

Title (en)

Connector assembly for printed circuit boards.

Title (de)

Verbinderanordnung für gedruckte Leiterplatte.

Title (fr)

Ensemble de connexions pour cartes de circuits imprimés.

Publication

**EP 0374307 A1 19900627 (EN)**

Application

**EP 88203014 A 19881223**

Priority

EP 88203014 A 19881223

Abstract (en)

A connector for printed circuit boards comprises first and second connector elements. The first connector element has a first housing of insulating material including a base and two spaced upright sidewalls extending parallel to each other from the base and defining a contact region therebetween and a plurality of rows of male contacts provided within said contact region parallel to the sidewalls. The second connector element has a second housing of insulating material including outwardly directed sidewalls adapted to be fitted between the spaced sidewalls of the first housing, and a plurality of parallel rows of female contacts having contact portions for contacting the male contacts when the second housing is received between the sidewalls of the first housing. A plurality of first additional contacts are provided in the first housing, which first additional contacts are male contacts mounted in the base of the first housing in at least one row close to one of the sidewalls. A plurality of second additional contacts are arranged in at least one row in the second housing adjacent a corresponding one of its outwardly directed sidewalls which is provided with a plurality of slots for receiving the at least one row of first additional contacts, the second additional contacts having contact portions for contacting the first additional contacts. In the alternative, the first additional contacts are male contacts mounted in a row in the base of the first housing. The second housing comprises two parts each having outwardly directed sidewalls, one sidewall of one part facing one sidewall of the other part, wherein the printed circuit board to be connected to the contacts of the second housing is to be located above the facing sidewalls, the facing sidewalls of said two parts being provided with slots for receiving the row of first additional contacts and at least one of the parts being provided with second additional contacts arranged in a row adjacent the sidewall provided with slots.

IPC 1-7

**H01R 23/68**

IPC 8 full level

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CPC (source: EP)

**H01R 12/7082** (2013.01); **H01R 12/737** (2013.01); **H01R 12/81** (2013.01)

Citation (search report)

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- [A] EP 0292144 A2 19881123 - HIROSE ELECTRIC CO LTD [US]
- [A] US 4631637 A 19861223 - ROMANIA SAMUEL R [US], et al

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DOCDB simple family (application)

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