

Title (en)  
Connecting device and method for manufacturing an electrical connection

Title (de)  
Verbindungsvorrichtung und Verfahren zum Herstellen einer elektrischen Verbindung

Title (fr)  
Dispositif de connection et procédé pour réaliser une connection électrique

Publication  
**EP 0859429 A3 19990331 (DE)**

Application  
**EP 98102710 A 19980217**

Priority  
• DE 19706208 A 19970217  
• DE 29714593 U 19970815

Abstract (en)  
[origin: EP0859429A2] The connecting device includes a number of first contact elements (20) of a first conductor (14) led out from a plug piece (18), and a number of wire ends (22) of a second conductor (24) led out from a rigid conductor coating (30), which are aligned with the contact elements to be electrically connected with them. A sheath element (34) from metallic material encloses a connecting area between the wire ends and the contact elements. The sheath element is connected on one end sealingly and unsolvable with the conductor coating, and extends on the other end over the plug piece, whereby a cavity (44) enclosed by the sheath element comprises a heat-shrink, electrically isolating seal mass, at least in the connecting area.

IPC 1-7  
**H01R 4/00**

IPC 8 full level  
**H01R 13/52** (2006.01); **H01R 9/03** (2006.01); **H01R 13/516** (2006.01)

CPC (source: EP)  
**H01R 13/5205** (2013.01); **H01R 13/5216** (2013.01); **H01R 9/03** (2013.01); **H01R 13/516** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)  
• [XA] FR 2537793 A1 19840615 - EUROFARAD [FR]  
• [XA] US 4976796 A 19901211 - FEITZELMAYER ERNST [DE]

Cited by  
DE102009011656A1; EP1139538A1; US9774132B2; WO2015158327A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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