

Title (en)

Tensioning wedge device for fastening tools to tool machines

Title (de)

Spannkeilvorrichtung zur Befestigung von Werkzeugen an Werkzeugmaschinen

Title (fr)

Dispositif de coin de serrage pour la fixation d'outils sur des machines-outils

Publication

EP 2604361 B1 20151028 (DE)

Application

EP 11193563 A 20111214

Priority

EP 11193563 A 20111214

Abstract (en)

[origin: EP2604361A1] The device (34) has a clamping screw shank (62) including a cylindrically-arranged shank portion (74) that extends through a bore portion (70) of a through-bores (52, 54). A conical-tapered shaft section (76) adjoins at the cylindrical shank portion of the clamping screw shank. The clamping screw shank is provided in the through-bores, and includes a minimum distance from a conical bore portion (72) of the through-bores. The minimum distance is equal to a predetermined spring travel of a plate spring packet (66) plus 0.3 times and 0.8 times the spring travel.

IPC 8 full level

B21J 13/03 (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP)

B21J 13/03 (2013.01); **B30B 15/026** (2013.01)

Cited by

CN111113994A; CN113547143A

Designated contracting state (EPC)

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