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(54) High performance card edge connector

(57) A card edge connector for mounting on a circuit board (14) and removably receiving a circuit card (16) includes an elongated housing (26) defining a card receiving slot (34). Numerous terminal receiving cavities (44, 46) intersect and extend to both sides of the slot (34). Alternate cavities include stamped reference

(ground or power) terminals (60) and signal terminals (62), all having downwardly extending board contacts (72, 92) and upwardly extending spring arms (76, 78; 96, 98). There are numerous similar sets of face to face contacts, each including a reference contact parallel to and substantially overlying an opposed pair of signal contacts.

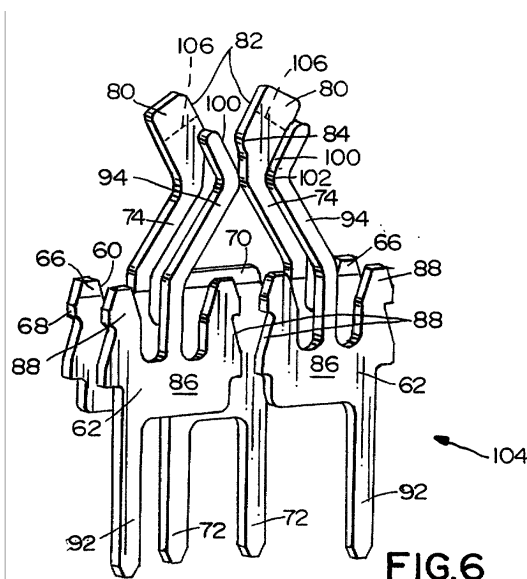


FIG. 6

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EUROPEAN SEARCH REPORT

Application Number
EP 99 11 3364

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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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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