

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

EP 1023818 A1 20000802 (EN)

Application

EP 98935753 A 19980724

Priority

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- US 5379697 P 19970725
- 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.

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H05B 37/00

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