

Title (en)
CENTRING AND CLAMPING CONTROL TOOL

Title (de)
STIFTFOERMIGES WERKZEUG ZUM ZENTRIEREN UND SPANNEN

Title (fr)
OUTIL PILOTE DE CENTRAGE ET DE SERRAGE

Publication
EP 1274538 B1 20060614 (FR)

Application
EP 01923777 A 20010410

Priority
• FR 0101089 W 20010410
• FR 0004729 A 20000412

Abstract (en)
[origin: WO0178942A1] The invention concerns a tool (1) for centring and clamping at least a part (P) to be fixed in position and comprising a through passage (19) adjusted for said tool, comprising, preferably, a control member (7) borne at the end of a housing (2) having an upper surface forming a support for said part (P) and clamping members (8), further including means for driving (5, 14, 15) the clamping members (8) between a centring position wherein the clamping members (8) are retracted inside the control member (7) and a plurality of clamping positions wherein the clamping members (8) project outside the control member (7) and is supported on the part (P), the clamping members consisting of two levers (8) articulated about a median axis (8c) to form a deformable X-shape, each lever (8) having a first free end (8a) urged to be supported on the part to be fixed (P), their second end (8b) being linked to the driving means (5, 14, 15). The invention is characterised in that said tool has a structure capable of adapting to parts having different thickness. The invention is applicable to centring and clamping tools.

IPC 8 full level
B23Q 3/18 (2006.01); **B25B 5/12** (2006.01)

CPC (source: EP)
B25B 5/122 (2013.01)

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

DOCDB simple family (publication)
WO 0178942 A1 20011025; AR 028000 A1 20030423; AT E329725 T1 20060715; AU 5046801 A 20011030; DE 60120673 D1 20060727; EP 1274538 A1 20030115; EP 1274538 B1 20060614; FR 2807685 A1 20011019; FR 2807685 B1 20020802

DOCDB simple family (application)
FR 0101089 W 20010410; AR P010101691 A 20010410; AT 01923777 T 20010410; AU 5046801 A 20010410; DE 60120673 T 20010410; EP 01923777 A 20010410; FR 0004729 A 20000412