

Title (en)

Multi-contact electrical connector assembly.

Title (de)

Mehrpole elektrische Verbinderanordnung.

Title (fr)

Assemblage de connecteur électrique à contacts multiples.

Publication

EP 0420010 B1 19950607 (EN)

Application

EP 90117946 A 19900918

Priority

- US 41193389 A 19890925
- US 41196189 A 19890925
- US 41957389 A 19891010

Abstract (en)

[origin: EP0420010A1] A sealed electrical connector assembly (2) used to interconnect wires (4) with a printed circuit board comprises a receptacle connector (6) matable with a pin header (8). The receptacle connector (6) includes a secondary lock (60) located on the mating face of an insulative housing (30). Integral latches (50) are received within correspondingly shaped pockets (62) in the secondary lock (60). A plate (90) includes a plurality of projections (94) which can be selectively removed. Remaining projections (94) seal individual seal cavities (36). A stamped and formed pin (20) is used in the pin header (8). An integral plug (120) is used to seal the leak path on the interior of the stamped and formed cylindrical pins (20).

IPC 1-7

H01R 13/436; **H01R 13/05**

IPC 8 full level

H01R 13/42 (2006.01); **H01R 13/436** (2006.01); **H01R 13/443** (2006.01); **H01R 13/52** (2006.01); **H01R 13/05** (2006.01); **H01R 13/424** (2006.01)

CPC (source: EP KR)

H01R 12/70 (2013.01 - KR); **H01R 12/72** (2013.01 - KR); **H01R 13/4365** (2013.01 - EP); **H01R 13/443** (2013.01 - EP); **H01R 13/5213** (2013.01 - EP); **H01R 13/05** (2013.01 - EP); **H01R 13/424** (2013.01 - EP); **H01R 13/436** (2013.01 - EP); **H01R 13/5208** (2013.01 - EP)

Cited by

FR2731559A1; EP3982489A4; FR2702889A1; EP0671789A1; ES2124662A1; FR2726403A1; FR2684242A1; EP0810696A3; EP0978905A3; FR2726402A1; US5575685A; FR2678779A1; EP1235306A3; EP1583183A1; EP1037322A1; FR2693844A1; CN112290268A; EP0637045A1; FR2708387A1; GB2251739A; GB2251739B; CN102324652A; US6364703B1; US6786768B2; US6302735B1; US9608368B2

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