

Title (en)

Terminal block for electrical apparatus , especially for plugs

Title (de)

Anschlussleiste für elektrische Geräte, insbesondere für Stecker

Title (fr)

Plaque à bornes pour des appareils notamment pour des fiches

Publication

EP 1816707 A3 20080709 (DE)

Application

EP 06126352 A 20061218

Priority

- DE 202006012799 U 20060819
- DE 202006001710 U 20060203

Abstract (en)

[origin: US2007190844A1] A connector arrangement includes a housing containing at least one open-topped chamber in which is mounted a stationary upwardly-directed knife device, and a rectangular carrier member arranged for downward insertion within the chamber, thereby to displace an insulated wire supported by the carrier member toward a position in which the knife device pierces the insulation layer and is brought into electrical engagement with the conductor contained therein. The carrier member includes a top surface containing a slot for receiving the tip of an operating tool that displaces the carrier member downwardly in the chamber, and a side wall containing at least one lug and slot arrangement by means of which the carrier member may be upwardly displaced upon lever-like operation of the tool in cooperation with a side wall of the chamber. Preferably, the housing includes a plurality of the chambers arranged in one or more rows.

IPC 8 full level

H01R 9/24 (2006.01)

CPC (source: EP US)

H01R 4/242 (2013.01 - EP US); **H01R 9/2416** (2013.01 - EP US)

Citation (search report)

- [DY] DE 202004013363 U1 20050908 - WEIDMUELLER INTERFACE [DE]
- [YA] DE 3034570 A1 19820506 - WAGO KONTAKTTECHNIK GMBH [DE]
- [A] EP 1542317 A1 20050615 - SIEMENS AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2007190844 A1 20070816; **US 7347718 B2 20080325**; AT E450905 T1 20091215; DE 202006012799 U1 20070614; DE 502006005505 D1 20100114; EP 1816707 A2 20070808; EP 1816707 A3 20080709; EP 1816707 B1 20091202

DOCDB simple family (application)

US 65790407 A 20070125; AT 06126352 T 20061218; DE 202006012799 U 20060819; DE 502006005505 T 20061218; EP 06126352 A 20061218