

Title (en)

Toggle lever clamp

Title (de)

Kniehebelspannvorrichtung

Title (fr)

Dispositif de serrage à genouillère

Publication

**EP 0695603 B1 19971029 (DE)**

Application

**EP 95112131 A 19950802**

Priority

DE 9412722 U 19940806

Abstract (en)

[origin: EP0695603A1] The driving element e.g. a pneumatic cylinder has actuating rods (2), one end (4') of which engages with rollers (3) in guidance slots (5) of a head piece (6) and is jointed via an intermediate element to a tensioning lever (8). To prevent hardening of the head piece, two shells (10) open towards the outer edges (9) are attached releasably into which the rollers protrude with tangential contact on the wear-resistant tracks (12) on the interior surfaces of the shells. The latter have a triple function of roller guidance, bearing pin security and (if required) limit-of-movement sensor mounting.

IPC 1-7

**B25B 5/12**; **B25B 5/16**

IPC 8 full level

**B25B 5/12** (2006.01); **B25B 5/16** (2006.01)

CPC (source: EP)

**B25B 5/122** (2013.01); **B25B 5/16** (2013.01)

Cited by

EP0803331A1; CN105313040A; FR2780324A1; EP0967050A3; US6189877B1; US10710205B2

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**DE 9412722 U1 19940929**; DE 59500902 D1 19971204; EP 0695603 A1 19960207; EP 0695603 B1 19971029; ES 2109041 T3 19980101

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