

Title (en)  
Lamp lighting control circuit

Title (de)  
Beleuchtungssteuerungsschaltung für eine Lampe

Title (fr)  
Circuit de commande d'éclairage d'une lampe

Publication  
**EP 1087643 A2 20010328 (EN)**

Application  
**EP 00203262 A 20000920**

Priority  
JP 26844899 A 19990922

Abstract (en)  
In a lamp lighting control circuit according to claim 1 for lighting a lamp (5) with an AC voltage output from an electric generator (2) which rotates in conjunction with an engine, a switching device (SCR2) is connected between the electric generator (2) and the lamp (5) and the switching device (SCR2) is turned on after a delay (Td) from a point of time (T1) when either one of positive and negative half-waves of said AC voltage begins to be generated from said electric generator (2). Preferably, the control circuit may further comprise a lamp effective voltage monitoring circuit (7a) for monitoring an effective voltage of the lamp (5), wherein said lamp effective voltage monitoring circuit (7a) prevents the turning on of the thyristor when it detects an overvoltage of said lamp (5). <IMAGE>

IPC 8 full level  
**H02M 7/12** (2006.01); **H05B 37/02** (2006.01); **H05B 39/00** (2006.01); **H05B 39/04** (2006.01); **H05B 39/08** (2006.01)

CPC (source: EP)  
**H05B 39/00** (2013.01); **H05B 39/04** (2013.01); **H05B 39/08** (2013.01)

Cited by  
EP2665345A4; TWI514921B

Designated contracting state (EPC)  
FR IT

DOCDB simple family (publication)  
**EP 1087643 A2 20010328**; **EP 1087643 A3 20031210**; **EP 1087643 B1 20091118**; ID 27293 A 20010322; JP 2001093680 A 20010406; JP 4480817 B2 20100616

DOCDB simple family (application)  
**EP 00203262 A 20000920**; ID 20000821 D 20000922; JP 26844899 A 19990922