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(11) Publication number:

0 149 907**A3**

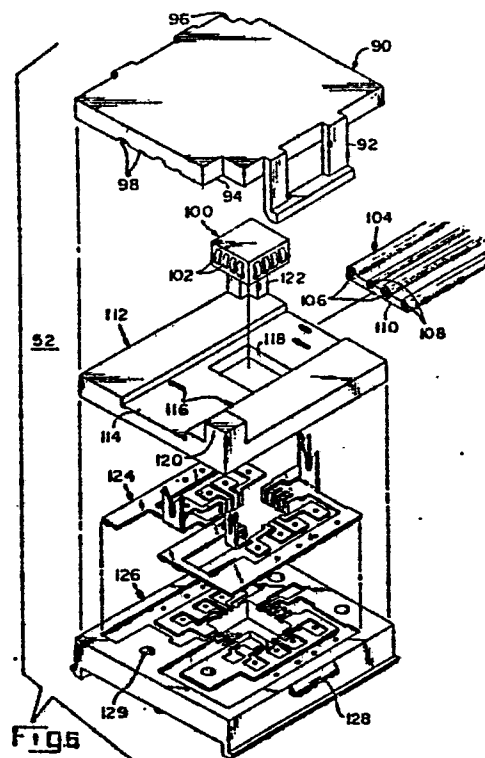
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EUROPEAN PATENT APPLICATION(21) Application number: **84308742.0**(51) Int. Cl.⁴: **H 01 R 13/66**
H 01 R 9/07(22) Date of filing: **14.12.84**(30) Priority: **03.01.84 US 567459**(43) Date of publication of application:
31.07.85 Bulletin 85/31(88) Date of deferred publication of search report: **21.08.85**(84) Designated Contracting States:
DE FR GB IT NL SE(71) Applicant: **AMP INCORPORATED**
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Harrisburg Pennsylvania 17105(US)(72) Inventor: **Dowling, Edward Camp**
Deceased(US)(74) Representative: **Gray, Robin Oliver et al,**
BARON & WARREN 18 South End Kensington
London W8 5BU(GB)(54) **Active connector.**

(57) 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.

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EUROPEAN SEARCH REPORT

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Application number

EP 84 30 8742

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US-A-3 434 093 (A.D. WEDEKIND) * Column 2, lines 15-17, 21-36; figure 1 *	1	H 01 R 13/66 H 01 R 9/07
A		5	
Y, D	US-A-4 206 962 (J.I. SHUE) * Column 1, lines 6-11, 24-42; column 2, lines 53-56; column 3, lines 45-59; column 4, lines 14-25, 32-36; figures 2, 4 *	1	
A		6, 7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 R G 06 F 13/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-04-1985	Examiner CRIQUI J.J.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	