

Title (en)  
Circuit for operating electric lamps

Title (de)  
Schaltungsanordnung zum Betrieb elektrischer Lampen

Title (fr)  
Circuit pour alimenter des lampes électriques

Publication  
**EP 0800335 B1 20021127 (DE)**

Application  
**EP 97104699 A 19970319**

Priority  
DE 19613149 A 19960403

Abstract (en)  
[origin: EP0800335A2] The circuit has a converter with two alternately switching converter transistors (Q1,Q2), first and second auxiliary transistors (T1,T2) in the control circuits for the first and second converter transistors respectively and a resonant load circuit connected to the converter output (M) and contg. at least one lamp (LP). The emitter or source resistance of the first and second converter transistor is a parallel circuit contg. at least one Ohmic resistor (R5,R7) and the control path of the first and second auxiliary transistor (T1,T2) respectively. The control inputs of both auxiliary transistors are connected to the output of a common control circuit (IC).

IPC 1-7  
**H05B 41/292**; H05B 41/38

IPC 8 full level  
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CPC (source: EP US)  
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**EP 97104699 A 19970319**; CA 2201537 A 19970402; DE 19613149 A 19960403; DE 59708791 T 19970319; US 82898397 A 19970331