

Title (en)
ISOLATING TRANSFORMER

Title (de)
SPERRWANDLER

Title (fr)
CONVERTISSEUR A OSCILLATEUR BLOQUE

Publication
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Application
EP 99973191 A 19991202

Priority
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Abstract (en)
[origin: WO0033450A1] The invention relates to an isolating transformer comprising a transformer (Tr), a primary winding (Wp) and at least one secondary winding (Ws), the primary winding being connected in series with a controlled switch (Sp) to an input voltage (Up) and a rectifier element (FET) and charge capacitor (Cs) being positioned downstream of the secondary winding. The rectifier element is configured as a field effect transistor (FET) which can be controlled via a control transistor (Ts). The gate is connected to a load resistance (Rgs) of the transistor and the load resistance is connected in series with the collector-emitter circuit of the transistor to a secondary voltage of the transformer.

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