

Title (en)
Plier like combination tool

Title (de)
Zangenartiges Kombinationswerkzeug

Title (fr)
Outil combiné du type pince

Publication
EP 1149666 A3 20030402 (DE)

Application
EP 01810278 A 20010320

Priority
CH 8432000 A 20000428

Abstract (en)
[origin: EP1149666A2] The pliers type combination tool has two legs (2,3) pivotable relatively to each other around an articulation axis (6). As extensions to the axis are two mandrels (15,16), one at each end, for calibrating and bevelling pipe ends. The mandrels are formed for processing different pipe diameters. The two mandrels are connected to each other, thus forming the articulated axis. The connection between them is an axially extending screw (19). At least one of them has peripheral bevelling cutters (26,27) formed by radial recesses (25), each recess forming a front and a rear cutter. Viewed in an axial direction, in front of the bevelling cutters is an all-round swarf groove (22).

IPC 1-7
B25B 7/22; **B25B 7/06**

IPC 8 full level
B25B 7/02 (2006.01); **B25B 7/06** (2006.01); **B25B 7/08** (2006.01)

CPC (source: EP)
B25B 7/02 (2013.01); **B25B 7/06** (2013.01); **B25B 7/08** (2013.01)

Citation (search report)
• [DA] DE 19649992 A1 19980528 - RENNSTEIG WERKZEUGE GMBH [DE]
• [A] EP 0279145 A1 19880824 - HILTI AG [LI]

Cited by
EP1433577A1; WO2008037189A1

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)
EP 1149666 A2 20011031; **EP 1149666 A3 20030402**; **EP 1149666 B1 20080702**; AT E399620 T1 20080715; DE 20104034 U1 20010510; DE 50114064 D1 20080814

DOCDB simple family (application)
EP 01810278 A 20010320; AT 01810278 T 20010320; DE 20104034 U 20010308; DE 50114064 T 20010320