

Title (en)
CONNECTION TERMINAL, CABLE ASSEMBLY AND CHARGING SEAT

Title (de)
ANSCHLUSSKLEMME, KABELANORDNUNG UND LADESITZ

Title (fr)
BORNE DE CONNEXION, ENSEMBLE CÂBLE ET SIÈGE DE CHARGE

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Application
EP 23173803 A 20230517

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Abstract (en)
The present invention discloses a connection terminal, a cable assembly, and a charging seat. The connection terminal comprises of: a crimping part (1) which is adapted to be crimped onto a first conductor; and a connection end (2) which is adapted to be electrically connected to a second conductor and is connected to the crimping part (1) to form an integral piece with the crimping part (1). The crimping part (1) comprises of a base part (10); and two splicing parts (11, 12) extending continuously from both sides of the base part (10). When the crimping part (1) is bent to form a cylindrical shape, the two splicing parts (11, 12) are spliced together to form a complete cylindrical shape. A buckle structure (11a, 12a) is formed on the two splicing parts (11, 12) to lock the two together, to ensure that the two splicing parts (11, 12) will not separate when the crimping part (1) is crimped onto the first conductor. In the present invention, the cylindrical crimping part can reduce contact resistance, improve current carrying capacity, and ensure the reliability of mechanical connection, greatly improving the conductivity and mechanical performance of the crimping part.

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• [X] US 2007066148 A1 20070322 - FROSCHL KARL F [AT]
• [X] US 4692122 A 19870908 - MONTALBANO PETER [US]
• [A] DE 102011017071 A1 20121018 - AUTO KABEL MAN GMBH [DE]

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