Title (en)

ACTIVE CONNECTOR

Publication

EP 0149907 A3 19850821 (EN)

Application

EP 84308742 A 19841214

Priority

US 56745984 A 19840103

Abstract (en)

[origin: EP0149907A2] An electrical connector having logic circuitry therein is taught. Briefly stated, a lower assembly (126) is profiled to receive a carrier strip (124) with an intermediate assembly (112) disposed on top of the carrier strip. A logic package (100) is placed in a window (118) in the intermediate assembly with the logic package having conductive pads (102) thereon which make electrical contact with portions (143) of the carrier strip. A polarized ribbon cable (104) is then placed into a channel (114) in the intermediate assembly with a top assembly (90) having grooves (98) therein which are profiled to accept the polarized ribbon cable being placed on top thereof. The components are then fixedly mated together through the use of latches (92) and tabs (128) contained on the top and lower assembly. Insulation displacing contacts (130, 132) which are part of the carrier strip and bent up therefrom protrude through the intermediate assembly with the result that electrical contact is made with the individual conductors and the ribbon cable.

IPC 1-7

H01R 13/66; H01R 9/07

IPC 8 full level

H01R 29/00 (2006.01)

CPC (source: EP)

H01R 12/62 (2013.01); **H01R 12/675** (2013.01); **H01R 29/00** (2013.01); H01R 12/59 (2013.01)

Citation (search report)

- [Y] US 3434093 A 19690318 - WEDEKIND ALBERT D
- [YD] US 4206962 A 19800610 - DOUTY GEORGE H [US], et al

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EP1133024A3; EP1178571A3; EP3304650A4; EP0573714A3; US5568348A; US5455734A; US5692917A; US5590058A; US10312609B2; WO8807227A1; WO2004021747A3; WO8602496A1; EP1323589B1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 84308742 A 19841214; AU 3655584 A 19841212; BR 8406759 A 19841228; ES 539321 A 19850102; JP 28208384 A 19841228