

Title (en)
PCMCIA input/output card connector

Title (de)
PCMCIA Eingangs/Ausgangskartenverbinder

Title (fr)
PCMCIA connecteur pour carte entrée/sortie

Publication
EP 0729206 B1 20000809 (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**; **H01R 12/18**; **H01R 13/405**; **H01R 13/658**

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)

Cited by
EP2182586A1; EP0908979A3; EP0908977A3; EP2200126A3; EP0784291A3; SG79996A1; EP0908980A3; EP1420478A1; EP0908978A3; EP0917254A3; US6913488B2; WO9949540A1; WO2006014541A1; KR100327718B1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0729206 A2 19960828; **EP 0729206 A3 19971008**; **EP 0729206 B1 20000809**; BR 9600710 A 19971230; DE 69609644 D1 20000914; DE 69609644 T2 20001228; JP H08250217 A 19960927

DOCDB simple family (application)
EP 96300459 A 19960124; BR 9600710 A 19960213; DE 69609644 T 19960124; JP 6020796 A 19960222