Title (en)

TERMINAL BLOCK FASTENING DEVICE

Title (de)

REIHENKLEMMEN BEFESTIGUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE FIXATION DE BLOC DE BORNIER

Publication

EP 3462546 A1 20190403 (EN)

Application

EP 17194278 A 20171002

Priority

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Abstract (en)

A terminal block fastening device (100) includes a body (110) and a locking handle (200). The body (110) includes a socket (124) for insertion of a printed circuit board (10) and two through holes (128) perpendicular to the socket (124). The locking handle (200) is installed in the body (110). The locking handle (200) has a force arm (230), a fastening portion (202) connected to one end of the force arm (230), a pivot point (220) connected to the other end of the force arm (230), and a resilient arm (210) disposed between the fastening portion (202) and the force arm (230). The fastening portion (202) is operatively associated with the resilient arm (210) to move between a locked state (L) and a released state (R), so that the anti-pull-out effect on the printed circuit board (10) is improved.

IPC 8 full level

H01R 12/70 (2011.01); **H01R 12/87** (2011.01); **H01R 13/627** (2006.01); **H01R 13/629** (2006.01); H01R 13/514 (2006.01)

CPC (source: EP)

H01R 12/7023 (2013.01); **H01R 12/87** (2013.01); **H01R 13/6272** (2013.01); **H01R 13/6278** (2013.01); **H01R 13/62988** (2013.01); H01R 13/514 (2013.01)

Citation (search report)

- [IA] US 2013040483 A1 20130214 - NGO HUNG VIET [US], et al
- [IA] WO 2017039543 A1 20170309 - AMPHENOL FCI ASIA PTE LTD [SG], et al
- [IA] KR 20140011942 A 20140129 - IRISO ELECTRONICS CO LTD [JP]

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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