



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**16.05.2001 Bulletin 2001/20**

(51) Int Cl.7: **H01R 12/18**

(43) Date of publication A2:  
**02.02.2000 Bulletin 2000/05**

(21) Application number: **99305940.1**

(22) Date of filing: **27.07.1999**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE**  
 Designated Extension States:  
**AL LT LV MK RO SI**

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(30) Priority: **27.07.1998 JP 21096598**  
**13.11.1998 JP 32368498**

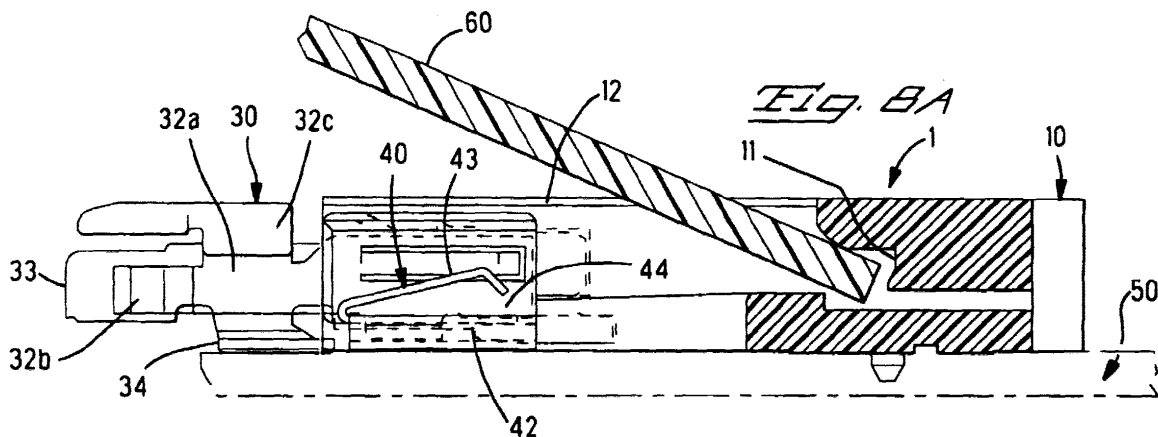
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(54) **Card edge connector**

(57) A card edge electrical connector (1) providing reliable grounding of a daughter board (60) to a mother board (50) via metal latch members (30) thereof. An insulating housing (10) is attached to a mother board (50) and has metal latch members (30) disposed adjacent end portions thereof which hold a daughter board (60) by means of holding members (32c) at a second angle when the daughter board (60) is rotated to the second angle after being inserted into a daughter board-accom-

modating recess (11) of the housing (10) at a first angle. The latch members (30) are soldered to a ground path of the mother board (50) by connection sections (34). Metal ground auxiliary contact members (40), which have first resilient contact portions (43) that resiliently engage a ground path of the daughter board (60) and second resilient contact portions (44) that resiliently engage the latch members (30) are attached to the housing (10). The contact members (40) may be integral with the latch members (30).





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 99 30 5940

| DOCUMENTS CONSIDERED TO BE RELEVANT  |   |  |  |
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| Category   | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim  | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
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|  |   |  | TECHNICAL FIELDS SEARCHED (Int.Cl.7)         |
|  |   |  | H01R   |
| The present search report has been drawn up for all claims   |   |  |  |
| Place of search<br><b>THE HAGUE</b>  |   | Date of completion of the search<br><b>21 March 2001</b> | Examiner<br><b>Bertin, M</b>                 |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document<br>T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |   |  |  |

EPO FORM 1503 03/82 (P4/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 5940

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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