

Title (en)
MULTIGAUGE INSULATION DISPLACEMENT CONNECTOR AND CONTACTS THEREFOR

Publication
EP 0101290 B1 19871014 (EN)

Application
EP 83304591 A 19830809

Priority
GB 8222892 A 19820809

Abstract (en)
[origin: EP0101290A2] The connector comprises an insulated housing (50) and contact members (15) housed in recesses (52) therein. Each contact member (15) is formed by U-bending a slotted blank (10) and has aligned insulation displacement slots (13) and a spade terminal receiving slot (14) in its bend. The insulation displacement slots (13) are relatively wide mouthed (as at 17) and taper to a narrow section (23). Tooth-like projections (21) are provided on opposite sides of the entrance to the narrow sections (23) of the slots (13) for piercing the insulation (35a or 35b) of a conductor introduced into these slots. The contact members have protrusions (25) adjacent the narrowed sections (23) of the slots (13) to slightly widen and strengthen the slots (13) and to act to separate the insulation (35a or 35b).

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01)

CPC (source: EP US)
H01R 4/245 (2013.01 - EP US)

Cited by
US6086405A; EP0859430A1; US5997336A; EP0177955A3; FR2574998A1; EP0228750A1; US4701001A; EP2214264A1; WO9813898A1; US8083538B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0101290 A2 19840222; EP 0101290 A3 19860129; EP 0101290 B1 19871014; DE 3374104 D1 19871119; GB 2125638 A 19840307; GB 2125638 B 19851127; GB 8321361 D0 19830907; JP H059905 B2 19930208; JP S5949167 A 19840321

DOCDB simple family (application)
EP 83304591 A 19830809; DE 3374104 T 19830809; GB 8321361 A 19830809; JP 14451983 A 19830809