

Title (en)

VEHICLE ELECTRICAL SYSTEM COMPONENT FOR A DATA TRANSMISSION SYSTEM IN A MOTOR VEHICLE

Title (de)

BORDNETZKOMPONENTE FÜR EIN DATENÜBERTRAGUNGSSYSTEM IN EINEM KRAFTFAHRZEUG

Title (fr)

COMPOSANT DE RÉSEAU DE BORD POUR UN SYSTÈME DE TRANSMISSION DE DONNÉES DANS UN VÉHICULE À MOTEUR

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Application

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Priority

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Abstract (en)

[origin: WO2013060402A1] The invention relates to a vehicle electrical system component (20) for a data transmission system in a motor vehicle, in particular for an Ethernet transmission system, comprising a cable (1) having wires (2-4) and a plug (13) having wire connection contacts (16) for contacting the wires (2-4), wherein the wires (2-4) have an electrical insulation (7), wherein a common shielding (6) is arranged around the wires (2-4) which is enclosed by a common cable sheath (9), wherein the cable (1) has at least three wires (2-4) and an electrically conductive drain wire (5), wherein the drain wire (5) contacts the shielding (6) at least in sections and is contacted to a wire connection contact (16) of the plug (13).

IPC 8 full level

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