

Title (en)

DEVICE AND METHOD FOR ALIGNING A HAIRPIN WINDING

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUSRICHTUNG EINER HAIRPINWICKLUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR ORIENTER UN ENROULEMENT EN ÉPINGLE À CHEVEUX

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Application

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Abstract (en)

[origin: WO2019201732A1] The present invention relates to a device and to a method for aligning the contact ends of hairpins of a hairpin winding, wherein the contact ends of the hairpin winding are arranged in double layers extending in the circumferential direction in a number of radially running rows, said number corresponding to a number of grooves, wherein at least two double layers are present, and wherein two contact ends, which are adjacent to one another in a double layer of a row, form a contact pair. The invention is characterized in that a gripper is provided, in that the gripper has at least one side part, in that the gripper has a dividing wall which is connected to the side part and extends at least partially tangentially between the contact pairs in order to engage the contact pair in a form-fitting manner, and in that at least one actuation is provided, by which the gripper can be moved radially in order to deform the at least one contact pair in the radial direction.

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