

Title (en)
HIGH-VOLTAGE TRANSFORMER

Title (de)
HOCHSPANNUNGSTRANSFORMATOR FÜR EINEN FERNSEHEMPFÄNGER

Title (fr)
TRANSFORMATEUR H.T. POUR POSTES RECEPTEURS DE TELEVISION

Publication
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Application
EP 91920765 A 19911203

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Abstract (en)
[origin: WO9210906A1] In high-voltage transformers, in particular diode split-transformers, it is generally necessary to reduce as much as possible the size of the arrangement as a whole, for cost and weight reasons. The heat losses during operation of such a high-voltage transformer must further be reduced to such an extent that the temperature rise of the transformer does not enter a temperature range in which other parts of the circuitry of a television receiver are damaged or negatively affected. The object of the invention is to reduce losses in a high-voltage transformer, in particular to minimize electric losses. For that purpose, a practically field-free space is arranged between the primary coil and the high-voltage coil of a high-voltage transformer of the above-mentioned type. The invention has applications in television receivers, in particular high-definition receivers of HDTV standard.

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