

Title (en)
ELECTRICAL WINDING TRANSFORMER

Title (de)
ELEKTRISCHER WICKLUNGSTRANSFORMATOR

Title (fr)
TRANSFORMATEUR ÉLECTRIQUE À ENROULEMENTS

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Application
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Abstract (en)
[origin: WO2017167699A1] The invention relates to an electrical transformer (T, T') comprising: a primary central winding (11a) extending around an axis (X) and configured to generate a central magnetic flux when a current is passed through it circulating in a first direction around the axis (X), two peripheral primary windings (12a, 13a) extending around the axis (X), between which the central primary winding (11a) is located, and configured to generate peripheral magnetic fluxes when currents are passed through same respectively circulating in a second direction around the axis (X) which is opposite to the first direction, the peripheral magnetic fluxes superimposing on the central magnetic flux, wherein the windings are further configured in such a way that the peripheral magnetic fluxes compensate the central magnetic flux in the regions located beyond the peripheral windings.

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