

Title (en)
Shielding a surface mount electrical connector

Title (de)
Abschirmung eines oberflächenmontierten elektrischen Verbinders

Title (fr)
Blindage d'un connecteur électrique monté à surface

Publication
EP 0584937 B1 19980304 (EN)

Application
EP 93305756 A 19930722

Priority
• US 93232692 A 19920827
• US 94579892 A 19920916

Abstract (en)
[origin: EP0584937A2] A folded sheet metal shielding shell (4) for a surface mounted electrical connector (6) has a side wall (14) with parts (16,18) defining a seam (20) extending longitudinally of the shielding shell (4) so that electro-magnetic induction radiated by the mating portions (120) of the terminals (120) of the connector (6) is not directed towards the circuit board (PCB) upon which the shell (4) and the connector (6) are mounted, so as to interfere with circuitry on the board (PCB). The seam (2) may be held closed by means of a mounting flange, for securing the shell to a mounting panel (P). A cantilever flange (46) which depends from a top wall (8) is provided for securing the connector (6) within the shell (4).
<IMAGE> <IMAGE>

IPC 1-7
H01R 13/658; **H01R 23/68**

IPC 8 full level
H01R 12/16 (2006.01); **H01R 13/648** (2006.01); **H01R 24/00** (2006.01); **H01R 13/506** (2006.01); **H01R 13/658** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP)
H01R 12/725 (2013.01); **H01R 12/7064** (2013.01); **H01R 13/506** (2013.01); **H01R 13/6582** (2013.01); **H01R 13/6596** (2013.01); **H01R 13/6597** (2013.01); **H01R 24/62** (2013.01)

Cited by
EP1089385A3; EP0957542A3; EP0924806A1; EP2418741A4; EP0863581A1; EP0883215A3; EP1026784A1; SG87883A1; US6733339B2; SG119182A1; EP1011170A3; EP0801446A1; FR2747517A1; US5879193A; GB2331411A; GB2331411B; EP1079475A3; US6537084B2; US6702611B1; WO2012150165A1; WO9809352A1; US6554646B1; US1088666B1

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DOCDB simple family (application)
EP 93305756 A 19930722; DE 69317177 T 19930722; JP 23408993 A 19930826