

Title (en)
Transverse connector for terminal blocks

Title (de)
Querverbinder für Reihenklemmen

Title (fr)
Connecteur transversal pour blocs de jonction

Publication
EP 1347535 A3 20050803 (DE)

Application
EP 03003998 A 20030224

Priority
DE 10212511 A 20020321

Abstract (en)
[origin: EP1347535A2] The device has a rail strip with comb tooth plugs, each with 2 contact legs sprung to produce contact forces and whose free, mutually relatively movable end sections form contact zones for latching and contacting with openings in current rails in adjacent blocks. The contact forces are directed transversely to the rail strip and the contact legs have sprung sections on which they can be mutually relatively supported to increase the contact forces. The device has a rail strip with at least two comb tooth plugs, each with two contact legs (4a) that are sprung to produce contact forces and whose free, mutually relatively movable end sections (16a) form contact zones (19a) for latching and contacting with openings in current rails in adjacent terminal blocks. The contact forces are directed transversely relative to the rail strip and the contact legs have sprung sections (12a) on which they can be supported relative to each other to increase the contact forces.

IPC 1-7
H01R 9/26; **H01R 31/08**

IPC 8 full level
H01R 31/08 (2006.01); **H01R 9/26** (2006.01)

CPC (source: EP)
H01R 31/08 (2013.01); **H01R 9/2675** (2013.01)

Citation (search report)
• [XY] DE 19906246 C1 20000706 - CONRAD GERD [DE], et al
• [XY] EP 0797269 A2 19970924 - CONRAD GERD [DE], et al
• [XY] US 4582377 A 19860415 - WILMES MANFRED [DE]
• [XY] EP 0678934 A1 19951025 - WIELAND ELEKTRISCHE INDUSTRIE [DE]
• [YD] DE 4411306 C1 19950511 - PHOENIX CONTACT GMBH & CO [DE]
• [YA] DE 4400469 A1 19950720 - WEIDMUELLER INTERFACE [DE]

Cited by
EP1530270A1; EP2204886A1; FR2940860A1; EP3413400A1; DE202016100323U1; EP3196981A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1347535 A2 20030924; **EP 1347535 A3 20050803**; DE 10212511 A1 20031016; DE 10212511 B4 20060119

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