

Title (en)

DEVICE FOR CLAMPING A WORKPIECE IN A FIXTURE, A WORKTABLE OR THE LIKE

Title (de)

VORRICHTUNG ZUM SPANNEN EINES WERKSTÜCKS IN EINER SPANNVORRICHTUNG, EINEM WERKTISCH ODER DGL.

Title (fr)

DISPOSITIF PERMETTANT DE SERRER UNE PIECE DANS UN DISPOSITIF DE FIXATION, UN ETABLI OU UN DISPOSITIF SIMILAIRE

Publication

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Application

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Priority

- SE 9001510 A 19900426
- SE 9100199 W 19910318

Abstract (en)

[origin: WO9116171A1] A device for clamping a workpiece (2) in a fixture or a worktable (1) comprises one or more clamping elements (4) associated with the fixture, and a disengaging tool (21) common to several such clamping elements and including at least one piston and cylinder mechanism (23, 23') actuable by a pressure medium. Each clamping element (4) comprises a slide (6) which is movable back and forth relative to a frame (5) and which is provided with a clamping member (7) that can be applied against the workpiece (2). The slide (6) is acted on by a mechanical spring (13) tending to urge the clamping member against the workpiece. A driver (9) and means (15, 16) are associated with the slide for constantly maintaining a certain minimum space between the driver and the housing. The disengaging tool (21) can be inserted in said space in order, upon actuation of the piston and cylinder mechanism of the tool, to deactivate the spring (13) and move the clamping member (7) away from the workpiece to release this from the fixture (1).

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IPC 8 full level

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