

Title (en)

Apparatus for inserting connecting elements into lateral and/or front sides of technical wood products

Title (de)

Vorrichtung zum Einsetzen von Verbindungselementen in die Stirn- und/oder Längsseiten technischer Holzprodukte

Title (fr)

Dispositif d'insertion d'éléments de liaison dans les faces frontales et/ou latérales de produits techniques en bois

Publication

**EP 1674223 A1 20060628 (DE)**

Application

**EP 05090343 A 20051219**

Priority

DE 102004062648 A 20041221

Abstract (en)

u The device comprises a store (5) for connection elements (4), a transfer arrangement (7) for transferring the connection element from the store to a pressing assembly (8, 13, 14). There may be an arrangement of counter-layers opposite the pressing assembly and one or more magazines (6) for receiving and intermediate layering from the store of connection elements to the transfer arrangement. The arrangement for the magazine may be on the longitudinal side of a transport system (1, 2) for the technical wooden product (3) above or below the transport plane of the wooden product. The store may be made up of a discharge, sorting, aligning and conveying system for pre-fabricated connection element to the transfer arrangement.

IPC 8 full level

**B27M 3/04** (2006.01); **B27M 3/00** (2006.01)

CPC (source: EP US)

**B27M 3/0066** (2013.01 - EP US); **B27M 3/04** (2013.01 - EP US); **E04F 15/02038** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0523** (2013.01 - EP US); **Y10T 29/49945** (2015.01 - EP US); **Y10T 29/5142** (2015.01 - EP US); **Y10T 29/53078** (2015.01 - EP US)

Citation (applicant)

- CH 24980 A 19030315 - SCHAUMBURG FRANZ [CH]
- DE 10034409 A1 20020124 - KRONOTEC AG [CH]

Citation (search report)

- [X] DE 142293 C 19030704 - WÄCHTER-LEUZINGER, A. [CH]
- [XP] EP 1582653 A1 20051005 - KRONOTEC AG [CH]
- [AD] CH 24980 A 19030315 - SCHAUMBURG FRANZ [CH]
- [AD] DE 10034409 A1 20020124 - KRONOTEC AG [CH]

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