

Title (en)

TRANSFORMER WITH DIVIDED PRIMARY WINDING USED IN A BLOCKING-OSCILLATOR SUPPLY CIRCUIT

Title (de)

TRANSFORMATOR MIT AUFGETEILTER PRIMÄRWICKLUNG IN EINER SPERRWANDLER-VERSORGUNGSSCHALTUNG

Title (fr)

TRANSFORMATEUR A ENROULEMENT PRIMAIRE DIVISE, UTILISE DANS UN CIRCUIT D'ALIMENTATION A CONVERTISSEUR A OSCILLATEUR BLOQUE

Publication

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Application

EP 96934427 A 19960919

Priority

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- DE 19545304 A 19951205

Abstract (en)

[origin: DE19545304A1] The invention concerns a transformer (100) with a divided primary winding (P1a-c) for use in a blocking-oscillator supply circuit, the transformer having a secondary winding (S1) disposed between the parts of the primary winding, a magnetic core having an air gap (102) and, surrounding the core, a former on which the individual windings are wound. The transformer also has a row of connection pins to which the windings are connected. The transformer is designed in such a way that the primary winding is divided into at least three part-windings (P1a-c). That secondary winding which carries the most power for the longest time is divided into at least two part-windings (S1a, S1b). The part-windings of this secondary winding (S1) are each surrounded by two of the at least three part-windings of the primary winding on the former. One or more additional secondary windings (S2) may be located outside the composite winding (101) made up of the part-windings of the primary winding and the secondary winding carrying the most power.

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