

Title (en)
PLIERS

Title (de)
ZANGE

Title (fr)
PINCE

Publication
EP 2176033 A1 20100421 (DE)

Application
EP 08774028 A 20080718

Priority
• EP 2008005927 W 20080718
• DE 102007037382 A 20070808

Abstract (en)
[origin: WO2009018917A1] The invention relates to a pair of pliers having two grip elements (3, 5) connected to one another by a joint (7) such that said grip elements are pivotable about a pivot axis, said pliers comprising two functional ends (9, 11) associated with the grip elements (3, 5), each comprising a cutting edge (13, 15), thus forming a cutting section (17), the grip elements (3, 5) being connected to the functional ends (9, 11) thereof via a joint plate (23, 25) and the joint plates (23, 25) each being located in a plane in which the pivot axis of the joint (7) is perpendicular. Said pair of pliers is characterized in that the contact plane (27) of the joint plates (23, 25) is located outside the middle of the joint (7) as measured in the direction of the pivot axis of the joint (7).

IPC 8 full level
B25B 7/08 (2006.01); **B25B 7/22** (2006.01)

CPC (source: EP)
B25B 7/08 (2013.01); **B25B 7/22** (2013.01)

Citation (search report)
See references of WO 2009018917A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007037382 A1 20090212; DE 102007037382 B4 20150806; CN 101790437 A 20100728; EP 2176033 A1 20100421; TW 200924914 A 20090616; WO 2009018917 A1 20090212

DOCDB simple family (application)
DE 102007037382 A 20070808; CN 200880101021 A 20080718; EP 08774028 A 20080718; EP 2008005927 W 20080718; TW 97128817 A 20080730