

Title (en)

Electronic power supply unit for a discharge lamp, lighting system and method of lighting a discharge lamp

Title (de)

Elektroniknetzteil für Entladungslampen, Beleuchtungssystem und Beleuchtungsverfahren für Entladungslampen

Title (fr)

Unité d'alimentation électronique pour lampe à décharge, système d'éclairage et procédé d'éclairage d'une lampe à décharge

Publication

EP 2224791 A2 20100901 (EN)

Application

EP 09180359 A 20091222

Priority

IT PD20080375 A 20081222

Abstract (en)

An electronic power supply unit (4) for discharge lamps, comprises an electronic power supply circuit (8) suitable to receive a mains voltage in input (V_{cc}) and to generate, on the two output terminals (18), a triggering voltage (V_{imp}) to trigger an associable discharge lamp (12). Advantageously, the power supply unit (4) sends the output terminals (18) two impulse voltages ($\pm V_{imp}$) of the same value and opposing polarities, so as to generate a total power supply voltage of double the value of the voltages ($\pm V_{imp}$) of the single output terminals (18) and suitable to trigger the lamp (12).

IPC 8 full level

H05B 41/04 (2006.01); **H01J 7/32** (2006.01); **H02M 1/02** (2006.01)

CPC (source: EP)

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Cited by

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2224791 A2 20100901; **EP 2224791 A3 20110420**; **EP 2224791 B1 20120418**; AT E554637 T1 20120515; IT PD20080375 A1 20100623

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