

Title (en)  
Electrical connector for use in telephony.

Title (de)  
Elektrischer Verbinder für Fernsprechanlagen.

Title (fr)  
Connecteur électrique employé en téléphonie.

Publication  
**EP 0157976 A2 19851016 (EN)**

Application  
**EP 84305417 A 19840808**

Priority  
US 52889583 A 19830902

Abstract (en)  
An electrical connector including a housing of insulative material defining an elongated slot in its front face adapted to receive an edge of a printed circuit board and a socket in its rear face adapted to receive a multi-terminal telephone plug. A plurality of elongated electrical contacts of conductive springy material extend side by side within the housing generally between the housing slot and the housing socket. Each contact includes a circuit board engaging section, defining a generally flat wiping portion positioned at one side of the housing slot and operative to resiliently and wipingly engage a respective contact on the edge of a printed circuit board inserted into the slot, and a plug engaging section. Each plug engaging section extends rearwardly through a passage in the housing to a location on the rear face of the housing below the socket, thereafter bends upwardly through a right angle to the lower edge of the socket and thereafter bends forwardly in cantilever fashion into the socket toward the blind end of the socket and at an angle with respect to the line of action of the socket. The lateral spacing between each contact tail portion is significantly less than the lateral spacing between each contact wiping portion and the contacts are dissimilar and are configured so that, taken as a set, they neck down between the wiping portions and the tail portions to accommodate the disparity in lateral spacing.

IPC 1-7  
**H01R 31/06**

IPC 8 full level  
**H01R 31/06** (2006.01); **H01R 13/26** (2006.01); **H01R 29/00** (2006.01)

CPC (source: EP)  
**H01R 31/06** (2013.01); **H01R 12/721** (2013.01); **H01R 13/26** (2013.01); **H01R 29/00** (2013.01)

Cited by  
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