

Title (en)

ELECTRICAL CONNECTOR WITH ELECTRICAL CONTACT AND STRAIN RELIEF

Title (de)

ELEKTRISCHER VERBINDER MIT ELEKTRISCHEM KONTAKT UND ZUGENTLASTUNG

Title (fr)

CONNECTEUR ELECTRIQUE A CONTACT ELECTRIQUE ET ELEMENT REDUCTEUR DE TENSION

Publication

EP 0797852 A1 19971001 (EN)

Application

EP 96915727 A 19960508

Priority

- US 9606747 W 19960508
- US 49516395 A 19950626
- US 49577995 A 19950627

Abstract (en)

[origin: WO9701875A1] An electrical connector assembly (100) which includes electrical contacts (10) of the insulation displacement type, an inner housing (20), an outer housing (40), and a strain relief member (50). The assembly (100) is assembled by first securely placing the electrical contacts (10) within the inner housing (20) and then inserting the inner housing (20) into the outer housing (40) so that the electrical contacts (10) can be terminated to wires by using the insulation displacement method of wire termination. The inner housing (20) is then moved to a fully latched position within the outer housing (40). Strain relief member (50) is then slidably mounted on outer housing (40) and includes an abutment flange (55) for ensuring that the inner housing (20) has been fully inserted within outer housing (40). The wires which are terminated to the contacts (10) will extend around an inner wall (53) of the strain relief (50) and will be laced between retainer walls (58) so that strain relief will be provided to the assembly (100).

IPC 1-7

H01R 13/58; **H01R 13/436**

IPC 8 full level

H01R 13/436 (2006.01); **H01R 13/58** (2006.01); **H01R 4/24** (2006.01); **H01R 13/11** (2006.01); **H01R 13/506** (2006.01); **H01R 13/641** (2006.01)

CPC (source: EP)

H01R 13/4365 (2013.01); **H01R 13/5804** (2013.01); **H01R 4/2466** (2013.01); **H01R 13/11** (2013.01); **H01R 13/506** (2013.01); **H01R 13/641** (2013.01)

Citation (search report)

See references of WO 9701875A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 9701875 A1 19970116; EP 0797852 A1 19971001

DOCDB simple family (application)

US 9606747 W 19960508; EP 96915727 A 19960508