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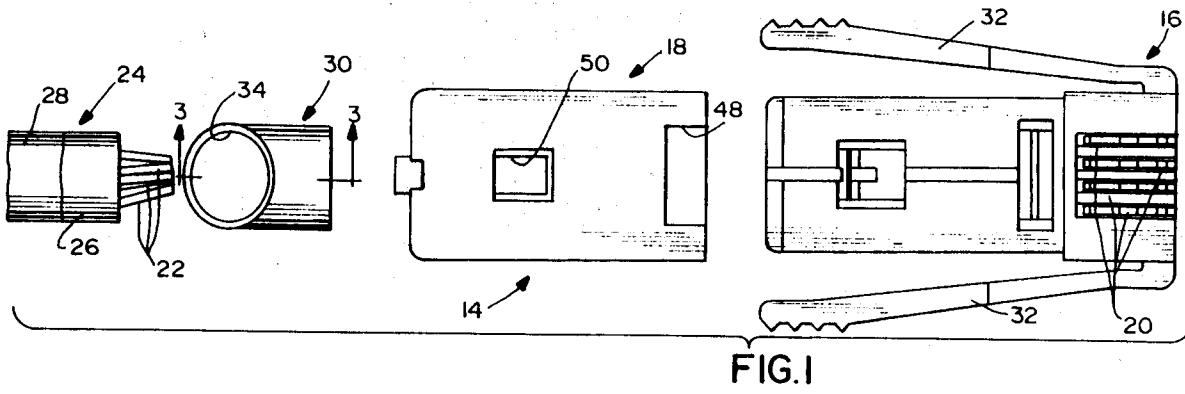
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W- 6200 Wiesbaden 1 (DE)(54) **Round-to-flat shielded connector assembly.**

(57) A system is provided for producing a shielded connector assembly (14) for connecting a round multiconductor cable (24) to a complementary connector (16) having a flat array of terminals. The cable includes a plurality of insulated conductors (22) within a cable shield (26) and surrounded by an outer insulating jacket (28) which is stripped to expose the cable shield and the insulated conductors. An insulating housing (16) has a receptacle (52) for receiving the insulated conductors (22) in a flat array. A plurality of terminals (20) are provided for termination to the received conductors (22) and for mating with the terminals of the complementary connector. A conductive connector shield (18) is mounted on and about a portion of the insulating

housing (16), with a portion of the shield extending into the receptacle (52). A round conductive crimp ferrule (30) is positioned over the round multiconductor cable (24) in engagement with the exposed cable shield (26) and with the exposed insulated conductors (22) projecting from an end of the crimp ferrule. The exposed insulated conductors are sorted and positioned in a flat array. The round conductive crimp ferrule (30) is crimped into a generally flat configuration onto the cable (24) for holding the conductors (22) in their flat array within the receptacle (52) of the housing (16) for termination to the terminals (30), and with the crimped ferrule in engagement with the shield portion (18) in the receptacle.

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EUROPEAN SEARCH REPORT

Application Number

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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.5)
D,A	US-A-4 713 023 (BIXLER) * column 7, line 1 - column 10, line 38; figures 1-13 *	1-8	H01R13/658
A	US-A-4 398 780 (NOVOTNY) * column 3, line 40 - line 57; figures 1,4,5 *	1,3,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 FEBRUARY 1993	Examiner MATZDORF U.
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			