

Title (en)
METHOD AND DEVICE FOR DETECTION OF A LOOSE CONNECTION

Title (de)
VERFAHREN UND EINRICHTUNG ZUR DETEKTION EINER LOSEN VERBINDUNG

Title (fr)
DISPOSITIF ET MÉTHODE DE DÉTECTION D'UNE CONNEXION ÉLECTRIQUE DÉFECTUEUSE

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Application
EP 07817950 A 20071023

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Abstract (en)
[origin: WO2008049436A1] Device and method for detecting a loose electrical connection, particularly a loose connection in an electric installation. The device comprising a microprocessor (29); and at least one detection means being provided for detecting a high frequency pulse in the current in at least one phase (LI L2, L3). The detection means comprising an inductance (2, 3, 4; 2', 3', 4') located in the at least one phase (LI L2, L3) so that it forms an interface between a user side and a supply side. The detection means comprising a first detector located on the user side and a second detector located on the supply side, as well as a comparing means (19) for delivering a detection signal to the microprocessor (29) based on detector signals from the first detector and the second detector. The microprocessor (29), according to the method, being programmed to evaluate a number of successive detection signals.

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