

Title (en)
Clamping element with positional flexibility for the clamping of workpieces

Title (de)
Spannelement zum positionsflexiblen Spannen von Werkstücken

Title (fr)
Élément pour serrer des pièces à travailler avec position de serrage flexible

Publication
EP 1277547 B1 20041103 (DE)

Application
EP 02102023 A 20020711

Priority
DE 10135281 A 20010719

Abstract (en)
[origin: EP1277547A1] The clamping element has a casing with two parallel recesses in it. One is a cylindrical boring (2) to receive two opposed drive elements in the form of hydraulic pistons (4). there are two pushrods (e.g. 7) in the other. There is a movable connection between the drive elements and the pushrods. This connection becomes rigid and self-locking under the influence of force

IPC 1-7
B25B 1/10; **B25B 1/18**

IPC 8 full level
B25B 1/10 (2006.01); **B25B 1/18** (2006.01); **B25B 5/06** (2006.01); **B25B 5/10** (2006.01)

CPC (source: EP)
B25B 1/103 (2013.01); **B25B 1/18** (2013.01); **B25B 5/061** (2013.01); **B25B 5/10** (2013.01)

Cited by
EP3680066A4; EP1990135A1; CN114102368A; CN110238460A; US11279010B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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