

Title (en)  
PCMCIA input/output card connector

Title (de)  
PCMCIA Eingangs/Ausgangskartenverbinder

Title (fr)  
PCMCIA connecteur pour carte entrée/sortie

Publication  
**EP 0729206 A3 19971008 (EN)**

Application  
**EP 96300459 A 19960124**

Priority  
• US 39243095 A 19950222  
• US 39243595 A 19950222

Abstract (en)  
[origin: EP0729206A2] An input/output electrical connector (18) is compatible with the PCMCIA Open System Standard. A PCMCIA card assembly uses the connector. This connector (18) is a card I/O connector or header that is mounted on the edge of a PC card. The connector includes a plurality of terminals (60) insert molded in a housing (20). The housing includes a keyed spline (38) and an oppositely facing contact surface (50) with the tops of a row of terminals (60) exposed. The spline is molded by a mold slide that is retracted parallel to the tongue and groove keys and to the terminals (60). Molded ribs (54) are formed in front of the terminals to prevent stubbing during mating. A clam shell shield (80) surrounds the housing and a frame section (100) on the front of the shield defines the peripheral mating interface on the card I/O connector. The shield also includes mounting tabs (82) for securing the shield (80) and the connector (18) to a PC card without the use of separate rivets or fasteners.  
<IMAGE> <IMAGE>

IPC 1-7  
**H01R 43/24**; **H01R 13/64**

IPC 8 full level  
**H01R 12/18** (2006.01); **H01R 13/405** (2006.01); **H01R 13/64** (2006.01); **H01R 13/658** (2006.01); **H01R 24/00** (2006.01); **H01R 43/18** (2006.01); **H01R 43/24** (2006.01)

CPC (source: EP)  
**H01R 12/725** (2013.01); **H01R 13/405** (2013.01); **H01R 13/6582** (2013.01); **H01R 13/6595** (2013.01)

Citation (search report)  
• [A] GB 2233596 A 19910116 - DESBURY LTD [IE]  
• [A] US 5201883 A 19930413 - ATOH KIYOSHI [JP], et al  
• [AD] US 5330360 A 19940719 - MARSH EDWARD K [US], et al

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**EP 96300459 A 19960124**; BR 9600710 A 19960213; DE 69609644 T 19960124; JP 6020796 A 19960222