

Title (en)  
ELECTRONIC BALLAST FOR GAS DISCHARGE LAMPS

Publication  
**EP 0411618 A3 19920722 (DE)**

Application  
**EP 90114792 A 19900801**

Priority  
DE 3925899 A 19890804

Abstract (en)  
[origin: EP0411618A2] An electronic ballast (1) for gas discharge lamps (2), having an input circuit part (10, 11) for producing an intermediate-circuit DC voltage (Uz) from a supply voltage (L1,N), having an oscillator circuit part (4,8,S1,S2), supplied from the intermediate circuit DC voltage (Uz) for generating an alternating signal (uw) which can be supplied to the gas discharge lamp (2), having a bistable switch-off latching circuit part (3) which supplies a switch-off signal (us) in its first and second stable state to the oscillator circuit part (4,8,S1,S2), and hence releases the oscillator circuit part (4,8,S1,S2) or switches it off, a first signal (u1), derived from the alternating signal (uw), driving the switch-off latching circuit part (3) from its first into its second stable state in the event of a predetermined value being exceeded, and generating the switch-off signal (us), is to be designed such that its operating reliability is further improved. This is achieved in that a further signal (u2), derived from the intermediate circuit DC voltage (Uz), produces the switch-off signal (us) when the intermediate circuit DC voltage (Uz) exceeds a predetermined maximum value. <IMAGE>

IPC 1-7  
**H05B 41/29**

IPC 8 full level  
**H05B 41/285** (2006.01); **H05B 41/298** (2006.01)

CPC (source: EP)  
**H05B 41/2983** (2013.01); **H05B 41/2985** (2013.01)

Citation (search report)  
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