

Title (en)
Connector assembly.

Title (de)
Verbindungszusammenbau.

Title (fr)
Assemblage de connecteur.

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Application
EP 86307269 A 19860922

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Abstract (en)
A connector assembly includes a terminated wire (16), a crimp-type terminal (14) and a two-piece housing assembly of interfitting carrier and cover members (18, 20). The terminal (14) is crimped to the wire (16) in a conventional fashion, presenting a portion (34) (see FIG. 3) of reduced cross section at the crimp engagement with the wire (16) proper. The terminated wire is loaded into channels (50) formed in the carrier member (18). The carrier member includes protrusions (74) received in the reduced cross section of the crimp portion (34). After mounting of the terminals (14), the carrier is telescopically inserted in the sleeve-like cover member (20). An excessive crimp height (HT) (see FIG. 4) prevents the complete reception of the terminal within the carrier channel (50), thereby preventing telescopic insertion of the carrier (18) within the cover member (20). Thus, an excessive crimp height (HT) in the crimp portion (34) of the terminal is visually indicated during connector assembly. In a similar fashion, a rotational misalignment of the terminal (14) with respect to the carrier (18) will also prevent insertion of the carrier (18) within the housing (20). Improved terminal retention against pull-out and push-out forces is provided by the projection (74), upon its insertion in the reduced cross sectional crimp portion (34) of the terminal.

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Cited by
EP0948101A3; GB2261777A; EP0723312A3; FR2651382A1; EP0516028A3; US6562208B2; WO9006603A1

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