

Title (en)  
Control circuit for a discharge lamp

Title (de)  
Ansteuerung (Energieversorgung) für Entladungslampe

Title (fr)  
Circuit de commande pour une lampe à décharge

Publication  
**EP 0804052 A3 19990407 (DE)**

Application  
**EP 97106831 A 19970424**

Priority  
AT 74396 A 19960424

Abstract (en)  
[origin: EP0804052A2] The energy supply has a resonance transducer supplied from a DC voltage source, with a reactance (3) and the cold cathode lamp (4) connected in series in the load circuit. The control stage has a regulator (2) determining the amplitude and/or pulse ratio of the lamp current generated by the end stage (3), dependent on the lamp temperature and/or the detected light output level, provided by a measuring stage (5). The output can be provided by a switched rectifier which rectifies the output signal and periodically reverses the polarity supplied to the lamp.

IPC 1-7  
**H05B 41/36**; **H05B 41/392**; **H05B 41/29**

IPC 8 full level  
**H05B 41/36** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)  
**H05B 41/36** (2013.01); **H05B 41/3922** (2013.01); **H05B 41/3927** (2013.01)

Citation (search report)

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

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**EP 0804052 A2 19971029**; **EP 0804052 A3 19990407**; AT 407461 B 20010326; AT A74396 A 20000715

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