

Title (en)

Switching circuit for operating a discharge lamp

Title (de)

Getaktetes Schaltnetzteil für den Betrieb einer Entladungslampe

Title (fr)

Hacheur pour alimenter une lampe à décharge

Publication

EP 0485866 B1 19960131 (DE)

Application

EP 91118851 A 19911105

Priority

DE 9015674 U 19901115

Abstract (en)

[origin: EP0485866A1] The invention relates to a pulsed switched mode power supply, using pulse-width modulation, for operating a discharge lamp (L) using a starting circuit (Z). In parallel with the capacitor (CA) on the output side, the switched mode power supply has an RC element (R, CR) which is used as a starting aid for the lamp (L). An NTC thermistor (H) may also be used instead of the RC element (R, CR). <IMAGE>

IPC 1-7

H05B 41/38

IPC 8 full level

H02M 3/155 (2006.01); **H05B 41/282** (2006.01); **H05B 41/288** (2006.01); **H05B 41/38** (2006.01)

CPC (source: EP KR US)

H05B 41/24 (2013.01 - KR); **H05B 41/2882** (2013.01 - EP US); **H05B 41/388** (2013.01 - EP US); **Y10S 315/07** (2013.01 - EP US)

Cited by

EP0629104A3; EP0967843A3; FR2775155A1; FR2693074A1; FR2698515A1; US6191540B1; WO9407345A1; WO9941956A1; WO9721329A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0485866 A1 19920520; **EP 0485866 B1 19960131**; DE 59107339 D1 19960314; DE 9015674 U1 19920312; JP H0499697 U 19920828; KR 0120598 Y1 19981001; KR 920010795 U 19920617; US 5343125 A 19940830

DOCDB simple family (application)

EP 91118851 A 19911105; DE 59107339 T 19911105; DE 9015674 U 19901115; JP 10179591 U 19911113; KR 910019380 U 19911114; US 78650291 A 19911101