Title (en)

METHOD FOR MAKING STATORS OF POLYPHASE ROTATING ELECTRICAL MACHINES, STATORS OBTAINED BY SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG VON STATOREN VON ROTIERENDEN ELEKTRISCHEN POLYPHASENMASCHINEN, DURCH DAS VERFAHREN ERHALTENE STATOREN

Title (fr)

PROCEDE DE FABRICATION DE STATORS DE MACHINES ELECTRIQUES TOURNANTES POLYPHASEES, STATORS OBTENUS PAR CE PROCEDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006067298A1] The invention concerns a method for making a polyphase rotating electrical machine stator (1), comprising an assembly of plates (10), slots (30), and a corrugated coil (6) including a plurality of phase windings (70) each formed with at least one continuous electrically conductive wire (60) configured in successive recesses comprising a plurality of branches (71) extending in a series of slots (30) and a plurality of linking segments (72) connecting the branches (71). The invention is characterized in that the method includes at least one first step during which the wires (60) of the phase windings (70) are arranged simultaneously on a dummy rotor (80) and are during that same process configured into recesses, and a second step during which the dummy rotor is used for transferring the coil into the assembly of plates (10) or for forming the stator (1).

IPC 8 full level

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