Title (en)

LOW-VOLTAGE NON-THERMIONIC BALLAST-FREE FLUORESCENT LIGHT SYSTEM AND METHOD

Title (de)

NIEDERSPANNUNGSLEUCHTSTOFFLAMPENSYSTEM UND VERFAHREN OHNE GLÜHSTARTER ODER VORSCHALTGERÄT

Title (fr)

SYSTEME ET PROCEDE D'ECLAIRAGE FLUORESCENT BASSE TENSION NON THERMOIONIQUE EXEMPT DE BALLAST

Publication

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Application

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- US 94267097 A 19971002

Abstract (en)

[origin: WO9905890A1] A low voltage, non-thermionic, ballast free fluorescent lighting system includes a low voltage high frequency square wave driver circuit (303) connected to a source (200) and the output from the driver circuit (303) is directly applied to the electrodes of one or more fluorescent lamps (301, 302) so that the voltage on the electrodes reverses its polarity more rapidly than the pattern of electron and ion density in the gas can shift.

IPC 1-7 (main, further and additional classification)

H05B 37/00

IPC 8 full level (invention and additional information)

H05B 41/282 (2006.01)

CPC (invention and additional information)

H05B 41/2827 (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI NL PT SE

EPO simple patent family

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INPADOC legal status

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- IPC : 7H 05B 37/00 A

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