

Title (en)  
Clamping tool

Title (de)  
Spannwerkzeug

Title (fr)  
Outil de serrage

Publication  
**EP 0857545 A3 20021023 (DE)**

Application  
**EP 97122518 A 19971219**

Priority  
DE 29702140 U 19970208

Abstract (en)  
[origin: EP0857545A2] The foot for a clamping device may be used on a workpiece with an uneven surface. There is a ball (3) on the end of the screw spindle (8) which fits into a matching spherical socket with a conical or funnel-shaped entry and an O-ring in the neck whose inner diameter is slightly smaller than the outer diameter of the ball. The socket is formed in a bridge or compensating lever (15) which can tilt. The lever has bores or cutouts (16) which accommodate further balls which fit into tiltable feet (4) which engage the workpiece.

IPC 1-7  
**B25B 5/16**; **B25B 5/10**

IPC 8 full level  
**B25B 5/10** (2006.01); **B25B 5/16** (2006.01); **F16B 2/16** (2006.01); **B23Q 3/06** (2006.01)

CPC (source: EP)  
**B25B 5/10** (2013.01); **B25B 5/163** (2013.01)

Citation (search report)  
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• [Y] DE 3108258 A1 19820916 - HALDER ERWIN FA [DE]  
• [A] US 2894548 A 19590714 - RUDOLPH PECK, et al  
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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0857545 A2 19980812**; **EP 0857545 A3 20021023**; CZ 31698 A3 19990811; DE 29702140 U1 19970403; HU 9800256 D0 19980428; HU P9800256 A2 19980828; HU P9800256 A3 20030228; JP H112214 A 19990106; NO 980524 D0 19980206; NO 980524 L 19980810; PL 324614 A1 19980817; SK 15398 A3 19980909

DOCDB simple family (application)  
**EP 97122518 A 19971219**; CZ 31698 A 19980203; DE 29702140 U 19970208; HU P9800256 A 19980206; JP 2426598 A 19980205; NO 980524 A 19980206; PL 32461498 A 19980203; SK 15398 A 19980205