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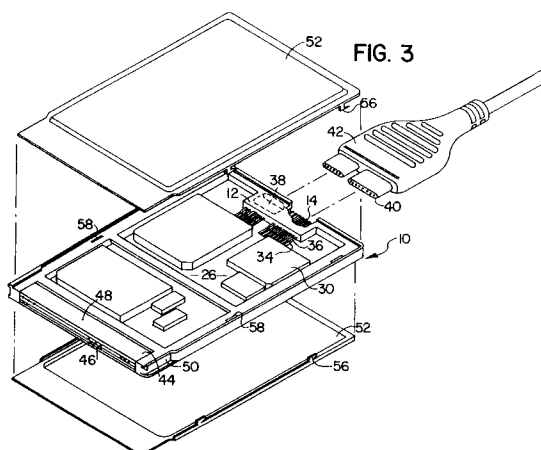
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(54) **Integral connector system for credit card size I/O card external connector.**

(57) A connector that can be attached to a printed circuit board. The connector has a plastic connector housing which includes a contact body and a frame. The contact body contains a plurality of electrically conductive pins that can be mated with the sockets of an external connector. The frame is integral with the contact body and extends around the edges of the printed circuit board. The frame has a ridge that allows the printed circuit board to be mounted directly to the connector.

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EUROPEAN SEARCH REPORT

Application Number

EP 92305113.0

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92305113.0
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	DE - A - 2 918 185 (RUHRKOHLER) * Fig. 1; claim 1 *	1-3,5	H 01 R 23/70 H 05 K 7/14
A	--	4,6	
Y	DE - A - 3 331 035 (KOYO) * Fig. 1,2; claim 1; page 7, line 26ff *	1-3,5	
A	--	4,6	
A	AU - B - 47 505/85 (STC) * Fig. 1,2; claims *	1-6	
A	US - A - 4 293 179 (VONDER) * Abstract; fig. 1-9; claims *	1-6	
A	US - A - 4 871 319 (BABOW) * Abstract; fig. 1; claims 1,3-5 *	1-6	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US - A - 4 878 847 (RUTLEDGE) * Abstract; fig. 1-7; claims 1-5 *	1-6	E 21 F 17/00 G 05 B 11/00 H 01 R 9/00 H 01 R 23/00 H 05 K 7/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 02-11-1993	Examiner BLASL
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	