

Title (en)

Construction kit for a component holding device

Title (de)

Elementsystem zum Aufbauen von Haltevorrichtungen für Bauteile

Title (fr)

Système d'éléments pour la construction de dispositif de support de composants

Publication

EP 0972610 A3 20020424 (DE)

Application

EP 99112681 A 19990702

Priority

DE 19831513 A 19980714

Abstract (en)

[origin: EP0972610A2] The holding device consists of a base (1), a number of holding arms (2), a swivel head (3), a carrying unit (4) and a fixing device. All elements are interconnected with beveled wheels (5), which are provided with cross-shaped elevations (8) at their back fitting into matching slots (9) at the ends of the holding arms (2). An inclination angle of 35 degrees and a division of 3 degrees have proved to be a perfect choice. After assembly and adjustment the parts are joined with central bolts (6).

IPC 1-7

B23Q 3/10; **B25B 11/02**

IPC 8 full level

B23Q 3/10 (2006.01); **B25B 11/02** (2006.01)

CPC (source: EP)

B25B 11/02 (2013.01)

Citation (search report)

- [X] DE 29603081 U1 19960411 - WITTE HORST ENTWICKLUNG [DE]
- [A] EP 0730320 A2 19960904 - WHITAKER CORP [US]
- [A] US 3205522 A 19650914 - THEN KARL P

Cited by

CN105690300A; CN103213085A; US10113940B2; US10113939B2

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EP 0972610 A2 20000119; **EP 0972610 A3 20020424**; **EP 0972610 B1 20040929**; AT E277717 T1 20041015; DE 19831513 A1 20000120; DE 59910629 D1 20041104; ES 2226241 T3 20050316

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