

Title (en)

Method and apparatus for manufacturing laminated wooden articles.

Title (de)

Verfahren und Vorrichtung zur Fertigung von Lamellenholz.

Title (fr)

Procédé et machine de fabrication de pièces de bois en lamellé-colé.

Publication

EP 0184478 A1 19860611 (FR)

Application

EP 85402130 A 19851105

Priority

FR 8416798 A 19841105

Abstract (en)

1. Process for manufacturing laminated wood pieces, from elongated elementary laminae (10) having a rectangular cross-section, each completed wood piece (14) including several continuous and juxtaposed layers (12) formed by laminae, at least some of laminae of at least two layers forming scarf joints, said process being of the type which includes : - juxtaposing laminae (10) of different layers (12) so that joints of laminae of adjacent layers are shifted in the longitudinal direction of layers, and - bonding adjacent layers (12), - said process being cyclical, each cycle including : - applying to the whole layers constituting said wood piece (14) a braking load acting in the longitudinal direction of layers and sufficient for substantially stopping feeding of said wood piece (14), - in at least two layers and upstream of braking position, separately applying an individual feeding load to a lamina (10) of the layer, each feeding load acting in the longitudinal direction of said layer (12) but with a direction opposite to that of braking load, - upstream of braking position, applying main pressing loads in the stacking direction (B) of layers (12), - upstream of the braking position, applying complementary pressing loads in a direction (C) transverse both to layer length (12) and to main pressing load direction in or near a same transverse plane as said main loads and, finally, - loosening said braking action and feeding said wood piece (14).

Abstract (fr)

L'invention concerne la fabrication de pièces de bois en lamellé-collé. Les pièces non seulement avancent par application séparée de forces aux lamelles individuelles mais encore subissent des forces transversales de pressage dans deux directions sensiblement orthogonales. En outre, tous les dispositifs d'avance des lamelles sont alignés transversalement à la direction d'avance et leurs espacements sont réglables.

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CPC (source: EP)

B27M 3/006 (2013.01)

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