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**EUROPEAN PATENT APPLICATION**

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⑤① Int. Cl.<sup>4</sup>: **H 01 R 23/70**

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**Bulletin 83/29**

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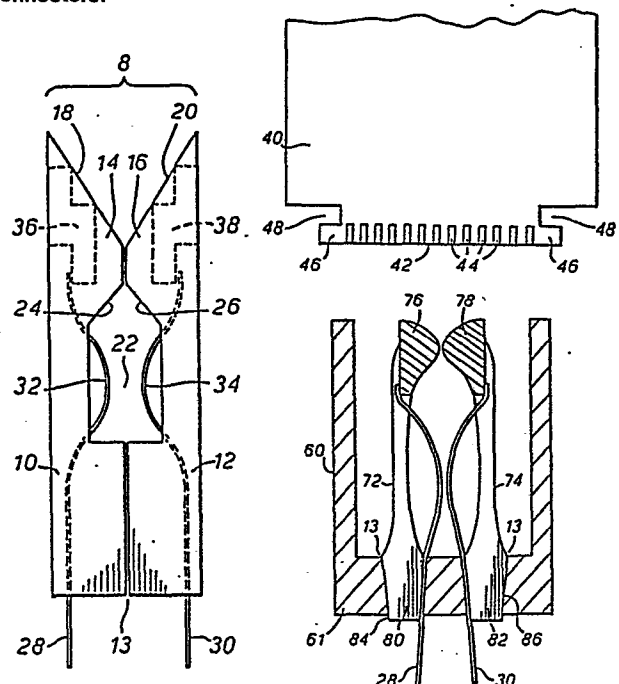
⑧④ Designated Contracting States: **BE DE FR NL**

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⑤④ **Improvements in and relating to printed-circuit board edge connectors.**

⑤⑦ A system for providing edge connection to printed-circuit boards (40) and the like has very low insertion force and almost no contact wear, so avoiding the disadvantages of conventional edge connection systems, by employing a connector comprising two mutually pivotable arms (10 & 12) or (72 & 74) having protrusions (14 & 16) or (76 & 78) at their distal ends which are separable in response to the board being introduced between the protrusions (14 & 16) or (76 & 78) to separate spring contact sections (32, 34) far enough to allow insertion of the board (40) without rubbing there against, the protrusions (14 & 16) or (76 & 78) falling into a void (48, 94) at the end of insertion to allow the spring contact sections (32, 34) to impinge upon pads (44, 96) on the board (40) with the coming back together of the arms (10 & 12) or (72 & 74), the system working in reverse for the withdrawal of a board (40).





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. 3)
X	EP-A-0 030 222 (BURNDY) * Page 6, lines 3-31; figures 3,4 *	1,4-7, 16,2	H 01 R 23/68
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X	DE-A-2 341 770 (SIEMENS) * Page 8, last paragraph - page 10 paragraph 1; figure *	1,4-7, 9,11, 17	
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X	US-A-3 858 957 (AMP) * Column 6, line 10 - column 7, line 68; figures 5-8 *	1,4-7, 9,10, 17	
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X	US-A-3 594 699 (SYLVANIA) * Figures 2,3; column 3, lines 40-75 *	1,4-7, 11,17	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)  H 01 R
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X	US-A-3 710 303 (RCA) * Figures 3,6-12; column 4, lines 15-34; column 5, lines 41-51 *	1,4-7, 9-15, 17	
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A	US-A-2 811 700 (BELL) * figure *	1,16,2	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-03-1985	Examiner RAMBOER P.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>&amp; : member of the same patent family, corresponding document</p>			