

Title (en)
PROCESS AND DEVICE FOR MANUFACTURING AN ENDLESS LINE OF WOODEN BOARDS

Publication
EP 0371978 B1 19911211 (DE)

Application
EP 88905575 A 19880725

Priority
AT 188387 A 19870724

Abstract (en)
[origin: WO8900909A1] An endless line (3) of wooden boards which can be sawn into beams of any desired length consists of a plurality of layers of boards (1) glued and pressed together at staggered joints (2). While the boards (1) are joined in a pressing and glue-hardening section (7), other boards (1) are coated with glue and pressed one by one against the end of a board (7) projecting from the pressing and glue-hardening section (7), the pressure being applied to the free front side of each other board (1'). Spring-back forces are absorbed by the layers of glue applied to the wide side of the superimposed boards (1, 1') immediately the excess glue is forced out of the joint (2) so that application of the pressure can be interrupted before advancing the line. This permits the use of a pressure device having a single pressure element capable of applying pressure to the front side of each other board (1') and which can be displaced parallel and perpendicular to the direction of feed. During the next working cycle, each subsequent group of other boards (1') passes through the pressing and glue-hardening section (7) and the boards are joined to one another and to the preceding boards (1).

IPC 1-7
B27M 3/00

IPC 8 full level
B27M 3/00 (2006.01)

CPC (source: EP)
B27M 3/006 (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8900909 A1 19890209; AT E70215 T1 19911215; DE 3866878 D1 19920123; DK 613589 A 19891206; DK 613589 D0 19891206; EP 0371978 A1 19900613; EP 0371978 B1 19911211

DOCDB simple family (application)
AT 8800055 W 19880725; AT 88905575 T 19880725; DE 3866878 T 19880725; DK 613589 A 19891206; EP 88905575 A 19880725