

Title (en)
WINDING SCHEME FOR AN ELECTRIC MACHINE

Title (de)
WICKELSCHEMA FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)
SCHÉMA D'ENROULEMENT POUR UNE MACHINE ÉLECTRIQUE

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Application
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Abstract (en)
[origin: WO2019170350A1] The invention relates to a wave winding for an electric machine, wherein the wave winding has a number of holes of at least two, wherein at least three different variants of hairpins (6, 6', 6'') are provided, wherein in a first variant of the hairpins (6) the turning region between the conductor elements has the standard winding pitch, in a second variant of the hairpins (6') the turning region has a second winding pitch which is greater than the standard winding pitch by a whole-numbered value x, and in a third variant of the hairpins (6'') the turning region has a third winding pitch which is smaller than the standard winding pitch by a whole-numbered value, and in all three variants the contact regions are each shaped in the opposite direction to the turning region by half the standard winding pitch, in order to achieve the standard winding pitch between connected conductor elements of neighbouring hairpins (6, 6', 6''). The invention also relates to an electric machine and a stator (1) having a wave winding of this type.

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