

Title (en)
A ROTATING ELECTRIC MACHINE AND A METHOD OF MANUFACTURING THE SAME

Title (de)
ROTIERENDE ELEKTRISCHE MASCHINE UND IHRE HERSTELLUNGSVERFAHREN

Title (fr)
GENERATEUR ELECTRIQUE ROTATIF ET PROCEDE DE FABRICATION CORRESPONDANT

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Application
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Abstract (en)
[origin: WO9745934A1] The invention relates to a rotating electric high-voltage machine, the stator winding of which comprises high-voltage cables (6) arranged in radial slots (5) in the core of the stator (1). The machine is designed for direct connection to a power network without intermediate transformers. According to the invention the slots (5) are provided with a lining (12) of thermoformable material such as aramid fibre and have a profile conforming with the profile of the slot (5). The lining (12) enables a high-voltage cable (6) with an outer surface of a semiconducting layer (34) to be inserted in the slots without risk of being damaged.

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