



Publication number:

0 392 108 A3

12

EUROPEAN PATENT APPLICATION

Application number: **89304803.3**

Int. Cl.⁵: **H01R 13/506**

Date of filing: **11.05.89**

Priority: **14.04.89 US 338790**

Date of publication of application:
17.10.90 Bulletin 90/42

Designated Contracting States:
DE FR GB IT NL

Date of deferred publication of the search report:
24.04.91 Bulletin 91/17

Applicant: **AMP INCORPORATED (a Pennsylvania corporation)**
P.O. Box 3608 470 Friendship Road
Harrisburg Pennsylvania 17105(US)

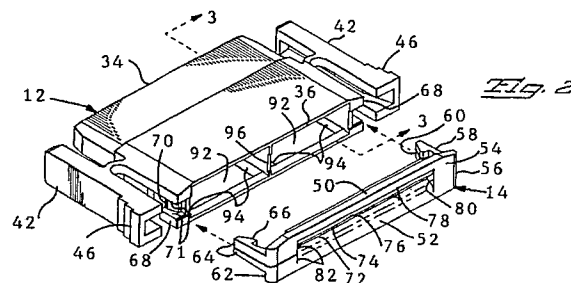
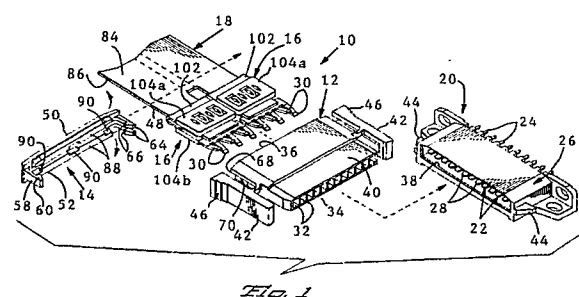
Inventor: **Puerner, Dean Arnold**
45244 Madison Avenue
Maricopa Arizona 85239(US)

Representative: **Warren, Keith Stanley et al**
BARON & WARREN 18 South End Kensington
London W8 5BU(GB)

Housing for flat power cable connector.

A housing for a termination of a pair of terminals (16) onto an end of flat power cable (18) has a pair of wide cavities (92) to receive the terminated cable end from rearwardly thereof, for contact sections (30) of the terminals (16) to extend forwardly from or be exposed along the forward housing mating face (34). A strain relief member (14) is then securable to the rearward end (36) of the housing (12) such as by latching thereto, to secure the terminals (16) within the cavities (92) and define a cable exit (72) spaced rearwardly of the terminations of the terminals (16).

The strain relief member (14) can be bifurcated having upper and lower struts (50,52) joined at one lateral end (56) thereof to be inserted over the flat cable (18) from one side (48), and a latch arm (58) extends forwardly from the joined end (54) and a pair of adjacent latch arms (64) extend forwardly from the unjoined ends (62) of the struts (50,52), for latching to the housing (12), and the adjacent latch arms (64) after latching act as a single latch arm.



EP 0 392 108 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 30 4803

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL5)
A	EP-A-311249 (NORTHERN TELECOM LIMITED) * column 5, line 27 - column 10, line 45; figures 1-16 *	1, 2	H01R13/506
A	WO-A-8807775 (AMP INCORPORATED) * page 5, line 23 - page 11, line 12; figures 1-8 *	1	
A	FR-A-2584539 (AMP INCORPORATED) * page 5, line 25 - page 15, line 17; figures 1-8 *	1	
			TECHNICAL FIELDS SEARCHED (Int. CL5)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25 FEBRUARY 1991	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			