

Title (en)

MANUAL FORCEPS TOOL

Title (de)

MANUELLES ZANGENWERKZEUG

Title (fr)

OUTIL À PINCE MANUEL

Publication

EP 3572188 B1 20201007 (DE)

Application

EP 18173803 A 20180523

Priority

EP 18173803 A 20180523

Abstract (en)

[origin: US2019363502A1] The invention relates to a manually operated pliers tool , which may especially be crimping pliers. According to the invention, the pliers tool is equipped with an electronics construction unit. The electronics construction unit is realized separately from a mechanical pliers part and arranged in a pliers head part of the mechanical pliers part, which is arranged between hand levers and pliers jaws. The electronics construction unit is attached to this pliers head part. The electronics construction unit extends at least on two opposite sides of the pliers head part, sandwiching the pliers head part, and comprises a connector, where the connector extends through or around the pliers head part between the two opposite sides of the pliers head part.

IPC 8 full level

B25B 27/10 (2006.01); **B25B 27/14** (2006.01); **H01R 43/042** (2006.01); **H01R 43/048** (2006.01)

CPC (source: CN EP US)

B25B 7/12 (2013.01 - US); **B25B 7/22** (2013.01 - CN); **B25B 27/10** (2013.01 - EP); **B25B 27/146** (2013.01 - EP); **H01R 43/042** (2013.01 - CN US); **H01R 43/0486** (2013.01 - US); **H01R 43/042** (2013.01 - EP)

Cited by

EP4243222A1; US11381049B2; USD906074S; USD1020418S; US11346732B2; EP3834989A1; US12015233B2; EP3614507A1; EP3656504A1; EP3820001A1; EP4007087A1

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 3572188 A1 20191127; **EP 3572188 B1 20201007**; CN 110524445 A 20191203; CN 110524445 B 20220823; JP 1632209 S 20190527; JP 2019206073 A 20191205; JP 7394540 B2 20231208; TW 202000374 A 20200101; TW I793324 B 20230221; US 11605928 B2 20230314; US 2019363502 A1 20191128

DOCDB simple family (application)

EP 18173803 A 20180523; CN 201910432888 A 20190523; JP 2018025539 F 20181122; JP 2019091429 A 20190514; TW 108117479 A 20190521; US 201916417721 A 20190521