

Title (en)
Improved discrete wire insulation displacement connector.

Title (de)
Verbinder für diskrete Kabel mit Isolationsverschiebung.

Title (fr)
Connecteur à déplacement d'isolant pour des câbles discrets.

Publication
EP 0055876 A2 19820714 (EN)

Application
EP 81201330 A 19811204

Priority
US 21332680 A 19801205

Abstract (en)
A discrete wire insulation displacement connector having a terminal (16) including an insulation displacement contact (46) comprising a pair of blades (48) defined by a line of cut (50). The edges of the contact ride in a guide channel in the connector housing (14). The housing (14) includes a pair of opposed sidewalls (18) joined by a pair of opposed spaced webs (40). A tapered access to the connector is defined by at least one flexible prong (24) integrally joined to the upper edge (22) of each of the connector's sidewalls and turned inwardly in opposed relationship. The trailing edges (26) of the prongs (24) cooperate with the upper edges (42) of the webs (40) to create an improved strain relief.

IPC 1-7
H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01); **H01R 13/115** (2006.01); **H01R 13/50** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR)
H01R 4/24 (2013.01 - KR); **H01R 4/242** (2013.01 - EP); **H01R 4/2429** (2013.01 - EP); **H01R 13/50** (2013.01 - EP); **H01R 13/58** (2013.01 - EP)

Cited by
US5641302A; GB2197548A; GB2197548B; WO9408362A1

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

DOCDB simple family (publication)
GB 2089147 A 19820616; BR 8107870 A 19820908; EP 0055876 A2 19820714; EP 0055876 A3 19820804; JP S57121173 A 19820728; KR 830008425 A 19831118

DOCDB simple family (application)
GB 8136492 A 19811203; BR 8107870 A 19811203; EP 81201330 A 19811204; JP 19466381 A 19811204; KR 810004711 A 19811203