

Title (en)  
DEVICE FOR CONTROLLING THE INTENSITY OF A LOW PRESSURE DISCHARGE LAMP

Publication  
**EP 0111296 B1 19870902 (DE)**

Application  
**EP 83112266 A 19831206**

Priority  
• DE 3245817 A 19821210  
• DE 3328378 A 19830805

Abstract (en)  
[origin: EP0111296A1] 1. An arrangement for controlling the brightness of a low-pressure discharge lamp (1) comprising two heatable electrodes (11, 12) connected to secondary windings (42, 43) of a heater transformer (4), and comprising a control device (3) supplied by the a.c. voltage network to provide an adjustable output voltage connected via a series reactor (2) between the electrodes (11, 12) of the discharge lamp (1), characterised by an additional device (6) which supplies a higher-frequency, fundamentally-constant auxiliary voltage permanently connected between the electrodes (11, 12) of the discharge lamp.

IPC 1-7  
**H05B 41/392**

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

CPC (source: EP)  
**H05B 41/3921** (2013.01)

Cited by  
EP0471331A1; GB2232543A; EP0471332A1; US5175471A; EP0353382A1; US5057745A; GB2358972A; AU760871B2; US6518715B1; WO0021342A1

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**EP 0111296 A1 19840620; EP 0111296 B1 19870902**; DE 3373399 D1 19871008; FI 78212 B 19890228; FI 78212 C 19890612; FI 834428 A0 19831202; FI 834428 A 19840611

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