

Title (en)

DEVICE AND METHOD FOR PROCESSING AT LEAST ONE CONDUCTOR SEGMENT OF A WINDING SUPPORT OF AN ELECTRIC MACHINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEARBEITEN MINDESTENS EINES LEITERSEGMENTS EINES WICKLUNGSTRÄGERS EINER ELEKTRISCHEN MASCHINE

Title (fr)

DISPOSITIF ET PROCÉDÉ D'USINAGE D'AU MOINS UN SEGMENT CONDUCTEUR D'UN SUPPORT DE BOBINAGE D'UNE MACHINE ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2018233988A1] The invention relates to a device (1) and to a method (100) for processing at least one conductor segment (2), in particular at least one winding rod, of a winding support (3) of an electric machine. The device has at least one holding crown (4). A method (100) and a device (1) for processing conductor segments of a winding support of an electric machine, by means of which the conductor segments (2), in particular winding rods, are deformable with very high accuracy, are implemented in that the holding crown (4) has at least one actuator wedge (5) and at least one adjusting wedge (6), in that the actuator wedge (5) has at least one actuator face (7) and the actuating wedge (6) has at least one actuating face (8), in that the actuator wedge (5) is movably held in such a way that at least part of the actuator face (7) slides along on the adjusting face (8) during the movement of the actuator wedge (5), in that, as a result of the actuator face (7) sliding along on the adjusting face (8), at least the actuating wedge (6) is displaced in an actuating direction, and in that, with the displacement of the actuating wedge (6), a deformation of at least one end section (9) of a conductor segment (2) can be achieved. The method is distinguished in that the at least one end section (9) of at least one conductor segment (2) is deformed by interaction of at least one actuator wedge (5) with at least one adjusting wedge (6).

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