

Title (en)

METHOD FOR THE PRODUCTION OF A POINT THAT IS TO BE KEPT FREE OF AN INSULATION, AND STRIPPING AGENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VON EINER ISOLIERUNG FREIZUHALTENDEN STELLE EINES ISOLIERTEN LEITERS UND TRENNMITTEL

Title (fr)

PROCEDE DE PRODUCTION D'UN EMPLACEMENT DE CONDUCTEUR ELECTRIQUE DEVANT ETRE DEPOURVU D'UNE ISOLATION, ET AGENT SEPARATEUR

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Application

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Abstract (en)

[origin: WO2006048434A1] The invention relates to a method for producing an electric conductor comprising an insulation and at least one point that is to be kept free of said insulation. According to said method, the conductor, including the points that are to be kept free, is initially surrounded by a liquid, electrically non-conducting bonding agent, above all an epoxy resin, which forms the insulation after solidifying. The conductor can also be composed of several individual wires, particularly a transposed conductor, said individual conductors being electrically isolated relative to each other and being interconnected, especially glued together, by means of the bonding agent. Using a liquid stripping agent that is based on a polyvinyl alcohol or a long-chain hydrocarbon mixture and a polysaccharide filler on the point of the conductor which is to be kept free of the insulation locally prevents the bonding agent from bonding to the conductor or the individual conductors of the transposed conductor from being interconnected by means of the unsolidified mixture. Once the entire bonding agent is hard and thus the bonding agent/stripping agent mixture has solidified, the bonding agent/stripping agent mixture can easily be removed in a mechanical manner from the treated points of the conductor.

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