

Title (en)
PLIERS

Title (de)
ZANGE

Title (fr)
PINCE

Publication
EP 2008772 B1 20130320 (FR)

Application
EP 06743426 A 20060407

Priority
ES 2006000166 W 20060407

Abstract (en)
[origin: WO2007116104A1] Pliers, with two arms that are joined together via an articulation pin (2). One (20) of the arms has a protuberance (P) with a lateral channel (6) that extends via one of the orifices (02), a pusher (5) being located in the channel and having an inner channel (51) that accommodates a spring (4) that acts between the pusher (5) and the arm (20). The articulation pin (2) is joined by means of screwing to the pusher (5) in the region of the lateral channel, a toothed claw (1) being arranged coaxially therebetween with mechanical continuity. The pusher (5) is continued as an extension (52) located on the walls of the other orifice (02) in the work position. Applicable to hand tools.

IPC 8 full level
B25B 7/10 (2006.01)

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

Citation (examination)
US 6941663 B2 20050913 - STILL THOMAS E [DE]

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

DOCDB simple family (publication)
EP 2008772 A1 20081231; EP 2008772 A4 20100526; EP 2008772 B1 20130320; CN 101374636 A 20090225; ES 2405356 T3 20130530;
JP 2009532219 A 20090910; PT 2008772 E 20130617; US 2008264217 A1 20081030; US 7748300 B2 20100706; WO 2007116104 A1 20071018

DOCDB simple family (application)
EP 06743426 A 20060407; CN 200680033927 A 20060407; ES 06743426 T 20060407; ES 2006000166 W 20060407;
JP 2009503601 A 20060407; PT 06743426 T 20060407; US 6653106 A 20060407