

Title (en)
INSULATION PIERCING PLUGGING CONTACT

Title (de)
ISOLATIONS DURCHDRINGENDER STECKKONTAKT

Title (fr)
CONTACT ENFICHABLE AUTODENUDANT PAR PERCAGE DE L'ISOLATION

Publication
EP 0901693 B1 20000719 (EN)

Application
EP 97920890 A 19970520

Priority
• GB 9610994 A 19960524
• IB 9700570 W 19970520

Abstract (en)
[origin: WO9745894A1] A contact (2) comprises an IDC section (4) and a plugging contact section (6). Such contacts can be used for interconnecting conducting wires in stackable pluggable modules, for example, as used in the telecommunications industry. The plugging contact section comprises a slot (16) for plugging to a complementary blade of an IDC contact. Pointed tips (22) and strengthening ribs (30) are provided to enable piercing through insulation layers of a conductor terminated to the complementary IDC contact. To provide a particularly effective strengthening rib, but nevertheless effective piercing of the insulation, the outer oblique cutting edge (24) of the piercing section is stepped (36) with respect to a second cutting section (34).

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01)

CPC (source: EP)
H01R 4/242 (2013.01); **H01R 12/616** (2013.01)

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
WO 9745894 A1 19971204; AU 2710297 A 19980105; DE 69702608 D1 20000824; DE 69702608 T2 20010329; EP 0901693 A1 19990317; EP 0901693 B1 20000719; ES 2150245 T3 20001116; GB 9610994 D0 19960731

DOCDB simple family (application)
IB 9700570 W 19970520; AU 2710297 A 19970520; DE 69702608 T 19970520; EP 97920890 A 19970520; ES 97920890 T 19970520; GB 9610994 A 19960524