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(54) PCMCIA input/output card connector

(57) An input/output electrical connector (18) is compatible with the PCMCIA Open System Standard. A PCMCIA card assembly uses the connector. This connector (18) is a card I/O connector or header that is mounted on the edge of a PC card. The connector includes a plurality of terminals (60) insert molded in a housing (20). The housing includes a keyed spline (38) and an oppositely facing contact surface (50) with the tops of a row of terminals (60) exposed. The spline is molded by a mold slide that is retracted parallel to the tongue and groove keys and to the terminals (60). Molded ribs (54) are formed in front of the terminals to prevent stubbing during mating. A clam shell shield (80) surrounds the housing and a frame section (100) on the front of the shield defines the peripheral mating interface on the card I/O connector. The shield also includes mounting tabs (82) for securing the shield (80) and the connector (18) to a PC card without the use of separate rivets or fasteners.

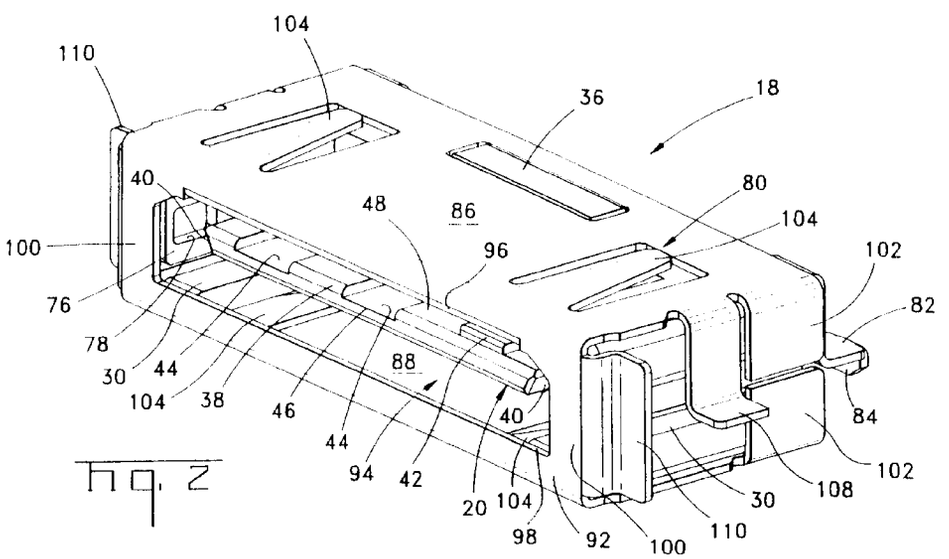


Fig. 2

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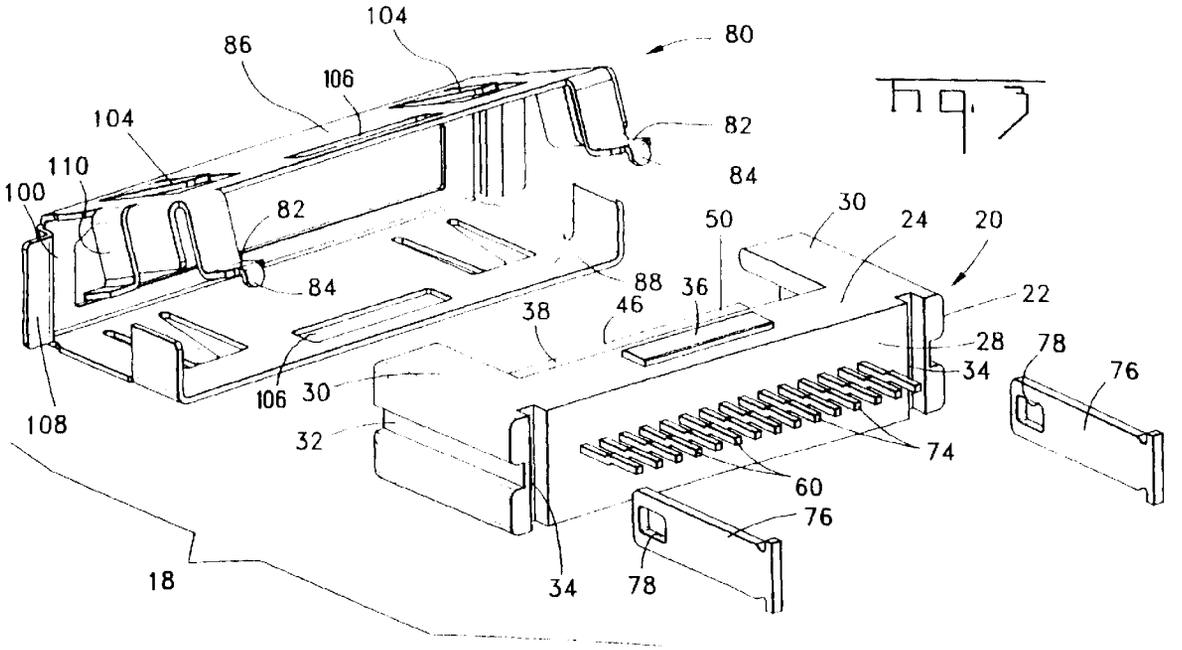

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Fig. 7

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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 0459

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.6)
A	GB 2 233 596 A (DESBURY LTD) 16 January 1991 * the whole document * ---	1	H01R43/24 H01R13/64 H01R23/70 H01R13/405
A	US 5 201 883 A (ATOH KIYOSHI ET AL) 13 April 1993 * column 3, line 6 - column 5, line 31 * ---	1	H01R13/658
A,D	US 5 330 360 A (MARSH EDWARD K ET AL) 19 July 1994 -----		

TECHNICAL FIELDS SEARCHED (Int.Cl.6)

H01R

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	13 August 1997	Salojärvi, K

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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