

Title (en)
TRANSFORMER CORE

Title (de)
TRANSFORMATORKERN

Title (fr)
NOYAU DE TRANSFORMATEUR

Publication
EP 2260494 A1 20101215 (DE)

Application
EP 08735299 A 20080410

Priority
EP 2008003074 W 20080410

Abstract (en)
[origin: WO2009124574A1] The invention relates to a method for producing a transformer core, wherein the transformer core comprises layers of core metal sheets and at least one core metal sheet is formed of at least two metal sheet segments. An end region of the first metal sheet segment has a straight cutting edge, wherein the straight cutting edge of the first metal sheet segment together with a corresponding straight cutting edge of an end region of the second metal sheet segment positively forms a straight bordering and the straight bordering has an angle relative to the longitudinal direction of the end region of one of the metal sheet segments of the first core metal sheet. By using core metal sheets having different angular orientations of the borderings, magnetic losses such as those occurring when using conventional layering techniques can be avoided. At the same time, the intermediate space created by the conventional layering techniques between the individual core metal sheet packs can be minimized, and thereby likewise the susceptibility to corrosion can be reduced or completely avoided.

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H01F 3/02 (2006.01)

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H01F 3/02 (2013.01 - EP US); **H01F 27/263** (2013.01 - EP US); **Y10T 29/4902** (2015.01 - EP US)

Citation (search report)
See references of WO 2009124574A1

Cited by
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