

Title (en)
Jointing clamp

Title (de)
Presszange

Title (fr)
Pince de pression

Publication
EP 3012923 B1 20171129 (DE)

Application
EP 14189548 A 20141020

Priority
EP 14189548 A 20141020

Abstract (en)
[origin: US2016111841A1] The invention relates to crimping pliers (1). The crimping pliers comprise a spring element (7) which is located in the force flow between hand levers (3, 5) and dies (12). The spring element (7) builds a force-displacement-compensation element (8) which provides the option to be able to crimp workpieces with different cross-sectional areas with the crimping pliers (1). According to the invention, the spring element (7) which builds the force-displacement-compensation element (8) is built in the region of the pliers head (4) of the crimping pliers (1). Preferably, the spring element (7) is a spring in the shape of an arc of a circle or a spiral spring (44) which extends in circumferential direction around the die axis (13).

IPC 8 full level
B21J 7/16 (2006.01); **H01R 43/042** (2006.01)

CPC (source: CN EP US)
B21J 7/16 (2013.01 - US); **B25B 27/10** (2013.01 - CN); **H01R 43/042** (2013.01 - CN US); **H01R 43/0424** (2013.01 - US);
H01R 43/0425 (2013.01 - EP US)

Cited by
EP3396796A1; US10958030B2; EP3834989A1; US12015233B2; EP3904006A1; US11967795B2; EP3904007A1; US11631957B2;
EP4243222A1; EP3820001A1; EP4007087A1; US11346732B2

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

DOCDB simple family (publication)
EP 3012923 A1 20160427; EP 3012923 B1 20171129; CN 105522535 A 20160427; CN 105522535 B 20181123; JP 2016078234 A 20160516;
JP 6609455 B2 20191120; TW 201628794 A 20160816; TW I667107 B 20190801; US 2016111841 A1 20160421; US 9634451 B2 20170425

DOCDB simple family (application)
EP 14189548 A 20141020; CN 201510684896 A 20151020; JP 2015206104 A 20151020; TW 104134186 A 20151019;
US 201514887549 A 20151020