

Title (en)
ELECTRICAL CONNECTOR ASSEMBLY

Publication
EP 0476883 A3 19921014 (EN)

Application
EP 91308042 A 19910830

Priority
US 58636090 A 19900921

Abstract (en)
[origin: EP0476883A2] An electrical connector assembly 10 includes a receptacle member (12) and a pin header (60). The receptacle member (12) has a housing (14) including an inner body portion (22) and two opposed outer side walls 24, which together define elongate cavities (36) between inner body section (22) and respective outer side walls (24); and a plurality of first contact terminal members (40) disposed in inner body portion (22) and a plurality of second contact terminal members (46) disposed in the elongate cavities (36). The pin header (60) includes a housing member (62) having a plurality of third electrical contact terminal members (78) disposed therein and adapted to mate with the first terminal members and at least one ground bus member (92) disposed continuously along at least one side of pin header housing (62), the bus member (92) being adapted to be received in one of the respective elongate cavities (36) of receptacle member (12) and electrically engage the second terminal members (46) therein, when the receptacle member (12) and pin header (60) are mated. <IMAGE> <IMAGE>

IPC 1-7
H01R 13/658; H01R 23/70

IPC 8 full level
H01R 12/16 (2006.01); **H01R 12/50** (2011.01); **H01R 12/71** (2011.01); **H01R 12/72** (2011.01); **H01R 12/73** (2011.01); **H01R 13/648** (2006.01); **H01R 24/00** (2006.01)

CPC (source: EP KR)
H01R 12/716 (2013.01 - EP); **H01R 12/724** (2013.01 - EP); **H01R 12/737** (2013.01 - EP); **H01R 13/658** (2013.01 - EP); **H01R 13/6581** (2013.01 - KR)

Citation (search report)
• [A] US 4869677 A 19890926 - JOHNSON LENNART B [US], et al
• [A] EP 0273589 A1 19880706 - AMP INC [US]
• [A] EP 0189288 A2 19860730 - DU PONT [US]
• [AD] EP 0347097 A1 19891220 - AMP INC [US]

Cited by
FR2707046A1; DE19640847A1; DE19640847B4; US5605476A; US5607326A; EP0884809A3; CN114421241A; WO9903173A1; WO0150551A1; EP0540310B1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0476883 A2 19920325; EP 0476883 A3 19921014; EP 0476883 B1 19951025; EP 0476883 B2 20001220; DE 69114094 D1 19951130; DE 69114094 T2 19960530; JP 3194603 B2 20010730; JP H04255678 A 19920910; KR 920007264 A 19920428; KR 970004153 B1 19970325

DOCDB simple family (application)
EP 91308042 A 19910830; DE 69114094 T 19910830; JP 26863891 A 19910920; KR 910016084 A 19910916