

Title (en)

Clamping unit for a clamping modular system carrying work-pieces of a complexe geometry and method of adjusting a base length

Title (de)

Spanneinheit für ein Spann-Baukastensystem, das Werkstücke mit komplizierter Geometrie haltert, sowie Verfahren zur Justierung einer Basislänge

Title (fr)

Unité de serrage pour un système modulaire de serrage supportant des pièces à géométrie complexe et procédé pour l'ajustage d'une longueur de base.

Publication

**EP 0804996 B1 20021030 (DE)**

Application

**EP 97106629 A 19970422**

Priority

DE 19617195 A 19960429

Abstract (en)

[origin: DE19716874A1] The clamp part (S) has base (1) and top (8) components each with a U-shaped bearing slot (1c,8e) to hold and guide corresponding faces (6c,6d) of a central piece (6). The locating shafts (5a) of bolts (5) screw into threaded holes in the central piece and baseplate (G) through oversized holes (3,3',9,9',2,2') in the base and top parts. The bolts have locking washers (4). The overall length (x) of the clamp part is varied by the user of the holder to suit the held part (W) by a height adjuster (7) attached to the horizontal leg of the lower part acting on the lower end of the central piece.

IPC 1-7

**B23Q 3/10**

IPC 8 full level

**B23Q 3/10** (2006.01); **B25B 5/00** (2006.01)

CPC (source: EP)

**B25B 5/006** (2013.01)

Cited by

DE19831513A1; DE102004046592A1; DE102017103323A1; CN103769891A; CN103753268A; CN103753267A; CN104416381A; US8011647B2; WO02064318A1; WO2006032348A1; EP0909607B2

Designated contracting state (EPC)

BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**DE 19716874 A1 19971106**; **DE 19716874 C2 20001207**; DE 59708597 D1 20021205; EP 0804996 A1 19971105; EP 0804996 B1 20021030; ES 2185830 T3 20030501

DOCDB simple family (application)

**DE 19716874 A 19970422**; DE 59708597 T 19970422; EP 97106629 A 19970422; ES 97106629 T 19970422