

Title (en)
High performance MIL-C-26500 and ARINC connectors

Title (de)
Steckverbinder MIL-C-26500 und ARINC mit hoher Leistung

Title (fr)
Connecteurs MIL-C-26500 et ARINC à haute performance

Publication
EP 0913888 A3 20010711 (EN)

Application
EP 98203676 A 19981030

Priority
US 96094297 A 19971030

Abstract (en)
[origin: EP0913888A2] An improved MIL-C-26500 and ARINC type electrical connectors having improved environment resisting wire sealing webs, a hard dielectric face socket insert to detect splayed or bent pins, and a controlled configuration of contact retention clips providing improved electrical performance, easy insertion and removal of contacts and improved assembly, serviceability and maintainability. Additionally, the Mil-C-26500 receptacle circular connector having a set of ground wave springs assembled on the receptacle connector flange to assure a secure ground path on electrically bonded connectors. Furthermore, an ARINC type connector having modularly arrayed insert and a bayonet coupling mechanism. Coupling means includes an axially directed dowel pin member associated with a rotatable locking pin on the plug connector shiftable into a retentive position on the closed ends of receiving ramp grooves formed inside a helical socket on the receptacle connector. Consequently, an indicating means provides a visual examination for a fully coupled plug and receptacle rectangular connectors. <IMAGE>

IPC 1-7
H01R 13/52; **H01R 13/622**; **H01R 13/629**

IPC 8 full level
H01R 13/533 (2006.01); **H01R 13/52** (2006.01); **H01R 13/622** (2006.01); **H01R 13/645** (2006.01)

CPC (source: EP)
H01R 13/5221 (2013.01); **H01R 13/622** (2013.01); **H01R 13/645** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0913888 A2 19990506; **EP 0913888 A3 20010711**; CN 1218313 A 19990602; JP H11204194 A 19990730

DOCDB simple family (application)
EP 98203676 A 19981030; CN 98123459 A 19981028; JP 30839798 A 19981029