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(11) Publication number:

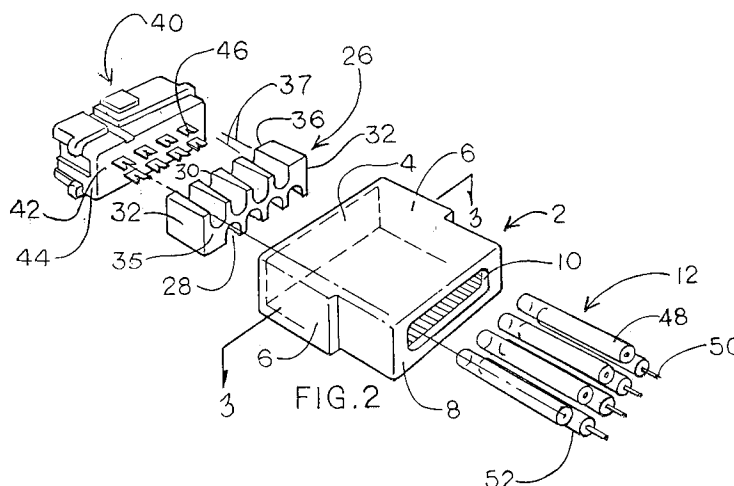
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EUROPEAN PATENT APPLICATION(21) Application number: **92108811.8**(51) Int. Cl.⁵: **H01R 13/58**(22) Date of filing: **26.05.92**(30) Priority: **28.05.91 US 706161**(43) Date of publication of application:
02.12.92 Bulletin 92/49(84) Designated Contracting States:
DE GB NL(88) Date of deferred publication of the search report:
28.07.93 Bulletin 93/30(71) Applicant: **WOVEN ELECTRONICS
CORPORATION**
9 Washington Park East
Greenville, S.C. 29601(US)(72) Inventor: **Beck, Herbert C.**
512 Poinsettia Drive
Simpsonville, South Carolina 29681(US)
Inventor: **DeYoung, Clifford L.**
1136 Cooper Bridge Road
Woodruff, South Carolina 29338(US)
Inventor: **Shasteen, Sam S.**
321 Piedmont Park Road
Greenville, South Carolina 29609(US)(74) Representative: **Neubauer, Hans-Jürgen,**
Dipl.-Phys.
Neubauer & Ott, Fauststrasse 30
W-8070 Ingolstadt (DE)(54) **Coax connector assembly.**

(57) A coax retention comb adapted to be fittingly engaged within an interior area of a back shell of a coax assembly. The comb includes a plurality of slots formed across its top and bottom surfaces, the slots are vertically offset from each other and are tapered inwardly from rear to front which are adapted to receive an insulated coaxial wire. The coaxial wire has a diameter slightly larger than the inward

tapered end of the slots so that the tapered ends are expanded where the wires are inserted therein. The interior area of the back shell is of a size which forces the comb back into its original configuration when the comb is fitted therein. This causes the inwardly tapered ends of the slots to bite into the insulation of the wires which fixedly position the wires relative to the comb.

**EP 0 516 028 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 92 10 8811

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)
Y	DE-A-2 320 836 (RUDOLF ARNOLD) * page 14, line 1 - page 18, line 3; figures 1,2 *	1,4,5,6, 7	H01R13/58
Y	EP-A-0 216 623 (MOLEX) * column 4, line 44 - line 60; figures 1,2 *	1,4,5,6, 7	
D,A	US-A-4 601 530 (COLDREN) * column 3, line 37 - column 4, line 12; figures 5-7 *	2,3,6	
A	DE-A-2 521 526 (INTERNATIONAL STANDARD ELECTRIC) * claims 1,2 *	8-10	
			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 21 MAY 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	