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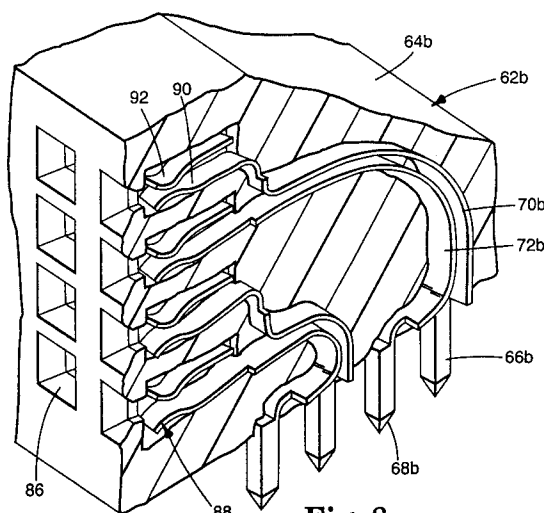
(71) Applicant: **MINNESOTA MINING AND  
MANUFACTURING COMPANY**  
**3M Center,**  
**P.O. Box 33427**  
**St. Paul,**  
**Minnesota 55133-3427 (US)**

(72) Inventor: **Heinrich, Dirk, 3M Laboratories  
(Europe) GmbH**  
**Electro-Telec. Lab.,**  
**Georg-Wilhelm-Strasse 183**  
**D-21107 Hamburg (DE)**

(74) Representative: **Dipl.-Ing. H. Hauck, Dipl.-Ing.  
E. Graafs, Dipl.-Ing. W. Wehnert, Dr.-Ing. W.  
Döring**  
**Postfach 30 24 30**  
**D-20308 Hamburg (DE)**

(54) **Connector element for a high frequency transmission path.**

(57) A connector element for a high frequency transmission path which includes at least a pair of spaced conductor portions defining a signal and ground conductors. The conductor portions are retained by a dielectric retaining body. A part of the conductor portions has opposite surface portions having a space varying from that of the adjacent parts of the conductor portions to change the capacitance and thus the impedance of the connector element portion in the retaining body.

**Fig. 8****EP 0 596 313 A3**



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## EUROPEAN SEARCH REPORT

Application Number  
EP 93 11 6836

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.5)
X	US-A-4 914 062 (VOLTZ) * column 2, line 21 - line 41; figures 1,3 *	1-4	H01R13/66 H01R23/68
A	US-A-4 806 111 (NISHI ET AL.) * column 4, line 67 - column 5, line 19; figure 4 *	1	
A	DE-A-28 00 745 (BUNKER RAMO CORP.,) ---	1	
A	US-A-4 975 069 (FEDDER ET AL.) ---		
A	US-A-4 917 616 (DEMLER, JR. ET AL.) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.5) H01R
Place of search THE HAGUE		Date of completion of the search 4 September 1995	Examiner Horak, A
<b>CATEGORY OF CITED DOCUMENTS</b> 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			