

Title (en)
Electrical connection terminal-block

Title (de)
Elektrische Anschlussklemmleiste

Title (fr)
Bloc de connexion électrique

Publication
EP 0704942 A3 19970326 (DE)

Application
EP 95115104 A 19950926

Priority
DE 9415801 U 19941001

Abstract (en)
[origin: EP0704942A2] The electrical terminal strip is for use on a circuit board and has a number of rows of pins (9) that project from the base and these locate in holes in the board and are soldered. For each row the pins are formed on a single strip of metal. At the top of the strip the metal is formed in contact regions bent through 90 degrees (13) and these locate in screw clamping terminals (11). Holes in the insulating material housing are formed with a tapered section (4) to guide connecting wires (24) into position. The separate connector strips are sized such that insertion points are arranged at different levels.

IPC 1-7
H01R 31/08

IPC 8 full level
H01R 9/24 (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP US)
H01R 9/2483 (2013.01 - EP US); **H01R 12/515** (2013.01 - EP)

Citation (search report)

- [A] DE 2833313 B1 19790927 - WEIDMUELLER KG C
- [A] DE 8712296 U1 19880225
- [AD] EP 0584506 A1 19940302 - WIELAND ELEKTRISCHE INDUSTRIE [DE]
- [A] DE 4001025 C1 19910508
- [A] DE 4303717 A1 19940811 - PHOENIX CONTACT GMBH & CO [DE]

Cited by
US7927156B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 9415801 U1 19941215; DE 59505695 D1 19990527; EP 0704942 A2 19960403; EP 0704942 A3 19970326; EP 0704942 B1 19990421; US 5662499 A 19970902

DOCDB simple family (application)
DE 9415801 U 19941001; DE 59505695 T 19950926; EP 95115104 A 19950926; US 53625295 A 19950929