

Title (en)

Connector assembly for connecting a shielded cable to a printed circuit board.

Title (de)

Steckverbinderanordnung zum Verbinden eines abgeschirmten Kabels mit einer Leiterplatte.

Title (fr)

Assemblage de connecteur pour la connexion d'un câble blindé à une plaquette à circuits imprimés.

Publication

**EP 0545502 A1 19930609 (EN)**

Application

**EP 92203735 A 19921203**

Priority

NL 9102026 A 19911204

Abstract (en)

A connector assembly for connecting a shielded cable (1) to a printed circuit board (2) comprises a first connector element (3) with a first housing (4) of insulating material, a plurality of rows of male signal contacts (6) and at least one row of male ground contacts (8). A second connector element (9) has a housing (10) formed of metal to be connected with the cable shielding and having an insertion side, an insert (12) of insulation mounted in the housing, rows of female signal contacts (16) received in the insert and corresponding with the rows of male signal contacts (6) and at least one row of female ground contacts (20). The first housing (4) is provided along at least one longitudinal wall (5) with outwardly open slots (7) in which said male ground contacts are received. The metal housing (10) has a receiving space in which the first housing (4) can be fully received in such a manner that the walls of the metal housing (10) are adjoining the printed circuit board (2) in the assembled position. Along at least one longitudinal side of the receiving space (17) the female ground contacts are provided as contact springs for contacting the male ground contacts (8) in the assembled position. <IMAGE>

IPC 1-7

**H01R 13/658**; **H01R 23/68**

IPC 8 full level

**H01R 13/56** (2006.01); **H01R 13/658** (2011.01)

CPC (source: EP)

**H01R 13/6583** (2013.01); **H01R 13/56** (2013.01)

Citation (search report)

- [A] DE 3904461 C1 19900906
- [AD] EP 0374307 A1 19900627 - BURNDY ELECTRA NV [BE]
- [A] DE 3936466 A1 19910508 - ERNI ELEKTROAPP [DE]
- [A] EP 0412331 A1 19910213 - SIEMENS AG [DE]
- [A] DE 3834182 A1 19900412 - ERNI ELEKTROAPP [DE]

Cited by

US5931686A; DE4345217A1; GB2292486A; GB2292486B; AT406809B; WO9634431A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0545502 A1 19930609**; **EP 0545502 B1 19960911**; DE 69213676 D1 19961017; DE 69213676 T2 19970410; NL 9102026 A 19930701

DOCDB simple family (application)

**EP 92203735 A 19921203**; DE 69213676 T 19921203; NL 9102026 A 19911204