

Title (en)

INTERCONNECTION ASSEMBLY FOR VEHICLE DEVICES AND METHOD OF INTERCONNECTION

Title (de)

VERBINDUNGSANORDNUNG FÜR FAHRZEUGVORRICHTUNGEN UND VERFAHREN ZUR VERBINDUNG

Title (fr)

ENSEMBLE D'INTERCONNEXION POUR DISPOSITIFS DE VÉHICULE ET PROCÉDÉ D'INTERCONNEXION

Publication

EP 2856572 A1 20150408 (EN)

Application

EP 13723714 A 20130506

Priority

- EP 12305597 A 20120530
- EP 2013059389 W 20130506
- EP 13723714 A 20130506

Abstract (en)

[origin: WO2013178433A1] An interconnection assembly for electrically connecting a vehicle device (300) to a cable or wire. The assembly comprises a device, a terminal attached to a wire and a guiding housing (700). The device internally accommodates a busbar connection (310, 320). The guiding housing (700) guides the terminal through a device opening (390), from an unmated position, in which the terminal is not connected to the busbar connection (310, 320), to a mated position, in which the terminal is electrically connected to the busbar connection (310, 320). The guiding housing (700) may be also used for interconnecting a cable or wire shielding braid (790) to an electroconductive portion of the device housing (312), and/or for accommodating sealing means between the cable or wire and the device housing.

IPC 8 full level

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CPC (source: CN EP KR)

H01R 13/111 (2013.01 - CN KR); **H01R 13/44** (2013.01 - CN KR); **H01R 13/53** (2013.01 - CN); **H01R 13/648** (2013.01 - CN KR); **H01R 24/78** (2013.01 - CN EP KR); **H01R 13/111** (2013.01 - EP); **H01R 13/44** (2013.01 - EP); **H01R 13/53** (2013.01 - EP); **H01R 13/648** (2013.01 - EP); **H01R 2105/00** (2013.01 - CN EP KR); **H01R 2201/10** (2013.01 - EP); **H01R 2201/26** (2013.01 - CN EP KR)

Citation (search report)

See references of WO 2013178433A1

Citation (examination)

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- JP 2006092776 A 20060406 - YAZAKI CORP
- JP 2004146532 A 20040520 - AUTO NETWORK GIJUTSU KENKYUSHO, et al
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Designated extension state (EPC)

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