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(54) Wire-to-board electrical connector

(57) An electrical connector assembly (2) is shown including a receptacle housing (4) and a wire gripping assembly (6) is comprised of identical halves (40) which sandwich between them a multi-conductor cable (12). The cable gripping members (40) have latching detents (48) which correspond with apertures (36) in a preloaded condition, but with apertures (38) in a fully loaded condition, whereby when in the fully loaded condition, the free ends of the individual conductors (10) project through apertures in the end face (22) of the receptacle member to be aligned with through holes in the printed circuit boards (8).

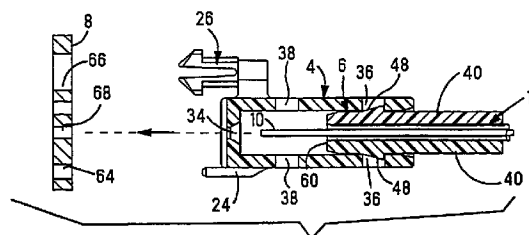


Fig. 11

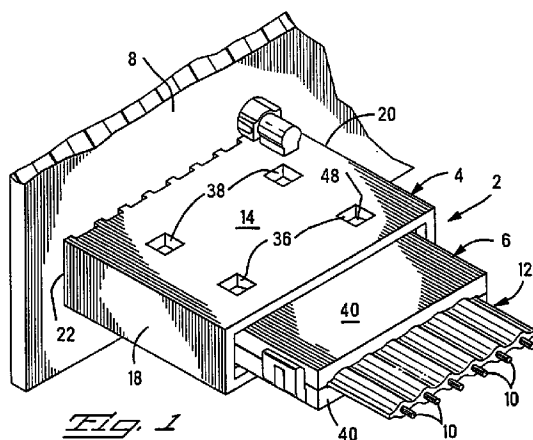


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 94 10 9668

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)
A	US-A-4 139 727 (KUBALLA SIEGFRIED) 13 February 1979 ---		H01R23/66 H01R9/24
A	GB-A-2 249 882 (FRUME EDWARD FRANCES) 20 May 1992 ---		
A	EP-A-0 476 355 (THOMAS & BETTS CORP) 25 March 1992 ---		
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 190 (E-0918), 18 April 1990 & JP-A-02 037679 (HANAI DENSEN KK), 7 February 1990, * abstract * -----		
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 29 May 1996	Examiner Horak, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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