

Title (en)

A METHOD OF REPAIRING A WINDING SYSTEM INCLUDING SPLICING A HIGH-VOLTAGE CABLE

Title (de)

VERFAHREN ZUM REPARIEREN EINER WICKELVORRICHTUNG, EINSCHLIESSLICH DES VERBINDENSEINES HOCHSPANNUNGSKABELS

Title (fr)

PROCEDE DE REPARATION D'UN SYSTEME D'ENROULEMENT, COMPRENANT L'EPISSAGE D'UN CABLE HAUTE TENSION

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Application

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Abstract (en)

[origin: WO9929016A1] The present invention relates to a method of repairing a winding system in a rotary electric machine for high voltages, which machine is designed for direct connection to a distribution or transmission network and comprises a stator (20), a rotor and windings (30) included in the winding system. The windings (30) comprise high-voltage cables that substantially contain the electric field in the windings (30). The method comprises the step of, in the event of damage to the high-voltage cable, splicing the high-voltage cable in such a manner that at least one part of at least one original coil-end bend is converted to at least one substantially straight portion after the splicing, wherein at least one join is arranged outside the original coil-end bundle, which splicing is performed without dismantling the rotary electric machine.

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