

Title (en)

CIRCUIT ARRANGEMENT FOR STARTING AND OPERATING HIGH PRESSURE GAS DISCHARGE LAMPS

Publication

EP 0111373 B1 19870527 (DE)

Application

EP 83201738 A 19831208

Priority

DE 3245923 A 19821211

Abstract (en)

[origin: US4539513A] A circuit arrangement for starting and operating a high-pressure gas discharge lamp having an outer starting electrode connected to an igniter. A full-wave rectifier (1) is connected to an alternating voltage supply (A, B) and has an output shunted by a series arrangement of a diode (4) and a capacitor (5). The capacitor is discharged in part through the lamp (3) after each half period of the alternating voltage. A resistor (6), which is high-ohmic with respect to a current limiter (2), is connected in the current circuit between the end of the capacitor (5) facing the diode (4) and the lamp (3). Thus, starting of the lamp is facilitated.

IPC 1-7

H05B 41/19

IPC 8 full level

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CPC (source: EP US)

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