

Title (en)

Device for feeding workpieces in an automatic woodworking machine tool

Title (de)

Vorrichtung zur Führung der Werkstücke bei einer automatischen Holzbearbeitungsmaschine

Title (fr)

Dispositif d'alimentation des pièces à usiner dans une machine automatique pour le travail du bois

Publication

EP 0607914 B1 19960918 (DE)

Application

EP 94100620 A 19940118

Priority

DE 4301218 A 19930119

Abstract (en)

[origin: EP0607914A1] In the case of a device for feeding workpieces in an automatic woodworking machine, in particular a trimming installation, a clamping arrangement is provided on each clamping carriage. The clamping arrangement consists of two clamping devices which act perpendicularly to a bearing plane or to a stop plane perpendicular thereto. To simplify the putting-down and taking-off of the workpieces, the one clamping device has a clamping support (30) which is arranged sunk in the bearing plane, extends parallel to the bearing plane and is guided to be movable perpendicular to it, whereas the other clamping device comprises a stop (11) which is fixed to the clamping support (30) and a clamping member (12) which is guided longitudinally movably on the clamping support, both of which project beyond the bearing plane, the workpiece which is clamped between the stop (11) and the clamping member (12) being drawn onto the bearing plane by the sinking-in movement of the clamping support (30). Preferably, the clamping member (12) is guided horizontally by means of an endless chain (39) and can be tilted outwards at the free end of the clamping support by deflection of the chain (39). By suitable cooperation of the clamping devices, it is possible to arrange the latter on an arm (7) which is mounted on the clamping carriage to be pivotable about a shaft (8) pointing in the direction of travel.

IPC 1-7

B27C 9/00; **B27H 1/00**

IPC 8 full level

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CPC (source: EP)

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