

Title (en)  
METHOD FOR PRODUCING AN ELECTRICAL LINE, ELECTRICAL LINE, AND VEHICLE ON-BOARD POWER SUPPLY SYSTEM HAVING A CORRESPONDING ELECTRICAL LINE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER ELEKTRISCHEN LEITUNG, ELEKTRISCHE LEITUNG SOWIE KRAFTFAHRZEUG-BORDNETZ MIT EINER ENTSPRECHENDEN ELEKTRISCHEN LEITUNG

Title (fr)  
PROCÉDÉ DE PRODUCTION D'UNE LIGNE ÉLECTRIQUE, LIGNE ÉLECTRIQUE ET RÉSEAU DE BORD DE VÉHICULE AUTOMOBILE COMPRENANT UNE LIGNE ÉLECTRIQUE CORRESPONDANTE

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Application  
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Abstract (en)  
[origin: WO2016012519A1] The invention relates to cables (2) and to a method for producing a corresponding cable (2) having a wire bundle (6) composed of a number of individual wires (10) and having an insulating sheath (8), wherein the wire bundle (6) is guided along a longitudinal centre axis (20) by a shaping element (18) in order to guide and to specify the cross-sectional shape of the wire bundle (6) in a feeding region immediately upstream of an extruder (16), wherein the shaping element (18) rotates about the longitudinal centre axis (20), and wherein the insulating sheath (8) is subsequently applied to the wire bundle (6) by means of the extruder (16).

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Citation (examination)  
• US 4426837 A 19840124 - MEILENNER NORBERT J [CA], et al  
• EP 1191545 A1 20020327 - NEXANS [FR]  
• US 2262716 A 19411111 - FRANZ WOLFER  
• EP 0802701 A2 19971022 - HEIZER GLENWOOD FRANKLIN [CA]  
• US 5831210 A 19981103 - NUGENT STEVEN FLOYD [US]  
• JP S5622008 A 19810302 - FUJIKURA LTD  
• US 2013161855 A1 20130627 - CROUSE GLENN EDWARD [US]  
• US 2002050395 A1 20020502 - KUSUMOTO KATSUHIKO [JP], et al

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