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(71) Applicant: **G & H Technology, Inc.**
750 West Ventura Boulevard
Camarillo California 93010(US)

(72) Inventor: **Clinton, H. Dutcher**
5362 Maple View Circle
Camarillo California 93010(US)

(74) Representative: **Baillie, Iain Cameron et al**
c/o Ladas & Parry Isartorplatz 5
D-8000 München 2(DE)

(54) Environmentally protected EMI shielded connector.

(57) An EMI shielded connector is provided having an exterior receptacle shell, plug housing and coupling member constructed of plastic. Metallic sleeves line the shell and housing interiors and enclose insert assemblies. The sleeves are releasably engaged at a joint connection to provide electrical continuity through the connector for EMI protection. A junction means may be used to enhance electrical communication at the joint connection and a sealing member is used for environmental protection of the connector interior parts.

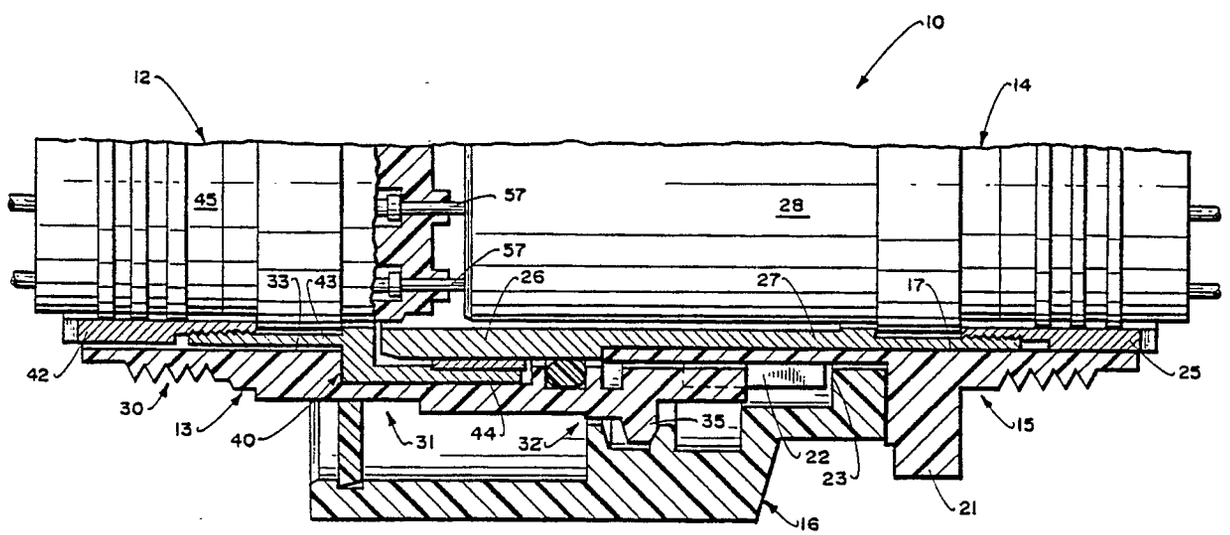


Fig. 1.

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EUROPEAN SEARCH REPORT

Application Number

EP 89 11 8506

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)
X	DE-A-2725653 (GROTE & HARTMANN GMBH & CO KG) * page 6, last paragraph - page 10; figure 1 *	9	H01R13/658 H01R13/52
Y		1	
A		10, 11	

Y	US-A-4674807 (BOTELER ET AL.) * column 2, line 24 - column 5, line 52; figures 1-10 *	1	
A		5	

X	GB-A-1285598 (BRITISH INSULATED CALLENDER'S CABLES LIMITED) * page 2, line 127 - page 3, line 78; figures 1-3 *	9	
A		1, 10, 11	

A	FR-A-2138738 (C & S ANTENNAS LIMITED) * the whole document *	1, 9	

A	EP-A-24193 (AUTOMATION INDUSTRIES INC.) * pages 1 - 11, line 11; figures 1-3 *	1-12	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
	------		H01R

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	29 AUGUST 1990	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
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