

Title (en)

Clamping device for clamping workpieces

Title (de)

Spannvorrichtung zum Spannen von Werkstücken

Title (fr)

Dispositif de serrage pour la fixation de pièces de travail

Publication

**EP 1046468 B1 20030924 (DE)**

Application

**EP 00107619 A 20000408**

Priority

DE 19918770 A 19990424

Abstract (en)

[origin: EP1046468A2] The clamping arrangement for workpieces has a hydraulically operated clamping force holder element with clamping bolt (2) and its holder piston (5) at right angles to each other. The holding force is produced by elements with wedge-shaped surfaces. The holder piston has a wedge-shaped groove in the bottom of which is a lengthwise hole. A gap between the wedge shaped groove and hole produces a guide track. One end of the clamping bolt has two wedge-shaped surfaces (14) at acute angles with each other and which end in a lug whose external diameter matches the internal diameter of the hole.

IPC 1-7

**B25B 5/06**; **B25B 5/08**

IPC 8 full level

**B25B 5/06** (2006.01); **B25B 5/08** (2006.01)

CPC (source: EP US)

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Cited by

DE102008049753A1; DE102008049753B4; CN105834781A; CN105563188A; CN113857894A; CN103394944A; CN111940836A; WO2021018532A1

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