

Title (en)
TERMINAL BASE HAVING FASTENING STRUCTURE

Title (de)
KLEMMENSOCKEL MIT BEFESTIGUNGSSTRUKTUR

Title (fr)
COSSE PRÉSENTANT UNE STRUCTURE DE FIXATION

Publication
EP 3382807 A1 20181003 (EN)

Application
EP 18167585 A 20151021

Priority
• EP 18167585 A 20151021
• EP 15190805 A 20151021

Abstract (en)
A terminal base (100) having a fastening structure includes a body (110), a conductive terminal (200), a metal elastic element (300), and a press block (170). The body (110) includes an accommodating space (120), a wiring hole (130), a receiving hole (140), and a hook element (150) disposed adjacent to the receiving hole (140). The wiring hole (130) and the receiving hole (140) communicate with the accommodating space (120). The hook element (150) is elastically connected to the body (110). The metal elastic element (300) includes a contact end (310) and a movable end (320), the contact end (310) is in contact with the conductive terminal (200), and the movable end (320) is elastically disposed inside the accommodating space (120). The press block (170) is movably disposed in the receiving hole (140), the press block (170) presses the movable end (320) to be engaged with the hook element (150).

IPC 8 full level
H01R 4/48 (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)
H01R 4/4821 (2023.08); **H01R 4/4833** (2023.08); **H01R 4/4835** (2023.08); **H01R 4/484** (2023.08); **H01R 13/639** (2013.01)

Citation (applicant)
• DE 202012104408 U1 20140210 - WEIDMUELLER INTERFACE [DE]
• US 8113858 B1 20120214 - CHIANG CHIH-HSIEN [TW]
• DE 102008062137 A1 20100624 - WAGO VERWALTUNGS GMBH [DE]
• DE 202015003298 U1 20150603 - DINKLE ENTPR CO [TW]
• CN 203026650 U 20130626 - SHENZHEN SHENLAN JINGJI CO LTD

Citation (search report)
• [IY] US 2011207361 A1 20110825 - HECKERT MICHAEL [DE], et al
• [YD] US 8113858 B1 20120214 - CHIANG CHIH-HSIEN [TW]
• [A] US 5685735 A 19971111 - HOHORST WOLFGANG [DE]
• [A] US 6146217 A 20001114 - OSADA YUTAKA [JP]

Designated contracting state (EPC)
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