

Title (en)

Printed circuit board electrical connector.

Title (de)

Elektrischer Verbinder für gedruckte Schaltungsplatten.

Title (fr)

Connecteur électrique pour circuit imprimé.

Publication

EP 0538029 A2 19930421 (EN)

Application

EP 92309406 A 19921015

Priority

GB 9122052 A 19911017

Abstract (en)

An electrical connection system is comprised of male and female electrical connector members where the male (60) and female (2) electrical connector are electrically interconnected to printer circuit boards (50,90) where the printed circuit boards (50,90) are intended for parallel mounting relative to one another. To reduce the vertical distance between the facing surfaces of the electrical printed circuit boards, the printed circuit boards include apertures (52,82) at least partly through the facing surface of the printed circuit board, and the male and female electrical connectors (2,60) are recessed into the apertures (52,82) of the printed circuit boards (50,90). This reduces the distance between the upper face of the electrical connector and the corresponding upper surface of the printed circuit board thereby providing a more dense profile between the interconnected opposing printed circuit boards (50,90). <IMAGE> <IMAGE>

IPC 1-7

H01R 23/68

IPC 8 full level

H01R 12/52 (2011.01); **H01R 12/71** (2011.01); **H01R 12/50** (2011.01)

CPC (source: EP)

H01R 12/52 (2013.01); **H01R 12/716** (2013.01)

Cited by

CN103904451A; EP1403974A1; EP0795939A3; EP0651466A3; US7165994B2; EP2741371A1; US5442520A; EP0795929A3; EP0650643A4; US5919051A; EP2667460A4; EP2503652A4; US6884089B2; US9196990B2; US9437951B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0538029 A2 19930421; **EP 0538029 A3 19930915**; GB 9122052 D0 19911127; JP H05226040 A 19930903

DOCDB simple family (application)

EP 92309406 A 19921015; GB 9122052 A 19911017; JP 30315592 A 19921016