

Title (en)

DEVICE AND METHOD FOR MEASURING OPERATING TEMPERATURES OF AN ELECTRICAL COMPONENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM MESSEN VON BETRIEBSTEMPERATUREN EINES ELEKTRISCHEN BAUTEILS

Title (fr)

PROCEDE ET DISPOSITIF POUR MESURER LES TEMPERATURES DE FONCTIONNEMENT D'UN COMPOSANT ELECTRIQUE

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Application

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Abstract (en)

[origin: WO03005442A2] The invention relates to a device and method for measuring operating temperatures T_j of a component, particularly transient temperatures T_j in the breakdown region of the component (2) during a breakdown operation. A measuring device, which measures the breakdown voltage U_d and the breakdown current I of the component (2) at a specified time t_i during the breakdown operation, enables the component temperature T_j at time t_i to be determined by comparing measurement data with previously recorded reference measurement data.

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