

Title (en)

Keying system for connector families.

Title (de)

Kodierungssystem für Steckerfamilien.

Title (fr)

Système de codage pour des familles de connecteurs.

Publication

EP 0108477 A1 19840516 (EN)

Application

EP 83305151 A 19830906

Priority

- US 42076282 A 19820921
- US 42348682 A 19820924

Abstract (en)

Electrical connector assembly (2) comprises a plug (4) and a receptacle (6). A primary keying system (78, 84) is provided which permits insertion of the plug (4) into the opening (52) of the receptacle (6) but which precludes insertion of a similar, but more narrow, plug (4) into the opening (52). A secondary keying system (86, 88) is provided for specifically keying the plug (4) and a receptacle (6) to each other and prevents insertion of another properly sized plug (4) into the opening (52). The primary keying system (78, 84) is advantageous when a series or family of connector assemblies (2) are produced with the different assemblies of the family being generally similar but having increasing numbers of terminals (62) and therefore increasing width. The plug (4) and receptacle (6) can be provided with sheet metal shielding enclosures (98, 100).

IPC 1-7

H01R 13/645

IPC 8 full level

H01R 13/64 (2006.01); **H01R 13/658** (2011.01)

CPC (source: EP)

H01R 13/64 (2013.01); **H01R 13/6596** (2013.01); **H01R 24/62** (2013.01); **H01R 2201/16** (2013.01)

Citation (search report)

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- [A] DE 7430223 U 19750612
- [A] EP 0025306 A1 19810318 - FUJITSU LTD [JP]
- [A] DE 7149083 U 19730628

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EP 86202144 A 19830906; BR 8305092 A 19830919; CA 437059 A 19830920; DE 3382586 T 19830906; EP 83305151 A 19830906; ES 282314 U 19830920; MX 19877783 A 19830921