

Title (en)

METHOD AND DEVICE FOR DETECTING THE LOCATION OF FAULTS IN INSULATED CONDUIT SYSTEMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DETEKTION VON FEHLERSTELLEN IN ISOLIERTEN LEITUNGSSYSTEMEN

Title (fr)

PROCEDE ET DISPOSITIF POUR DETECTER DES ENDROITS DEFECTUEUX DANS DES SYSTEMES DE CONDUITES ISOLEES

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Application

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Abstract (en)

[origin: WO02082034A2] The invention relates to a method for detecting the location of faults in a conduit system that is provided with a jacket, at least one wire that runs in a longitudinal direction in relation to the conduit system being located in said jacket at a distance from the conduit system. The invention is characterised in that an alternating current is supplied to the conduit system and the wire or the two or more wires which run at a distance from one another, that the magnetic field generated by the alternating current through the conduit system, or by the wire or wires is detected in a locally resolved manner along the conduit system and that a magnetic field evaluation is carried out based on the detected magnetic field, said evaluation being used to detect the location of faults.

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