

Title (en)

Method for continuous manufacturing of fiberboards from wood

Title (de)

Verfahren zur kontinuierlichen Herstellung von Holzwerkstoffplatten

Title (fr)

Procédé pour la fabrication en continu de panneaux en fibres lignocellulosiques

Publication

EP 1688230 A1 20060809 (DE)

Application

EP 06010284 A 20021220

Priority

- EP 02028550 A 20021220
- DE 10163090 A 20011220

Abstract (en)

Method involves fibers, glued with adhesive containing mainly phenolic components. Dosage of solid resin applied on dry wood is less than 5 percent. Pressed material mat (8) is inserted in continuously working press (6) and compressed at start with maximum specific pressure from 2.5 to 5.5 N>mm2> and hardened to fiber board (11). Fiber boards are warm stacked and supplied to heat treatment at over 60[deg]C. An independent claim is also included for the equipment for execution of the method.

IPC 8 full level

B27N 3/18 (2006.01); **B27N 1/00** (2006.01); **B27N 3/24** (2006.01); **B27N 7/00** (2006.01)

CPC (source: EP)

B27N 1/00 (2013.01); **B27N 3/18** (2013.01); **B27N 3/24** (2013.01); **B27N 7/00** (2013.01)

Citation (search report)

- [Y] EP 0365708 A1 19900502 - KRONOSPAN ANSTALT [LI]
- [Y] DE 10024543 A1 20011122 - DIEFFENBACHER GMBH MASCHF [DE]
- [A] CA 1213707 A 19861112 - FORINTEK CANADA CORP
- [A] US 5049334 A 19910917 - BACH LARS [CA]

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL LT LV MK RO

DOCDB simple family (publication)

EP 1323509 A1 20030702; EP 1323509 B1 20080528; AT E396852 T1 20080615; AT E396853 T1 20080615; DE 10163090 A1 20030703; DE 50212316 D1 20080710; DE 50212339 D1 20080710; EP 1688230 A1 20060809; EP 1688230 B1 20080528

DOCDB simple family (application)

EP 02028550 A 20021220; AT 02028550 T 20021220; AT 06010284 T 20021220; DE 10163090 A 20011220; DE 50212316 T 20021220; DE 50212339 T 20021220; EP 06010284 A 20021220