

Title (en)
CENTERING AND CLAMPING PILOT TOOL

Title (de)
STIFTFÖRMIGES WERKZEUG ZUM ZENTRIEREN UND SPANNEN

Title (fr)
OUTIL PILOTE DE CENTRAGE ET DE SERRAGE

Publication
EP 1465754 A1 20041013 (FR)

Application
EP 02790549 A 20021107

Priority
• FR 0203807 W 20021107
• FR 0114893 A 20011116

Abstract (en)
[origin: WO03041913A1] The invention concerns a centering and clamping pilot tool comprising a hollow sliding centering part or pilot (4), a slide (1) mounted coaxially mobile inside the recess (3) of the pilot (4), said slide (1) being integral with the rod of an actuator and being connected to at least a clamping hook (16) mounted pivotable about a pin (15) integral with the pilot (4) under the action of the displacement of the slide (1), the slide bearing a pin (14) parallel to the pivot pin (15) of the clamping hook (16), anchored between two flanges of the slide (1) and with which co-operates a groove (17) arranged in the clamping hook (16) mounted pivotable between said flanges (11).

IPC 1-7
B25B 5/08

IPC 8 full level
B25B 5/08 (2006.01)

CPC (source: EP US)
B25B 5/087 (2013.01 - EP US)

Citation (search report)
See references of WO 03041913A1

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

DOCDB simple family (publication)
WO 03041913 A1 20030522; BR 0214106 A 20041013; CA 2466628 A1 20030522; CN 1592669 A 20050309; EP 1465754 A1 20041013; FR 2832341 A1 20030523; FR 2832341 B1 20040319; JP 2006502011 A 20060119; US 2005051939 A1 20050310

DOCDB simple family (application)
FR 0203807 W 20021107; BR 0214106 A 20021107; CA 2466628 A 20021107; CN 02822697 A 20021107; EP 02790549 A 20021107; FR 0114893 A 20011116; JP 2003543783 A 20021107; US 49578404 A 20041104