

Title (en)  
Electrical connection.

Title (de)  
Elektrische Verbindung.

Title (fr)  
Connexion électrique.

Publication  
**EP 0008827 A1 19800319 (EN)**

Application  
**EP 79200466 A 19790817**

Priority  
• US 5711279 A 19790712  
• US 93538878 A 19780821

Abstract (en)  
An electrical wiring device comprising an insulated flat cable (2) having a plurality of parallel electrical conductors (3) disposed in a plane and encased in a flexible insulation (13) with at least one connector assembly (5) permanently attached for plug-in service is provided. Also provided is a method of making the device in which insulation-piercing interconnecting elements (5) are passed through the insulation (4), have a tight bight (6) of conductor (3) formed outside the insulation (4) and are permanently bonded to tines (9, 10) in each interconnecting elements (5), and the associated parts are enclosed in a dielectric housing (13,20).

IPC 1-7  
**H01R 4/24**; **B23K 26/00**; **H01R 23/66**; **H01R 9/07**

IPC 8 full level  
**H01R 4/24** (2006.01); **H01R 12/67** (2011.01); **H01R 12/70** (2011.01); **H01R 43/02** (2006.01)

CPC (source: EP)  
**H01R 12/675** (2013.01); **H01R 12/77** (2013.01); **H01R 43/02** (2013.01)

Citation (search report)  
• US 3610874 A 19711005 - GAGLIANO FRANCIS PATRICK  
• DE 1920880 A1 19700402 - AMERICAN OPTICAL CORP  
• DE 2736244 A1 19780216 - AMP INC  
• DE 2515250 A1 19761028 - GROTE & HARTMANN  
• US 3820058 A 19740625 - FRIEND L

Cited by  
EP0908967A3; EP0095271A1; EP0045154A1; EP0078750A1; FR2515883A1; EP0614247A3; EP0055876A3

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

DOCDB simple family (publication)  
**EP 0008827 A1 19800319**; **EP 0008827 B1 19820428**; BR 7905336 A 19800520; DE 2962630 D1 19820609; DK 149379 B 19860520; DK 149379 C 19870119; DK 347579 A 19800222; ES 483509 A1 19800901; GB 2030380 A 19800402; GB 2030380 B 19830216; HK 35584 A 19840504; MX 146708 A 19820802; NO 150180 B 19840521; NO 150180 C 19840829; NO 792701 L 19800222; SG 47183 G 19840727

DOCDB simple family (application)  
**EP 79200466 A 19790817**; BR 7905336 A 19790820; DE 2962630 T 19790817; DK 347579 A 19790820; ES 483509 A 19790820; GB 7928936 A 19790820; HK 35584 A 19840426; MX 17899479 A 19790821; NO 792701 A 19790820; SG 47183 A 19830804