Title (en)

MEASURING APPARATUS FOR RECORDING THE TEMPERATURE OF A STATOR WINDING

Title (de)

MESSVORRICHTUNG ZUR TEMPERATURERFASSUNG EINER STATORWICKLUNG

Title (fr)

DISPOSITIF DE MESURE POUR DÉTECTER LA TEMPÉRATURE D'UN ENROULEMENT DE STATOR

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Application

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Abstract (en)

[origin: WO2016169770A1] The present invention relates to a measuring apparatus (10) for recording the temperature of a stator winding (120) of an electric machine, having a temperature sensor (20) with a sensor head (22) for recording a temperature of the stator winding (120), wherein the sensor head (22) is embedded in a main body (30) and is extrusion-coated by the material of the main body (30). The present invention also relates to a system (100) for recording the temperature of a stator winding (120) of an electric machine, having the measuring apparatus (10) according to the invention, wherein the main body (30) is arranged, at least in sections, in a form-fitting manner in an opening (112) of a housing (110) of the electric machine and on the stator winding (120). The measuring apparatus according to the invention and the system can be used to record the temperature of a stator winding of an electric machine in a particularly simple, cost-effective and reliable manner.

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