

Title (en)  
AC-dimmer for a discharge lamp

Title (de)  
AC-Dimmer für eine Entladungslampe

Title (fr)  
Dispositif de modulation de l'alimentation d'une ampoule à décharge

Publication  
**EP 2148555 B1 20110323 (FR)**

Application  
**EP 09166311 A 20090724**

Priority  
FR 0855124 A 20080725

Abstract (en)  
[origin: EP2148555A1] The device (1) has two outputs (S1, S2) connected to an external power supply circuit (2) of a bulb and an electromagnetic ballast (4). An internal power supply circuit (3) connects a phase input (E1) to one of the outputs and a neutral input (E2) to the other output, and includes a controlled switch (5) formed by a triode (T) for alternating current, whose gate (6) is directly connected to the phase input. An electronic control unit (U) controls the switch and modulates power available at the outputs to modulate luminous power of the bulb.

IPC 8 full level  
**H05B 39/04** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)  
**H05B 41/3924** (2013.01)

Cited by  
CN107591680A

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DOCDB simple family (publication)  
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