

Title (en)
Centering clamping device

Title (de)
Zentrumsspannvorrichtung

Title (fr)
Dispositif de serrage et centrage

Publication
EP 1375068 A3 20081008 (DE)

Application
EP 03405338 A 20030515

Priority
CH 9162002 A 20020531

Abstract (en)
[origin: EP1375068A2] Centered clamping device for clamping workpieces on an NC machine tool has two clamping jaws (4) that are mounted on a threaded spindle (5) so that they move in opposing directions. The spindle is housed in a base plate (2). Two symmetrically positioned clamping levers pass through the workpiece mounting plate and are mounted in it using two bolts around which they pivot. Each lever connects at one end to the clamping jaw and at the other end to a spindle nut and pin around which the end rotates.

IPC 8 full level
B25B 1/10 (2006.01); **B25B 1/12** (2006.01)

CPC (source: EP)
B25B 1/103 (2013.01); **B25B 1/125** (2013.01)

Citation (search report)
• [A] FR 2398579 A1 19790223 - CUILLERY LUCIEN [FR]
• [A] US 4475607 A 19841009 - HANEY KEITH M [US]

Cited by
CN111843868A; CN112139545A; CN113878378A; EP2842691A1; CH708548A1; EP2143526A1

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

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1375068 A2 20040102; EP 1375068 A3 20081008; EP 1375068 B1 20100804; AT E476277 T1 20100815; DE 50312940 D1 20100916

DOCDB simple family (application)
EP 03405338 A 20030515; AT 03405338 T 20030515; DE 50312940 T 20030515