

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 A3 20110420 (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)

H05B 41/042 (2013.01)

Citation (search report)

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CN107645239A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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

DOCDB simple family (application)

EP 09180359 A 20091222; AT 09180359 T 20091222; IT PD20080375 A 20081222