

Title (en)
COAXIAL INTERFACE FOR A PLUG-IN UNIT

Title (de)
KOAXIALE SCHNITTSTELLE FÜR EINE STECKBARE BAUGRUPPE

Title (fr)
INTERFACE COAXIALE POUR UNITE ENFICHABLE

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Application
EP 98900878 A 19980121

Priority
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Abstract (en)
[origin: WO9833247A1] The interface arrangement for implementing a connection between coaxial connectors (316) and a board unit (BU) is based on the insight that coaxial connectors taking much space are taken away from the plug-in unit's card and a connection is made which can be connected easily between connectors and card and which can be easily removed when the front panel is removed. This is brought about by using a special auxiliary circuit board (312), to which the coaxial connectors are attached. From each connector extends a wire path on the circuit board to a connector bar, which is soldered to the circuit board edge and from which connector pins (313) protrude outwards. On the board unit (BU) of the plug-in unit, a connector bar (32, 322) is soldered, which contains counter connectors for the connectors of the auxiliary circuit board. The connectors of this connector bar are connected with such wire paths located on the board unit (BU) which convey signals to integrated circuits mounted on the circuit board. When the front panel is removed from the plug-in unit by pulling it in the direction of the plug-in unit's surface, the auxiliary circuit board attached to the front panel will follow together with its coaxial connectors and the connector pins (313) of the connector bar will leave their counter connectors which are attached to the board unit (BU) of the plug-in unit. Correspondingly, when the front panel is mounted, the connector pins will be pushed into their counter connectors and an electric connection will result.

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