

Title (en)
ELECTRICAL CONNECTOR MEANS

Publication
EP 0329750 B1 19921111 (EN)

Application
EP 88907496 A 19880809

Priority
• US 9286087 A 19870902
• US 13728787 A 19871223

Abstract (en)
[origin: WO8902172A1] An improved connector (10) for attaching a mother board (14) to a daughter board (12) has a slotted housing (15), a slotted elastomeric member (28) disposed within the housing (15), and a flexible circuit (34) with numerous conductors (45) thereon wrapped around the elastomeric member (28) with its two free ends extending partially across the slot (29) of the elastomeric member (28). When the daughter board (14) is inserted into the housing (15), it deflects the free ends of the flexible circuit (34) into the slot (29) of the elastomeric member (28). The elastomeric member (28) has a portion (30) projecting out of the housing (15) such that, when the housing (15) is fastened to the mother board (14), the elastomeric member (28) is compressed causing it to exert more pressure on the electrical conductors (45) of the flexible circuit (34) as they contact connector pads (53, 55) of the mother board (14).

IPC 1-7
H01R 23/72; **H01R 9/07**

IPC 8 full level
H01R 12/71 (2011.01); **H01R 12/79** (2011.01); **H01R 12/72** (2011.01); **H01R 13/24** (2006.01)

CPC (source: EP)
H01R 12/714 (2013.01); **H01R 12/79** (2013.01); **H01R 12/721** (2013.01); **H01R 13/24** (2013.01)

Cited by
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DE FR GB

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WO 8902172 A1 19890309; DE 3875952 D1 19921217; DE 3875952 T2 19930603; EP 0329750 A1 19890830; EP 0329750 B1 19921111; JP 2855435 B2 19990210; JP H02500941 A 19900329

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