

Title (en)
YOKE STRUCTURE FOR THE LAMINATION CORE OF A STATIC ELECTRICAL MACHINE, COMPOSED OF UNWELDED CUT-TO MEASURE MEMBERS

Title (de)
JOCHSTRUKTUR FÜR DEN LAMINATIONSKERN EINER STATISCHEN ELEKTRISCHEN MASCHINE AUS UNGESCHWEISSTEN ZURECHTGESCHNITTENEN MASSGLIEDERN

Title (fr)
STRUCTURE DE BÂTI DESTINÉE AU NOYAU STRATIFIÉ D'UNE MACHINE À ÉLECTRICITÉ STATIQUE, COMPOSÉE D'ÉLÉMENTS COUPÉS SUR MESURE NON SOUDÉS

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Application
EP 05802418 A 20050927

Priority
IT 2005000554 W 20050927

Abstract (en)
[origin: WO2007036956A1] A yoke structure for supporting and compressing the magnetic lamination core (32) of a static electrical machine, comprises at least four stress traverses (1-2, 34) tightened in pairs over the top branch and over the bottom branch of a lamination pack (32). Each stress traverse (1, 2, 3, 4) is composed of at least two tubular members (9) of rectangular cross section, parallel and spaced from one another and joined together by a plurality of brackets (11) having side wings with apertures to slidably receive there through the tubular members (9). At least two pairs of brackets (11) constitute supporting and blocking brackets for the resin body (29) encapsulating the windings of the electrical machine. The two outermost brackets (11) of each stress traverses (1, 2, 3, 4) receive their said wings stress washers (12) for tie rods (5, 6, 7, 8) used to tighten the stress traverses.

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