

Title (en)  
A STATOR AND A METHOD FOR MANUFACTURING THE SAME

Title (de)  
STÄNDER UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)  
STATOR ET PROCEDE DE FABRICATION

Publication  
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Application  
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Abstract (en)  
[origin: WO9834329A1] The present invention relates to a stator (20) in a rotating electric machine, a method for manufacturing a stator (20) for a rotating electric machine, and a rotating electric machine incorporating a stator (20) of the type described. The rotating electric machine is provided with windings (30) drawn through slots in the stator (20). The stator (20) is composed of a stator body (22), a stator core (24) comprising stator teeth (26) extending radially inwards from an outer yoke portion (28). The stator core (24) consists of a number of pack (38), each of which includes a number of metal sheets, or of a number of metal sheets (38), each pack (38) or metal sheet (38) being stacked on top of and partially overlapping each other, said packs (38) or metal sheets (38) being secured radially by means of wedge members (110) arranged at the stator body (22). The packs (38) or metal sheets (38) are secured axially by means of hot-setting adhesive members (90; 96) arranged between them, and the windings (30) consist of high-voltage cable (10).

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