

Title (en)
Tool holder

Title (de)
Werkzeugaufnahme

Title (fr)
Porte-outil

Publication
EP 1657013 B1 20101020 (DE)

Application
EP 05110009 A 20051026

Priority
DE 102004054685 A 20041112

Abstract (en)
[origin: EP1657013A1] The fitting has a hollow cylindrical shaped retainer socket (3) with rotation synchronization bars (4a, 4b) comprising contact surfaces. A radial displaceable locking body is provided over a cut of the hollow cylindrical shaped retainer socket. Lateral ends of the rotation synchronization bars are provided at a specific distance from the lateral ends of the cut, where the distance is 1.5 times larger than diameter (D) of the socket.

IPC 8 full level
B23D 31/00 (2006.01); **B23B 31/00** (2006.01); **B25D 17/08** (2006.01)

CPC (source: EP US)
B25D 17/088 (2013.01 - EP US); **B25D 2217/0042** (2013.01 - EP US); **Y10T 279/17042** (2015.01 - EP US); **Y10T 279/17068** (2015.01 - EP US); **Y10T 279/17102** (2015.01 - EP US)

Citation (examination)
US 4107949 A 19780822 - WANNER KARL, et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1657013 A1 20060517; EP 1657013 B1 20101020; AT E485119 T1 20101115; AU 2005227367 A1 20060601; CN 1772424 A 20060517; CN 1772424 B 20120502; DE 102004054685 A1 20060518; DE 502005010407 D1 20101202; JP 2006136999 A 20060601; TW 200621405 A 20060701; US 2006103082 A1 20060518; US 8066290 B2 20111129; ZA 200509149 B 20060830

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