

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 B1 20120418 (EN)**

Application

**EP 09180359 A 20091222**

Priority

IT PD20080375 A 20081222

Abstract (en)

[origin: EP2224791A2] 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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DOCDB simple family (publication)

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