

Title (en)
SELF-EXCITING STEP-UP CONVERTER

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

Publication
EP 1872628 A1 20080102 (DE)

Application
EP 06722660 A 20060322

Priority
• DE 2006000507 W 20060322
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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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CPC (source: EP US)
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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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DE FR GB HU IT

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DE 102005018794 A 20050422; CA 2605172 A 20060322; CN 200680013418 A 20060322; DE 2006000507 W 20060322; EP 06722660 A 20060322; US 91894506 A 20060322