

Title (en)
Insulation piercing compression connector.

Title (de)
Die Isolation durchstechender Pressverbinder.

Title (fr)
Connecteur à compression perçant l'isolant.

Publication
EP 0147218 A2 19850703 (EN)

Application
EP 84309046 A 19841221

Priority
US 56664783 A 19831229

Abstract (en)
An insulation piercing electrical connector (20) includes a plurality of insulation piercing projections (38) which engage and secure the conductor (14) in compressive electrical contact. The insulation piercing projections (38) extend from resiliently deformable cantilevered contact arms (34) which are deflectable into contact with an insulated wire (14). A plurality of intersecting slots (44) are formed by the insulation piercing projections (38) which compressively secure the conductor (14) therein.

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01); **H01R 11/20** (2006.01)

CPC (source: EP US)
H01R 4/2412 (2013.01 - EP US)

Cited by
US5368580A; CN110994218A; GB2232018A; US5021012A; GB2232018B; DE102006036538A1; GB2289578A; US5648639A; GB2289578B; DE102006036538B4; US9502786B2

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0147218 A2 19850703; EP 0147218 A3 19870715; AU 3708384 A 19850704; AU 557587 B2 19861224; JP S60221977 A 19851106

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EP 84309046 A 19841221; AU 3708384 A 19841221; JP 27497384 A 19841228