

Title (en)

METHOD FOR LOCATING PARTIAL DISCHARGES IN AN ELECTRICAL APPARATUS, SYSTEM FOR LOCATING PARTIAL DISCHARGES AND COUPLING HOUSING

Title (de)

VERFAHREN ZUR ORTUNG VON TEILENTLADUNGEN IN EINER ELEKTRISCHEN VORRICHTUNG, SYSTEM ZUR ORTUNG VON TEILENTLADUNGEN UND KOPPELGEHÄUSE

Title (fr)

PROCÉDÉ DE LOCALISATION DE DÉCHARGES PARTIELLES DANS UN APPAREILLAGE ÉLECTRIQUE, SYSTÈME DE LOCALISATION DE DÉCHARGES PARTIELLES ET BOITIER DE COUPLAGE

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Abstract (en)

[origin: WO2017042261A1] The invention relates to a method for locating a partial discharge in a high-voltage electrical apparatus (10) insulated by a dielectric fluid comprising at least one first and one second UHF sensor (11, 12). The method comprises the following steps: E1 recovering a first and a second signal, separating each of the first and second signals into at least two representative signals, combining the representative signals, calculating an interference function from the representative signals in the frequency range, and determining the location of the partial discharge from the calculated interference function. The invention further relates to a system for locating a partial discharge and a coupling housing occupying such a system.

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