

Title (en)

Connection piece for releasable connection in a tool

Title (de)

Kupplungsstück für lösbare Verbindung an Werkzeugen

Title (fr)

Moyens de raccordement pour connection débrayable dans un outil

Publication

EP 0884137 A3 20010509 (DE)

Application

EP 98109971 A 19980602

Priority

IT BZ970032 A 19970611

Abstract (en)

[origin: EP0884137A2] The locking pin (2) slides across the axis of the square insert (2c) and is operated by displacing (3c) a pin (3) axially mounted in the square insert. The locking pin moves out (2c) by means of progressive insertion (3c) of the conical end (3a) of the pin into the matching conical seating (2b) in the locking pin whose axis is orthogonal to the seating's axis. The movable pin is axially displaced by a spring (6) or by a mechanism with helical guides (9a). The rotary movement (11a) of the handle (11) is converted into a straight axial movement.

IPC 1-7

B25B 23/00; **B25B 13/46**

IPC 8 full level

B25B 13/46 (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP)

B25B 13/461 (2013.01); **B25B 23/0035** (2013.01)

Citation (search report)

- [A] US 3762245 A 19731002 - SMYERS W, et al
- [A] US 4794828 A 19890103 - OLSON GENE E [US]
- [A] DE 8909646 U1 19901206
- [A] US 3180435 A 19650427 - MCHENRY KENNETH A
- [A] US 2954994 A 19601004 - BEERS ROBERT T

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EP3002083A1; DE10036224C1; DE102022113887B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0884137 A2 19981216; **EP 0884137 A3 20010509**; **EP 0884137 B1 20030903**; AT E248685 T1 20030915; DE 59809453 D1 20031009; IT 1292554 B1 19990208; IT BZ970032 A0 19970611; IT BZ970032 A1 19981211

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