

Title (en)
SELF-ADJUSTING CRIMPING TOOL

Title (de)
SELBSTEINSTELLENDES CRIMPWERKZEUG

Title (fr)
OUTIL DE SERTISSAGE À RÉGLAGE AUTOMATIQUE

Publication
EP 2930797 B1 20190508 (DE)

Application
EP 15159586 A 20150318

Priority
DE 202014101650 U 20140408

Abstract (en)
[origin: US2015288124A1] A self-adjusting pliers-type crimping tool includes a crimping arrangement having movable and fixed levers that are pivotally displaced from an open condition toward a fully closed condition, thereby to generate a first crimping force for crimping an electrical contact upon a bare conductor. When the levers are at an intermediate position, a predetermined compensating energy from a caged spring assembly is released and is applied to the crimping arrangement to complete the crimping process. The spring assembly may comprise a stack of spring washers, a helical spring arrangement, or a stack of resilient elastomeric blocks.

IPC 8 full level
H01R 43/042 (2006.01); **H01R 43/048** (2006.01)

CPC (source: EP US)
H01R 43/042 (2013.01 - US); **H01R 43/0424** (2013.01 - EP US); **H01R 43/0488** (2013.01 - EP US); **Y10T 29/53226** (2015.01 - EP)

Cited by
CN105490126A

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)
DE 202014101650 U1 20150709; DK 2930797 T3 20190805; EP 2930797 A1 20151014; EP 2930797 B1 20190508; ES 2740927 T3 20200207; HR P20191259 T1 20191004; HU E044494 T2 20191028; PL 2930797 T3 20190930; TR 201911033 T4 20190821; US 2015288124 A1 20151008; US 9853409 B2 20171226

DOCDB simple family (application)
DE 202014101650 U 20140408; DK 15159586 T 20150318; EP 15159586 A 20150318; ES 15159586 T 20150318; HR P20191259 T 20190712; HU E15159586 A 20150318; PL 15159586 T 20150318; TR 201911033 T 20150318; US 201514677252 A 20150402