

Title (en)
Connector assembly for printed circuit boards

Title (de)
Verbinderanordnung für gedruckte Leiterplatten

Title (fr)
Ensemble de connexion pour cartes de circuits imprimés

Publication
EP 0446980 B2 19990526 (EN)

Application
EP 91200396 A 19910225

Priority
NL 9000578 A 19900314

Abstract (en)
[origin: EP0446980A1] A connector assembly for printed circuit boards, comprises a first connector element with a first housing of insulating material and regularly arranged male signal and ground contacts connectable to a printed circuit board, and a second connector element with a second housing of insulating material, which can be inserted with a mating side into the first housing, and with regularly arranged female signal and ground contacts with a connection element. These female contacts will contact the corresponding male contacts when the second housing is received in the first housing. The second connector element is provided with a plurality of outer conductors, each of said outer conductors mainly enclosing at least one signal contact in a circumferential direction and each of said outer conductors being adapted to contact the adjacent ground contacts of the/each corresponding signal contact of the first connector element. <IMAGE>

IPC 1-7
H01R 23/68

IPC 8 full level
H01R 12/16 (2006.01); **H01R 12/20** (2006.01); **H01R 13/648** (2006.01); **H01R 24/00** (2006.01); **H01R 13/646** (2011.01); **H01R 13/658** (2006.01)

CPC (source: EP)
H01R 13/6587 (2013.01); **H01R 12/724** (2013.01); **H01R 13/6592** (2013.01); **H01R 24/50** (2013.01)

Cited by
US5620340A; EP0853352A3; EP0700131A1; EP0718928A3; EP1191642A3; EP0670615A1; US5842887A; EP0891018A1; FR2766020A1; AU711843B2; US6030231A; FR2752098A1; US5885093A; EP0562691A1; EP0836757A4; EP1594184A3; EP1679770A3; US5851121A; US5943770A; US5163835A; EP0891017A1; US6109933A; DE4433522B4; EP0755100A3; GB2485897B; US5429520A; US5429521A; US5433617A; US5433618A; US5549481A; US6203369B1; DE102021103224A1; US10147522B2; US6524135B1; EP0677215A4; FR2706223A1; US5605476A; US5607326A; EP0583934A3; US5632634A; EP3101739A1; WO9710629A1; US9972948B2; US6719587B2; EP1679770A2; US6764320B1; US6443740B1; US6851981B2; US7040924B2; US8575491B2; US8841555B2; US8492655B2; US8859901B2; US9129724B2; US9607735B2; US9607734B2; US9685259B2; US10373734B2; US10573427B2; US8658899B2; US9035186B2; US9324477B2; US9686893B2; US9715951B2; US9763369B2; US9883620B2; US10080319B2; US10306819B2; US10448547B2; US8466365B2; US8841554B2; US8933333B2; US9119292B2; US9196397B2; US9208927B2; US9443644B2; US9449738B2; US9502154B1; US9595371B2; US9601236B2; US9646740B2; US9653195B2; US9666332B1; US9627106B2; US9704619B1; US9715952B2; US9786411B2; US9865378B2; US9892823B2; US10056170B2; US10090082B2; US10109397B2; US10109396B2; US10134506B2; US10340059B2; US10347393B2; US10347398B2; US10438725B2; US10573432B2; US10629329B2; US10784021B2; US10896772B2; US10998111B2; US11348706B2; US11488745B2; US11651871B2; US11664137B2; US11688530B2; US11699536B2; US11923112B2

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0446980 A1 19910918; EP 0446980 B1 19940831; EP 0446980 B2 19990526; AU 636459 B2 19930429; AU 7276191 A 19910919; CA 2037798 A1 19910915; CA 2037798 C 19960723; DE 69103652 D1 19941006; DE 69103652 T2 19950126; DE 69103652 T3 19990805; ES 2062661 T3 19941216; JP 2959861 B2 19991006; JP H04220977 A 19920811; NL 9000578 A 19911001

DOCDB simple family (application)
EP 91200396 A 19910225; AU 7276191 A 19910308; CA 2037798 A 19910308; DE 69103652 T 19910225; ES 91200396 T 19910225; JP 4982691 A 19910314; NL 9000578 A 19900314