

Title (en)

MANUFACTURING PROCESS OF TOOTH TIP DEFORMATION OF DYNAMO-ELECTRIC MACHINE STATOR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER ZAHNSPITZENVERFORMUNG VON STATOREN DYNAMOELEKTRISCHER MASCHINEN

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉFORMATION DE RAINURES DE STATOR DE MACHINE DYNAMO-ÉLECTRIQUE

Publication

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Application

EP 13766882 A 20130830

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Abstract (en)

[origin: WO2014032153A2] The present invention relates to a method and a system of deformation of grooves of blades of stator of dynamo-electric type machines stator capable to promote a suitable opening of the housing channels (2) of the electrical conductors. More particularly, the present invention relates to a process and a system which comprise advance rods (7) radially distributed around said blade (1) and aligned with respective grooves formed between side flaps (5) of adjacent shoes (4), wherein the end of said advance rod (7) has a configuration appropriate for interacting with a respective rocker (8) pivoted in an articulating pin (8'), each one being provided with a deformation puncture (9) that causes the opening of the housing channels (2) of the electrical conductors; and at least one return disc (10) for driving said rockers (8) together with said punctures (9) to the initial position.

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