

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
H05B 41/282 (2006.01); **H05B 41/292** (2006.01); **H05B 41/38** (2006.01)

CPC (source: EP US)
H05B 41/2825 (2013.01 - EP US); **Y10S 315/05** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Designated contracting state (EPC)
BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0800335 A2 19971008; **EP 0800335 A3 19990506**; **EP 0800335 B1 20021127**; CA 2201537 A1 19971003; CA 2201537 C 20040914; DE 19613149 A1 19971009; DE 59708791 D1 20030109; US 5831396 A 19981103

DOCDB simple family (application)
EP 97104699 A 19970319; CA 2201537 A 19970402; DE 19613149 A 19960403; DE 59708791 T 19970319; US 82898397 A 19970331