

Title (en)

Junction device for an electrical system, in particular for automobile applications

Title (de)

Verteilervorrichtung für ein elektrisches System, v.a. für Automobilanwendungen

Title (fr)

Dispositif de jonction d'un système électrique, en particulier pour les applications automobiles

Publication

EP 1931003 B1 20090527 (EN)

Application

EP 06425812 A 20061204

Priority

EP 06425812 A 20061204

Abstract (en)

[origin: EP1931003A1] Described herein is an electrical junction device (1) for an electrical system comprising: a first body (6) and a second body (7), which can be coupled together and define a compartment (8) for housing a portion (9) to be connected up of a cable (3a, 3b, 3c, 3d); the cable (3a, 3b, 3c, 3d) comprises a core (4) and a sheath (5); the first body (6) and the second body (7) define, respectively, a first seat (10a, 10b, 10c, 10d) and a second seat (12a, 12b, 12c, 12d) that can be made to face a junction section (R) of the portion to be connected up (9); the device (1) comprises a first element (14a, 14b, 14c, 14d) and a second element (15a, 15b, 15c, 15d) that can be selectively inserted, respectively, in the first seat (10a, 10b, 10c, 10d) and in the second seat (12a, 12b, 12c, 12d) so that they can be made to face the section (R); the first element (14a, 14b, 14c, 14d) and the second element (15a, 15b, 15c, 15d) can be pressed together to cut the sheath (5) of the portion (9) to be connected up; one (14a, 14b, 14c, 14d) between the first element (14a, 14b, 14c, 14d) and the second element (15a, 15b, 15c, 15d) is made of conductive material, and can be electrically connected to an electrical user device (16) and, once the sheath (5) has been cut, to the core (4) of the cable (3a, 3b, 3c, 3d).

IPC 8 full level

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Cited by

CN109792139A; US9413081B2; WO2015175099A1

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