

Title (en)
METHOD FOR MANUFACTURING LOOPS FOR A MAGNETIC CIRCUIT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON SCHLEIFEN FÜR EINEN MAGNETKREIS

Title (fr)
PROCÉDÉ DE FABRICATION DE BOUCLES POUR CIRCUIT MAGNÉTIQUE

Publication
EP 4182958 B1 20240306 (FR)

Application
EP 21746528 A 20210708

Priority
• FR 2007578 A 20200720
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Abstract (en)
[origin: WO2022018344A1] A method for manufacturing magnetic circuit loops for a multi-phase transformer from a magnetic strip, the method comprising the steps of: a) providing a magnetic strip of constant width in the form of a roll wound around a first circular mandrel and extending along a longitudinal axis; b) producing a first and a second half-roll by cutting the roll into sections, the two half-rolls having a longitudinal axis each comprising a respective boundary surface which is formed once it is separated from the other half-roll, the roll being cut slantwise at an angle θ relative to the longitudinal axis, such that the first half-roll constitutes a first loop having its boundary surface outwardly oriented relative to its longitudinal axis, while the boundary surface of the second half-roll is oriented opposite to the boundary surface of the first half-roll; c) aligning the first and second half-rolls to form two loops, including at least one sub-step of reversely unwinding and rewinding the second half-roll on a mandrel.

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