

Title (en)  
ELECTRICAL CONNECTOR BLOCKS

Publication  
**EP 0159107 B1 19880629 (EN)**

Application  
**EP 85300461 A 19850123**

Priority  
US 59093184 A 19840319

Abstract (en)  
[origin: EP0159107A1] An electrical connector block (10) for a flat ribbon cable having a plurality of conductors (14 to 17) lying side-by-side in an insulating ribbon (22) comprises a base (32) having a plurality of terminals (42 to 46) extending therethrough and lying in a plurality of rows. Each terminal (42 to 46) has an upper connection end and a lower insulation-piercing end. At least one terminal (42 to 46) is aligned with each conductor (14 to 17) in the ribbon (22) so that, when the base (32) is pressed against the ribbon, the terminals contact the conductors of the ribbon. Components can be connected between terminals (42 to 46) of each row and held on the base (32) for interconnecting conductors (14 to 17) in the ribbon (22) or connecting the conductors to ground. A top cover (30) includes a recess for covering the components and is engaged over the base (32) while a button cover (38) is engaged under the base and includes a plurality of slots (50) for accommodating any displacement of the ribbon (22) after it has been pierced by the insulation-piercing ends of the terminals (42 to 46).

IPC 1-7  
**H01R 23/66**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 4/62** (2006.01); **H01R 4/64** (2006.01); **H01R 9/22** (2006.01); **H01R 9/24** (2006.01); **H01R 11/20** (2006.01); **H01R 12/67** (2011.01)

CPC (source: EP KR)  
**H01R 4/24** (2013.01 - KR); **H01R 12/675** (2013.01 - EP); **H01R 4/24** (2013.01 - EP)

Cited by  
EP0470924A1; EP0336994A1; EP0360957A3; CN112751218A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0159107 A1 19851023**; **EP 0159107 B1 19880629**; AU 3976585 A 19850926; AU 572271 B2 19880505; BR 8500555 A 19851203; CA 1231761 A 19880119; DE 3563581 D1 19880804; ES 539561 A0 19851116; ES 8601576 A1 19851116; HK 2789 A 19890120; IN 162198 B 19880416; JP H026192 B2 19900207; JP S60211784 A 19851024; KR 850006794 A 19851016; KR 890005362 B1 19891223; MX 158600 A 19890216; SG 58488 G 19890127

DOCDB simple family (application)  
**EP 85300461 A 19850123**; AU 3976585 A 19850312; BR 8500555 A 19850207; CA 472052 A 19850114; DE 3563581 T 19850123; ES 539561 A 19850115; HK 2789 A 19890112; IN 2CA1985 A 19850101; JP 5258485 A 19850318; KR 840008540 A 19841229; MX 20448585 A 19850301; SG 58488 A 19880908