

Title (en)

METHOD AND DEVICE FOR DETECTING GROUND FAULTS IN A SUPPLY CABLE

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ERDSCHLUSSERFASSUNG IN EINEM VERSORGUNGSKABEL

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTECTER UNE MISE À LA TERRE D'UN CÂBLE D'ALIMENTATION

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Application

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Abstract (en)

[origin: WO2007090791A2] The invention relates to a method for detecting a ground fault of a multi-strand energy supply cable (3) carrying alternative current. The method consists in determining an average potential of the energy supply cable, entering the average potential or a variable derived from said average potential into an evaluation unit (7) and comparing the average potential or the variable derived from the average potential with a threshold value by means of said evaluation unit (7). The aim of the invention is to provide a method allowing the detection of grounding faults in a reliable and less expensive manner. To achieve this, the method is designed in such a way that a grounding fault is indicated once the value falls below the threshold.

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