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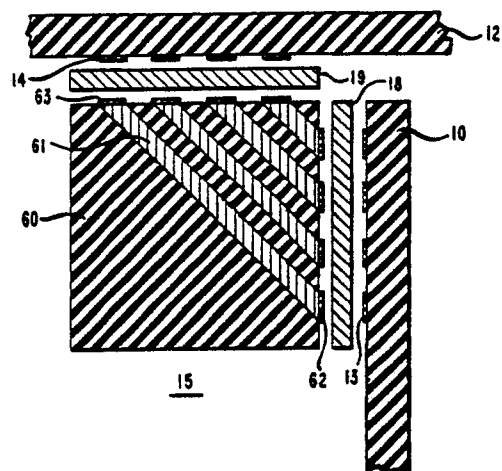
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EUROPEAN PATENT APPLICATION

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08.08.90 Bulletin 90/32(71) Applicant: **AMERICAN TELEPHONE AND
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AT&T (UK) LTD. AT&T Intellectual Property
Division 5 Mornington Road
Woodford Green Essex, IG8 OTU(GB)(54) **High density connectors.**

(57) Disclosed are electrical connectors (15) for high density, large area interfaces such as in circuit pack (11) to backplane (12) interconnections. The connectors utilize some means, such as a multilayer structure (40) or flexible circuit (33), to provide electrical connection and 90 degree translation from the circuit pack surface, and a conductive elastomer (18, 19) to provide the connection from such means to the circuit pack and/or backplane surface.

FIG. 6



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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,D	ELECTRO 84, PROFESSIONAL PROGRAM SESSION, RECORD #3, May 1984, LOS ANGELES US pages 1 - 11; A.T. MURPHY: "HIGH DENSITY IMPEDANCE CONTROLLED CONNECTORS" * page 4, right-hand column - page 5, right-hand column; figures 9, 12-14 *	1, 11	H01R23/68
A		2-6, 9, 10, 12, 13, 16-19	
Y	IBM TECHNICAL DISCLOSURE BULLETIN. vol. 20, no. 8, January 1978, NEW YORK US page 2934 L.W. HOLMSTROM: "ELECTRICAL FIXTURE FOR PRINTED-CIRCUIT ASSEMBLIES" * the whole document *	1, 11	
A		7, 8, 14, 15, 20	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	EP-A-254598 (DIGITAL EQUIPEMENT CORPORATION) * page 11, line 1 - page 12, line 3; figure 5 *	1, 3, 11, 17	H01R
A	EP-A-70136 (HONEYWELL INFORMATION SYSTEMS INC.) * page 3, lines 1 - 12; figures 4-6 *	1, 4-6, 11, 18, 19	
A	DE-A-3530827 (D. MACHUI) * the whole document *	1-20	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07 JUNE 1990	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			