

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

**EP 2891227 A2 20150708 (EN)**

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.

IPC 8 full level

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