

Title (en)
ELECTRICAL CONNECTOR WITH SHIELDING

Title (de)
ELEKTRISCHER VERBINDER MIT ABSCHIRMUNG

Title (fr)
CONNECTEUR ELECTRIQUE BLINDE

Publication
EP 0871998 B1 20031126 (DE)

Application
EP 95942705 A 19951220

Priority
• DE 4446098 A 19941222
• EP 9505046 W 19951220

Abstract (en)
[origin: WO9619850A1] The proposed connector element for printed circuit boards comprises a plurality of signal contacts (2) arranged in a grid pattern in a multipole connector (1) and a shielding unit (3) containing a first and a second earth plate (4 and 5) between which a conducting connection is provided via a bridge (6), the latter being provided with a projecting insertable first earth connection (7). Each earth plate (4 and 5) covers all the signal contacts (2) between any two plates in a column, a shielding unit (3) being provided only for every other signal contact column. With such an arrangement, only one signal contact for every two columns requires earthing and only one shielding unit is required for every two columns to achieve complete shielding of all the columns.

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H01R 12/16

IPC 8 full level
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