

Title (en)

METHOD AND SYSTEM FOR DEFORMING SLOTS AND TOOTH TIPS OF A DYNAMO-ELECTRIC MACHINE STATOR

Title (de)

VERFAHREN UND SYSTEM ZUM VERFORMEN VON SCHLITZEN UND ZAHNSPITZEN EINER DYNAMOELEKTRISCHEN MASCHINE

Title (fr)

METHODE ET SYSTÈME DE DÉFORMATION DES POINTS DE DENTS ET DES ENCOCHES D'UN STATOR D'UNE MACHINE DYNAMO-ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2014032148A2] The present invention refers to a process and a system for deforming the slots of stator blades of dynamo-electric machines which are capable of promoting an appropriate opening for the accommodating channels (2) of the electrical conductors. More particularly, the present invention refers to a process and a system which comprise a set of extending wedges (7) that are radially distributed around said blade (1) and aligned with the corresponding slots formed by the side flaps (5) of adjacent teeth (4), wherein the end of each extending wedge (7) has a profile to interface with a corresponding linear slide (8), each of them being provided with a deforming punch element (9) which causes the opening of the accommodating channels (2) of the electrical conductors; and at least a set of returning rods (10) to conduct said linear slides (8) to their initial position.

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