

Title (en)  
Active connector.

Title (de)  
Aktiver Steckverbinder.

Title (fr)  
Connecteur actif.

Publication  
**EP 0149907 A2 19850731 (EN)**

Application  
**EP 84308742 A 19841214**

Priority  
US 56745984 A 19840103

Abstract (en)  
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)

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

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