

Title (en)

Multipurpose clamping tool for processing workpieces, in particular wooden ones.

Title (de)

Mehrzweck-Spanngerät zur Bearbeitung von Werkstücken, insbesondere von solchen aus Holz.

Title (fr)

Outil de serrage à usage multiple pour le travail de pièces, en particulier de bois.

Publication

**EP 0121134 A2 19841010 (DE)**

Application

**EP 84102400 A 19840306**

Priority

CH 127483 A 19830309

Abstract (en)

[origin: US4576529A] A multipurpose clamping device for a modular tool comprise first and second clamping jaw members each of which has a front face with an aligned modular tool clamping receiving opening. The jaw members include base portions with side rails extending therethrough at spaced lateral locations providing means facilitating the movement of the jaw members toward and away from each other without canting. The clamping device is associated with each opening to clamp the tool in position. The clamping device may be used as a vise by inserting a vise clamping jaw into each opening of each member and in such instance the spindle is advantageously threaded to each member to permit members to move upon driving of a threaded spindle member. The device may also be used for example as a support for a hand drill which may have its forwarded end inserted in the opening and clamped therein so as to line a tool receiving chuck therein which may be rotated and align it with a tailstock center carried by the other jaw member.

Abstract (de)

Das Mehrzweckspanngerät weist zwei gegeneinander verschiebbare Spannbacken (1) mit im oberen Teil angeordneten Klemmöffnungen (2) auf. Diese Klemmöffnungen dienen zur Aufnahme modularer Werkzeuge wie bsw. eine Handbohrmaschine (12) als Drehantrieb im einen Spannbacken (1) und eine Reitstockspitze (11) als Gegenhalt im andern Spannbacken (1'). Die modularen Werkzeuge, die bspw. auch Schraubstockbacken sein koennen, werden in die Spannbacken mittels eines Klemmsitzes befestigt. Die Spannbacken (1,1') laufen moeglichstverwindungsfrei ueber zwei Schlittenschienen (9), der Kraftschluss wird mittels einer Spindel bewirkt, die ueber einen Handgriff zu und aufgedreht werden kann.

IPC 1-7

**B25H 1/00**; **B25B 5/02**

IPC 8 full level

**B25B 1/02** (2006.01); **B25B 1/24** (2006.01); **B25B 5/02** (2006.01); **B25H 1/00** (2006.01); **B25H 1/10** (2006.01)

CPC (source: EP US)

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Cited by

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AT BE CH DE FR GB IT LI LU NL SE

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