

Title (en)

CIRCUITRY FOR DIMMING A FLUORESCENT LAMP

Title (de)

SCHALTUNGSANORDNUNG ZUM DIMMBAREN BETRIEB EINER LEUCHTSTOFFLAMPE

Title (fr)

CIRCUITERIE POUR FONCTIONNEMENT MODULABLE D'UN TUBE FLUORESCENT

Publication

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Application

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Abstract (en)

[origin: WO9848597A1] The invention relates to a circuitry for dimming a fluorescent lamp with an operating frequency ( $f_1$ ), comprising a device for connecting and disconnecting the operating frequency ( $f_1$ ) with a dimming frequency ( $f_2$ ), wherein the pulse width ( $W_2$ ) of the dimming frequency ( $f_2$ ) can be adjusted and  $f_2 < f_1$ . The invention provides for simultaneous adjustment of the fluorescent lamp voltage through the device by connecting or disconnecting the distribution voltage with a switching frequency ( $f_3$ ) having an adjustable pulse width ( $W_3$ ), wherein  $f_3 > f_1$ .

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