

Title (en)
DOUBLE ROW ELECTRICAL CONNECTOR

Publication
EP 0211496 B1 19930113 (EN)

Application
EP 86304786 A 19860620

Priority
• US 75478485 A 19850712
• US 75478585 A 19850712

Abstract (en)
[origin: EP0211496A1] 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
H01R 24/00 (2006.01); **H01R 12/59** (2011.01); **H01R 12/70** (2011.01); **H01R 12/77** (2011.01); **H01R 13/502** (2006.01)

CPC (source: EP)
H01R 12/596 (2013.01); **H01R 12/775** (2013.01)

Cited by
CN112292790A; EP0348067A1; US4875877A; US5775924A; EP0637104A3; EP0565329A3; US6857899B2; US6394839B2; WO9003051A1; WO0128042A1; US6428344B1; US6823587B2

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0211496 A1 19870225; EP 0211496 B1 19930113; DE 3687491 D1 19930225; DE 3687491 T2 19930805; JP 2579149 B2 19970205; JP S6224582 A 19870202

DOCDB simple family (application)
EP 86304786 A 19860620; DE 3687491 T 19860620; JP 16348486 A 19860711