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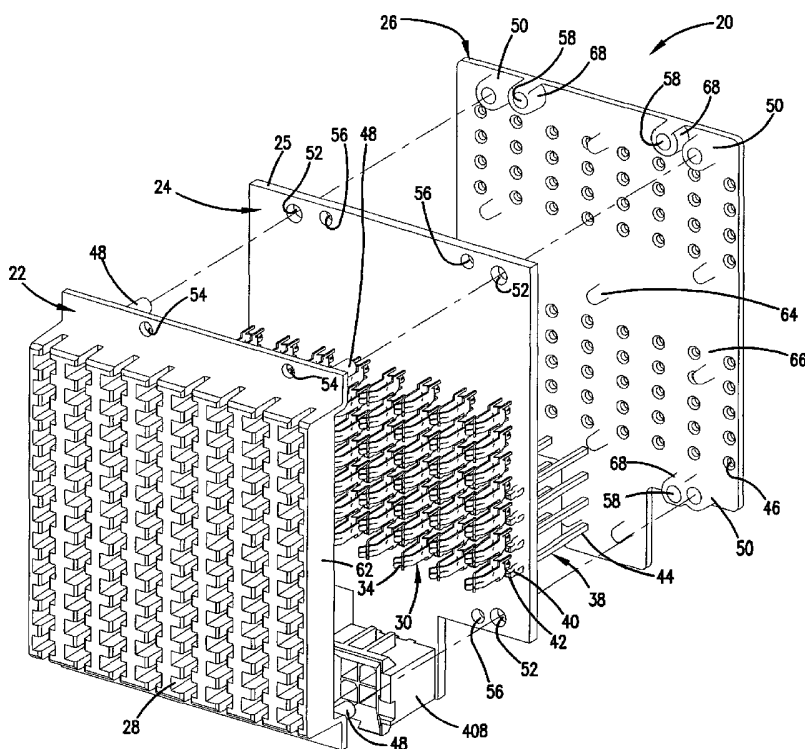
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(54) Title: INTERCONNECT MODULE



(57) Abstract: A mount apparatus includes a separate spring contact and wire wrap pin assembly as well as having a sandwich construction to prevent the spring contact and wire wrap pin from being pushed out of their retention positions. In one embodiment, a mount apparatus includes a front cover having a plurality of receptacles, a back cover having a plurality of through holes, and a circuit board assembly sandwiched between the front cover and the back cover. The circuit board assembly includes a board having a plurality of through holes aligned with the receptacles of the front cover and the through holes of the back cover, a plurality of contacts retained in a first set of the through holes of the board of the circuit board assembly, and a plurality of pins retained in a second set of the through holes of the board of the circuit board assembly. A first end of each contact is extended towards and exposed in a corresponding receptacle of the front cover and

stopped by the front cover, and a second end of each contact is extended towards and stopped by the back cover. A first end of each pin is extended towards and stopped by the front cover, and a second end of each pin is extended towards and projected from a corresponding through hole of the back cover. Further, the circuit board assembly includes a trace electrically connecting each contact to each corresponding pin.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 4 262 981 A (GOODMAN DAVID S) 21 April 1981 (1981-04-21) column 2, line 33 -column 3, line 54 column 4, line 3 -column 4, line 21 column 4, line 28 -column 4, line 51; figures 1-3 ---	1-4, 11, 14 5-10, 12, 13
Y A	EP 0 907 226 A (LUCENT TECHNOLOGIES INC) 7 April 1999 (1999-04-07) column 4, line 37 -column 4, line 53 column 5, line 26 -column 6, line 3 column 7, line 42 -column 8, line 7 column 8, line 25 -column 9, line 4 column 10, line 27 -column 10, line 36; figures 1-7 --- -/--	1-4, 11, 14 5-10, 12, 13



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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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