

Title (en)

AUTOMATED DEVICE FOR MAINTAINING WOODEN ELEMENTS ON A PRESSING TABLE FOR ASSEMBLING THEM

Title (de)

AUTOMATISCHE VORRICHTUNG ZUM HALTEN VON HOLZELEMENTEN AUF EINEM PRESSENTISCH ZU DEREN MONTAGE

Title (fr)

DISPOSITIF AUTOMATISE DE MAINTIEN D'ELEMENTS EN BOIS SUR UNE TABLE DE PRESSAGE EN VUE DE LEUR ASSEMBLAGE

Publication

**EP 0942814 A1 19990922 (FR)**

Application

**EP 97950221 A 19971204**

Priority

- FR 9702202 W 19971204
- FR 9615119 A 19961204

Abstract (en)

[origin: US6219904B1] Automated device for maintaining and assembling wooden elements on a pressing table. The device comprises a mobile gantry adapted to be movably mounted to a pressing table. The mobile gantry has at least one motor driven pressing jack and a rail. A motor driven motoring unit is slidably mounted to the rail. A plurality of spindles are arranged on the rail. A plurality of saw logs are mounted to the spindles, each saw log having a ring-shaped groove, an elastic element, and a bore for receiving a spindle. The plurality of spindles constitute a magazine for storing the plurality of saw logs. The motoring unit includes a vertically mobile rod comprising one of a single rod and a double rod. The vertically mobile rod comprises a lower end having a clamp adapted to remove a saw log from a spindle. The clamp comprises a U-shaped plate having an opening which is adapted to engage the ring-shaped groove of a saw log, the clamp comprising an elastic element adapted to engage the saw log. A computer system is also included for operating the mobile gantry, the motoring unit, and the jack.

IPC 1-7

**B27F 7/15**

IPC 8 full level

**B27F 7/15** (2006.01)

CPC (source: EP US)

**B27F 7/155** (2013.01 - EP US); **Y10T 29/49625** (2015.01 - EP US); **Y10T 29/53004** (2015.01 - EP US); **Y10T 29/5343** (2015.01 - EP US); **Y10T 29/53478** (2015.01 - EP US)

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