

Title (en)

Wood laminated panel and method and installation for the continuous manufacturing thereof.

Title (de)

Lamellenholz und Verfahren und Vorrichtung zu dessen kontinuierlicher Fertigung.

Title (fr)

Procédé et installation de fabrication en continu de lamellé-collé et produit issue de mise en oeuvre de ce procédé.

Publication

EP 0192532 A1 19860827 (FR)

Application

EP 86400198 A 19860130

Priority

FR 8501280 A 19850130

Abstract (en)

1. Method for the continuous manufacturing of wood laminated panel comprised of a stack of glued layers each of which is made of wood plates joined end to end, which consists in : a- conveying a first layer (1) toward a first glueing station (12) where a portion (1a) of this layer is coated with glue, b- simultaneously : 1. conveying the glue-coated portion (1a) of the first layer (1) toward a first stacking station (13) where a second layer is deposited on the first one, and 2. carrying on the conveying of the first layer (1) toward the first glueing station (12) where a further portion (1b) of this layer is coated with glue, and c- hardening the glue by any means appropriate to the nature of said glue, and d- simultaneously : 1. conveying the assembly (1a, 2a) resulting from step b1. toward a second glueing station (14) where the second layer (2) is coated with glue, 2. conveying the glue-coated portion (1b) of the first layer (1) resulting from step b2. toward the first stacking station (13) where a second layer is deposited on the first one, and 3. carrying on the conveying of the first layer (1) toward the first glueing station (12) where another further portion (1c) of this layer is coated with glue, and e- simultaneously : 1. conveying the assembly (1a, 2a) resulting from step d1. toward a second stacking station (15) where a third layer (3) is deposited on the second one, 2. to 4. submitting to steps d1. to d3. the product resulting of steps d2. and d3., respectively, as well as the next portions of the first layer, and f- carrying the alternating succession of glueing and stacking steps in as many stations as needed for obtaining a product having the desired number of layers, so that one conducts simultaneously the prolongation of each layer and the increase of the layer number while the product is conveyed toward the glue-hardening station.

Abstract (fr)

Le procédé consiste à, simultanément, empiler des couches (1-3) de lamelles (1a-c; 2a-b; 3a) avec interposition de colle (12, 14) et prolonger chaque couche par de nouvelles lamelles; puis à durcir la colle et à couper, à la demande, la poutre et lamellé-collé résultant.

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B27M 3/00

IPC 8 full level

B27M 3/00 (2006.01)

CPC (source: EP)

B27M 3/006 (2013.01)

Citation (search report)

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CN110434952A; WO8900909A1

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