Title (en)
DATA LINE AND METHOD FOR PRODUCING THE DATA LINE

Title (de)
DATENLEITUNG SOWIE VERFAHREN ZUR HERSTELLUNG DER DATENLEITUNG

Title (fr)
LIGNE DE DONNÉES ET PROCÉDÉ DE PRODUCTION D'UNE LIGNE DE DONNÉES

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Application
EP 14812416 A 20141121

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Abstract (en)
[origin: WO2015075208A1] The invention relates to a data line (2) which is designed in particular as a coaxial cable and comprises a line core that extends in a line longitudinal direction (14). The line core has at least one conductor (4) surrounded at least by insulation (6) and is surrounded by a multi-layer shielding foil (8), which has a non-conductive layer (16) and a conductive layer (18a, 18b). In an overlap region (12), a free end edge (20) overlaps a further partial region (22), wherein additionally a conductive connection of the conductive layer (18a, 18b) at the end edge (20) to the further partial region (22) is formed such that a transverse current flow perpendicular to the longitudinal direction (14) within the conductive layer (18a, 18b) is enabled. The conductive connection is formed optionally as a conductive strip (24) and/or by a beveled end edge (20). In particular, the data line (2) is a data line (2) shielded exclusively by means of the shielding foil (8). The data line is used in particular in a motor-vehicle electrical system.

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