

Title (en)  
PCB-line connector

Title (de)  
Leitungs-Steckverbindung

Title (fr)  
Connecteur de ligne pour circuit imprimé

Publication  
**EP 0848459 A3 20001220 (DE)**

Application  
**EP 97120673 A 19971126**

Priority  
• DE 19651800 A 19961213  
• DE 19701034 A 19970115  
• DE 19734391 A 19970808

Abstract (en)  
[origin: EP0848459A2] The connector comprises an element that is crimped onto the end of the wire (2). The circuit board has slots (3) at its edges which form tongues (4). The sides (3.1,3.2) of the slots are partially metal coated and each metal coated part leads to a conductive path (1.1,1.2) or conductive line. The connector comprises a metal coated outer sleeve (7) which is connected to the outer- or earth-wire (5) and an inner conductive sleeve (8) which is connected to the inner- or signal-carrying wire. When plugged in, the outer sleeve contacts the outer metal coated sides (3.2) of the two outer slots and the inner sleeve contacts the metal coated sides of the central slot or tongue.

IPC 1-7  
**H01R 17/12**; **H01R 9/05**

IPC 8 full level  
**H01R 9/05** (2006.01); **H01R 13/646** (2011.01)

CPC (source: EP US)  
**H01R 9/0515** (2013.01 - EP US); **H01R 24/50** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

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• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)  
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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0848459 A2 19980617**; **EP 0848459 A3 20001220**; **EP 0848459 B1 20061011**; AT E342590 T1 20061115; DE 59712744 D1 20061123; US 6123550 A 20000926

DOCDB simple family (application)  
**EP 97120673 A 19971126**; AT 97120673 T 19971126; DE 59712744 T 19971126; US 98965997 A 19971212