

Title (en)
Clamping device

Title (de)
Spannelement

Title (fr)
Dispositif de serrage

Publication
EP 0761390 A1 19970312 (DE)

Application
EP 96113296 A 19960820

Priority
DE 19531890 A 19950830

Abstract (en)
The tensioner is for a workpiece (25) on a table, or other flat support, using a piston (4) which is guided in a housing, and which moves a connecting rod (7) which is linked to a tensioning lever (11). The latter has a rotary mounting, and is guided in a ball joint in a piston rod (5). The housing forms a fork head which faces the workpiece, and has two fork prongs between which the lever is mounted, using a pin (13) which is guided in the forks. The stroke action is achieved by the connecting rod, which forms a connection between the piston rod and the lever, via two spherical heads (9a,9b) which are guided in caps (8,10).

Abstract (de)
Die Erfindung bezieht sich auf ein Flachspannelement zum Spannen von Werkstücken auf Vorrichtungen, Tischen oder Paletten mittels eines in einem Gehäuse geführten Kolbens, an dem eine Pleuelstange angelenkt ist, die mit einem drehbar gelagerten Spannhebel verbunden ist. Das Gehäuse bildet einen dem Werkstück zugewandten Gabelkopf mit zwei Gabeln, zwischen denen der Spannhebel gelagert ist. Der Hubantrieb erfolgt über eine Pleuelstange, die eine Verbindung zwischen der Pleuelstange und dem Spannhebel über zwei gelenkig in Kalotten geführten Kugelköpfen herstellt. <IMAGE>

IPC 1-7
B25B 5/06; B25B 5/12

IPC 8 full level
B25B 5/06 (2006.01); **B25B 5/12** (2006.01)

CPC (source: EP)
B25B 5/061 (2013.01); **B25B 5/064** (2013.01); **B25B 5/122** (2013.01)

Citation (search report)
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