

Title (en)
METHOD AND APPARATUS FOR ASSEMBLING WOOD STRUCTURES

Publication
EP 0055201 B1 19850320 (FR)

Application
EP 81440029 A 19811221

Priority
FR 8027644 A 19801222

Abstract (en)
[origin: US4426759A] Wooden structures are assembled from a plurality of wooden elements with interposed metallic connectors, by assembling the wooden elements on a work table provided with a rectangular grid. The image of the structure to be assembled, with a superposed grid corresponding to the grid on the table, is projected on the table until the respective grids register with each other. Then the wooden elements are assembled on the picture; and as the corners of the grid on the table are tapped holes, retainers can be used to hold the assembled elements in place. The table with thus-assembled wooden elements is then run through an endless belt press having superposed convergent runs, whereby the metallic connectors are sunk into the wooden elements to complete assembly of the structure, after which the completed structures are removed from the tables onto rollers with interspersed lifting arms that swing vertically about an axis parallel to the direction of movement of the tables. The arms are mounted on a carriage that moves horizontally perpendicular to the direction of movement of the tables to deliver a completed wooden structure to a stack and to return to receive the next structure.

IPC 1-7
B27F 7/15

IPC 8 full level
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CPC (source: EP US)
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Cited by
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