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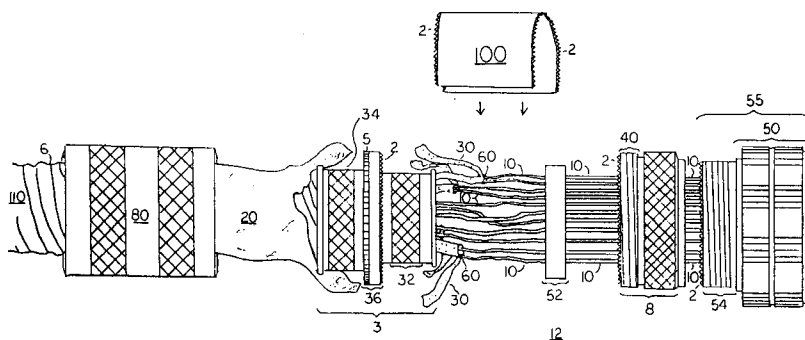
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15.12.93 Bulletin 93/50(71) Applicant: **GENERAL ELECTRIC COMPANY**
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LONDON PATENT OPERATION,
G.E. TECHNICAL SERVICES Co. INC.,
Essex House,
12/13 Essex Street
London WC2R 3AA (GB)(54) **Repairable electric cable connector with backshell.**

(57) A spacer separates a threaded self-locking connector adapter from a cable transition piece. When the spacer is in place, the self-locking backshell slides over the transition piece, the spacer and threaded portion of the connector to provide support and shielding for the wires. The spacer includes locking teeth which fit into locking teeth on the connector and transition piece to prevent the con-

connector from rotating relative to transition piece. The transition piece includes a locking detent mechanism. The outer shield of the cable is clamped by a cable clamp. The Shielded wires run through the center of transition piece and the individual shields from the wires are clamped to the transition piece by the clamp.

**FIG. 1****EP 0 546 657 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 92 30 7176

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	EP-A-0 247 814 (FKI ELECTRICAL COMPONENTS LIMITED (FORMERLY THORM EMI COMPONENTS LTD.) * page 3, column 3, line 62 - column 5, line 60; figures 1-4 * ---	1-5	H01R13/621 H01R13/622
A	US-A-4 422 710 (PERONA) * column 1, line 55 - column 2, line 30; figures 1,2 * ---	1,2,4,5	
A	US-A-4 355 854 (WILLIAMS) * column 2, line 8 - column 6, line 46; figures 1-13 * ---	1,4	
A	US-A-3 944 317 (OBERDIEAR) * column 2, line 59 - column 4, line 63; figures 1-5 * ---	1,2,4,5	
A	US-A-3 659 251 (FISH) * column 1, line 67 - column 3, line 25; figures 1-4 * -----	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H01R H02G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19 OCTOBER 1993	Examiner TAPPEINER R.
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	