

Title (en)
Connector plug having shielding enclosure.

Title (de)
Stecker mit abschirmender Umhüllung.

Title (fr)
Connecteur à broches ayant une enveloppe blindée.

Publication
EP 0125760 A1 19841121 (EN)

Application
EP 84301809 A 19840316

Priority
US 48441083 A 19830413

Abstract (en)
Connector plug (2) installed on the end of a shielded cable (4) has a shielding enclosure (26) in surrounding relationship to the plug housing (14). The shielding enclosure (26) has an internal cable ferrule (36, 38) into which the cable (4) extends. The shielding material (8), which is a metallized film, is reversely folded (48) and has a first section (52) which extends away from the plug housing (14) and is between the internal surface of the cable ferrule (36, 38) and the surface of the sheath (10) on the cable (4). At the outer end of the cable ferrule, the shielding (8) is reversely folded (54) and has a second section (56) which extends over the external surface of the cable ferrule (36, 38). A crimped sleeve (58) is provided in surrounding relationship to the cable ferrule (36, 38) and clamps the shielding (8) to the cable ferrule to secure an electrical connection. The sleeve (58) extends beyond the cable ferrule and is also crimped onto the cable (4) to provide a strain relief.

IPC 1-7
H01R 13/658

IPC 8 full level
H01R 13/648 (2006.01); **H01R 9/03** (2006.01); **H01R 13/658** (2011.01); **H01R 13/627** (2006.01)

CPC (source: EP)
H01R 13/65912 (2020.08); **H01R 13/6592** (2013.01); **H01R 13/627** (2013.01)

Citation (search report)
• [X] US 3992773 A 19761123 - DUFFNER MORRIS V, et al
• [A] EP 0040941 A1 19811202 - AMP INC [US]

Cited by
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