

Title (en)
BLOCKING OSCILLATOR TYPE CONVERTER

Title (de)
SPERRWANDLER

Title (fr)
CONVERTISSEUR À OSCILLATEUR BLOQUÉ

Publication
EP 2218167 A1 20100818 (DE)

Application
EP 08856689 A 20081114

Priority
• EP 2008009643 W 20081114
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Abstract (en)
[origin: WO2009071173A1] According to the invention, a blocking oscillator type converter circuit functions with a transformer that only comprises a primary winding and a secondary winding. Said transformer does not comprise a return coupling winding for the blocking oscillator. The control voltage for the oscillator is derived from the primary voltage of the transformer during the free-wheeling phase. The invention also relates to a voltage monitoring circuit that works independently from the oscillator, the output voltage of the oscillator being suppressed when the voltage on the output of the blocking oscillator is too high. A power monitoring circuit functions independently from the oscillator and the voltage monitoring circuit and suppresses the impulses for the power transistor when the flow on the output side exceeds a predetermined measurement.

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