

Title (en)  
SELF-EXCITING STEP-UP CONVERTER

Title (de)  
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Title (fr)  
TRANSFORMATEUR ELEVATEUR DE TENSION AUTO-EXCITE

Publication  
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Application  
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Abstract (en)  
[origin: CA2605172A1] The invention relates to an electronic ballast comprising a step-up converter, which comprises a storage inductor, a diode, an intermediate circuit condenser and a switch element. According to said invention, a current passing through the storage inductor is used in the form of an indicator of turnon and turnoff times of the step-up converter oscillates in a self-exciting manner.

IPC 8 full level  
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**H02M 3/156** (2013.01 - EP US); **H05B 41/2821** (2013.01 - EP US); **Y02B 20/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006111121A1

Citation (examination)  
FALIN J: "The TPS61042 as a Standard Boost Converter", TEXAS INSTRUMENTS APPLICATION REPORT, XX, XX, 1 January 2004 (2004-01-01), pages 1 - 6, XP002393186

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