

Title (en)
METHOD FOR PRODUCING A SKEWED STATOR

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES GESCHRÄGTEN STATORS

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN STATOR INCLINÉ

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Application
EP 21783420 A 20210921

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Abstract (en)
[origin: WO2022069289A1] The invention relates to a method for producing a skewed stator (103) which has a stator winding composed of shaped conductors (7), comprising the following steps: - providing a stator core (1) which comprises a plurality of grooves (2) which extend from a first end face (3) of the stator core (1) to an opposing second end face (4) of the stator core (1) and have a skew in the circumferential direction, - providing at least one arrangement (10) having at least one shaped conductor (7), which has two straight leg portions (8) oriented parallel to one another and a connecting portion (9) connecting the two leg portions (8), - introducing the arrangement (10), the shaped conductor of which comprises the straight leg portions (8), into the stator core (1), which is located on the first end face (3) and has skewed grooves (2), by means of a relative movement in the axial direction between the stator core (1) and the arrangement (10), so that the leg portions (8) of the at least one shaped conductor (7) are bent as a result of the relative movement in such a way that the shape of the leg portions (8) introduced into the stator core (1) acquires a skew which corresponds to the skew of the grooves (2).

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