

Title (en)
Double row electrical connector.

Title (de)
Doppelreihiger elektrischer Verbinder.

Title (fr)
Connecteur électrique à double rangée de connexions.

Publication
EP 0211496 A1 19870225 (EN)

Application
EP 86304786 A 19860620

Priority
• US 75478485 A 19850712
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Abstract (en)
An electrical connector (200,300) comprises a forward housing member (10,212) having rows of passageways (24,222) in which are disposed signal and ground terminals (22,214,216) terminated to signal (152,260) and ground (154,262) conductors of signal transmission cables or ribbon cable (150,218) with the terminals being secured to a dielectric contact-carrying means (42,238) and then overmolded after termination by dielectric cover means (30,220). The cover means seals the terminations and provides nondeforming cable strain relief. In one embodiment each row of terminals (22) is first secured on one side (46) of a separate contact-carrying member (42) with a ground plane (62) secured to the other side (58), and signal conductors (152) are terminated to respective signal terminals (22) and ground conductors (154) are terminated to the ground plane (62) which is electrically connected to selected ground ones of terminals (22) after which the subassembly (40) thus formed is overmolded with the dielectric cover (30). Two such overmolded assemblies (12) are securable together and secured to the housing member (10) with contact sections (20) of the terminals (22) secured in the housing passageways (24).

IPC 1-7
H01R 23/66

IPC 8 full level
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CPC (source: EP)
H01R 12/596 (2013.01); **H01R 12/775** (2013.01)

Citation (search report)
• [X] EP 0147080 A2 19850703 - AMP INC [US]
• [X] EP 0023936 A1 19810218 - AMP INC
• [A] EP 0018160 A1 19801029 - AMP INC [US]
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