

Title (en)

Clamping element for positionflexible clamping a workpiece

Title (de)

Spannelement zum positionsflexiblen Spannen von Werkstücken

Title (fr)

Element de serrage destiné au serrage d'une piece avec positionnement souple

Publication

**EP 1277541 B1 20031112 (DE)**

Application

**EP 02102026 A 20020711**

Priority

DE 10135280 A 20010719

Abstract (en)

[origin: EP1277541A1] The clamping element has a clamping insert (2) which is inserted in a casing (1). The insert has a sliding piston (3) inside it. The clamping insert has dogs (20) and a clamping lever (11) pivoted via a connecting rod (8) to the piston. As the piston moves up, it presses the clamping lever onto the workpiece (25) and the clamping insert is lifted higher so that the dogs come under the workpiece, clamping it.

IPC 1-7

**B23Q 3/08**; **B25B 5/06**; **B25B 5/12**; **B25B 5/16**

IPC 8 full level

**B23Q 3/08** (2006.01); **B25B 5/00** (2006.01); **B25B 5/06** (2006.01); **B25B 5/12** (2006.01); **B25B 5/16** (2006.01)

CPC (source: EP US)

**B25B 5/006** (2013.01 - EP US); **B25B 5/061** (2013.01 - EP US); **B25B 5/064** (2013.01 - EP US); **B25B 5/122** (2013.01 - EP US); **B25B 5/16** (2013.01 - EP US)

Cited by

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**EP 1277541 A1 20030122**; **EP 1277541 B1 20031112**; **EP 1277541 B8 20041110**; AT E254008 T1 20031115; DE 10135280 A1 20030206; DE 50200104 D1 20031218; US 2003015832 A1 20030123; US 6719281 B2 20040413

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