

Title (en)

METHOD FOR PRODUCING A FIBRE-REINFORCED LAMINATE, ESPECIALLY A WOOD LAMINATE, AND A WOOD LAMINATE

Title (de)

HERSTELLUNGSVERFAHREN EINES FASERVERSTÄRKTEN SCHICHTKÖRPERS AUS HOLZ, SOWIE EIN SCHICHTKÖRPER AUS HOLZ

Title (fr)

PROCEDE DE FABRICATION D'UN CORPS STRATIFIE, EN PARTICULIER EN BOIS, AINSI QUE CORPS STRATIFIE EN BOIS

Publication

EP 1105591 A1 20010613 (DE)

Application

EP 99936222 A 19990811

Priority

- CH 9900374 W 19990811
- CH 167198 A 19980813

Abstract (en)

[origin: WO0009830A1] A method for producing a fibre-reinforced laminate (10), especially a wood laminate, whereby a fibre layer (15), a bonding agent (16) - preferably glue - are placed in between two wooden layers (12, 14) that are to be assembled and subsequently joined. The at least one fibre layer (15) inserted between the wooden layers (12,14) is stretched in at least one direction on a plane of expansion, whereby a defined tensile force is employed, and joined to the wooden layers (12, 14) in a stretched state so that the fibre layer (15) remains permanently tensed. The laminate (10) thus obtained is stronger and more rigid.

IPC 1-7

E04C 3/14; **E04C 3/18**; **B27M 3/00**; **B32B 21/10**

IPC 8 full level

B27M 3/00 (2006.01); **B32B 21/10** (2006.01); **E04C 2/24** (2006.01); **E04C 3/18** (2006.01)

CPC (source: EP US)

B27M 3/0053 (2013.01 - EP); **B32B 7/04** (2013.01 - US); **B32B 21/10** (2013.01 - EP US); **E04C 2/24** (2013.01 - EP); **E04C 3/122** (2013.01 - EP); **E04C 3/18** (2013.01 - EP); **E04C 3/185** (2013.01 - EP); **B32B 2305/08** (2013.01 - US)

Citation (search report)

See references of WO 0009830A1

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)

WO 0009830 A1 20000224; AU 5145399 A 20000306; EP 1105591 A1 20010613

DOCDB simple family (application)

CH 9900374 W 19990811; AU 5145399 A 19990811; EP 99936222 A 19990811