

Title (en)
TOOL WITH ADJUSTABLE HINGED HANDLES

Title (de)
WERKZEUG MIT EINSTELLBAREN, UNGELENKTEN ARMEN

Title (fr)
OUTIL A BRANCHES ARTICULEES REGLABLES

Publication
EP 0840666 B1 20020220 (FR)

Application
EP 96926442 A 19960722

Priority
• FR 9601152 W 19960722
• FR 9509357 A 19950727

Abstract (en)
[origin: FR2737147A1] A tool (1a) with adjustable hinged handles, particularly adjustable pliers, consisting of a first, central handle (3a) pivotably mounted between two walls (4) of a second, supporting handle (2a) by a hinge means. The hinge means consists of a spherical member (6) translatably movable relative to one of the two handles and rotatably movable relative to the other handle. The outer surface of said member includes a helical screw thread (15) engaging at least one rack (13a) on one of the handles (3a). The tool may be used as adjustable pliers, particularly gripping pliers.

IPC 1-7
B25B 7/10

IPC 8 full level
B25B 7/10 (2006.01)

CPC (source: EP)
B25B 7/10 (2013.01)

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

DOCDB simple family (publication)
FR 2737147 A1 19970131; FR 2737147 B1 19971017; AT E213447 T1 20020315; AU 6662796 A 19970226; DE 69619380 D1 20020328; DE 69619380 T2 20021114; EP 0840666 A1 19980513; EP 0840666 B1 20020220; ES 2172672 T3 20021001; WO 9704922 A1 19970213

DOCDB simple family (application)
FR 9509357 A 19950727; AT 96926442 T 19960722; AU 6662796 A 19960722; DE 69619380 T 19960722; EP 96926442 A 19960722; ES 96926442 T 19960722; FR 9601152 W 19960722