/00** (2006.01); **B27G 3/00** (2006.01); **B27M 1/00** (2006.01); **F26B 3/30** (2006.01); **F26B 15/10** (2006.01)

CPC (source: EP)

**B27L 1/00** (2013.01); **F26B 3/30** (2013.01); **F26B 15/10** (2013.01); **F26B 2210/16** (2013.01)

Citation (search report)

- [X] JP H08303958 A 19961122 - ISHII YUKIO
- [A] JP 2003094406 A 20030403 - KAKEI TSUTOMU
- See references of WO 2005032779A2

Cited by

CN102980383A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2005032779 A2 20050414; WO 2005032779 A3 20050630**; AT E422177 T1 20090215; CA 2443006 A1 20050403; CA 2540477 A1 20050414; CA 2540477 C 20110913; DE 602004019341 D1 20090319; EP 1670622 A2 20060621; EP 1670622 A4 20070425; EP 1670622 B1 20090204; EP 1670622 B8 20090819

DOCDB simple family (application)

**CA 2004001804 W 20041004**; AT 04789713 T 20041004; CA 2443006 A 20031003; CA 2540477 A 20041004; DE 602004019341 T 20041004; EP 04789713 A 20041004