

Title (en)

IMPROVEMENT FOR CLAMPING DEVICE COMPRISING A LEVER ACTUATED BY A PISTON

Title (de)

VERBESSERUNG FÜR EINE SPANNVORRICHTUNG MIT EINEM DURCH EINEN KOLBEN ANGETRIEBENEN HEBEL

Title (fr)

PERFECTIONNEMENT POUR DISPOSITIF DE SERRAGE DU TYPE COMPRENANT UN LEVIER ACTIONNE PAR UN PISTON

Publication

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Application

EP 98951545 A 19981023

Priority

- FR 9802276 W 19981023
- FR 9713596 A 19971024

Abstract (en)

[origin: FR2770167A1] The clamp has a lever (2) which pivots about an axis relative to the body of the clamp to actuate the piston (6) of a power cylinder having a lengthwise axis (Z-Z'). The clamp incorporates a shock absorber. Clamp has a lever (2) which pivots about an axis relative to the body of the clamp to actuate the piston (6) of a power cylinder having a lengthwise axis (Z-Z') as it moves between rest and clamping positions. The lever is connected to the end (8) of the piston rod via a control and coupling mechanism (MC), and the clamp incorporates a shock absorber (MA) to damp any shocks in the mobile components of the mechanism (MC) when the piston rod returns to its rest position. The rod also carries an intermediate connector (21) or stop, designed to interact with a thrust surface on the body of the clamp when the piston is in its rest position. Used for holding structural work pieces during machining or welding, e.g. during motor vehicle assembly.

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