

Title (en)
Method and device for manufacturing a wood panel from residual wood

Title (de)
Verfahren und Einrichtung zum Erstellen einer Holzplatte aus Restholz

Title (fr)
Procédé et dispositif pour la fabrication de panneaux en résidu de bois

Publication
EP 0808700 A2 19971126 (DE)

Application
EP 97106289 A 19970416

Priority
DE 19616881 A 19960427

Abstract (en)
[origin: DE19616881C1] The flooring panel (1) is assembled from thin layers (11) of scrap wood by feeding them to a jig (17) which stacks them into a vertical array. The nailing jig moves in a programmed pattern to nail the topmost layer to the stack without striking any nails (30) in previous layers. This is achieved by a simple stepping pattern which is repeated after a set number of layers. The process can be programmed to omit nails from selected areas which will later be cut out. These correspond to vertical feeds in the construction of the building e.g. flue ducts, supply ducts. Longer panels are made by offsetting the layers to obtain a strong floor panel.

Abstract (de)
Eine Bretterstapel-Platte aus auf die Plattendicke besäumten Waldkantenbrettern wird im Beschickungsbereich eines Horizontal-Staplers (17) für die einzeln flach zugeführten und dann hochkant, stirnseitig voreinander, auf geneigten Richtschienen (16) abgestellten Bretter der aktuellen (neuen) Lage vor der Stirnfläche der dadurch in Längsrichtung anwachsenden Platte (11) mittels eines längs dieser aktuellen Bretter-Lage programmpositionierten Nagelgerätes (28) vernagelt. <IMAGE>

IPC 1-7
B27M 3/00; **B27F 7/00**

IPC 8 full level
B27F 7/00 (2006.01); **B27M 3/00** (2006.01)

CPC (source: EP)
B27F 7/003 (2013.01); **B27F 7/006** (2013.01); **B27M 3/004** (2013.01)

Cited by
EP0925890A1

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
DE 19616881 C1 19970313; **DE 19616881 C2 20000615**; EP 0808700 A2 19971126; EP 0808700 A3 19980610

DOCDB simple family (application)
DE 19616881 A 19960427; EP 97106289 A 19970416