

Title (en)

CIRCUIT CONFIGURATION FOR CONTROLLING AT LEAST ONE FLUORESCENT LAMP

Title (de)

SCHALTUNGSANORDNUNG ZUR ANSTEUERUNG MINDESTENS EINER LEUCHTSTOFFLAMPE

Title (fr)

MONTAGE DE COMMANDE D'AU MOINS UNE LAMPE FLUORESCENTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008119376A1] A circuit configuration for controlling at least one fluorescent lamp is disclosed, wherein the circuit configuration comprises the following characteristics: (i) a half-bridge inverter having at least one downstream load circuit, (ii) at least one coupled capacitor connected to the load circuit and to the half-bridge inverter, (iii) a control device for the half-bridge inverter, the load circuit having connections for at least one fluorescent lamp, (iv) a detector circuit comparing a first voltage to a reference voltage and generating an output signal for actuating the half-bridge inverter based on at least two comparators, wherein the first voltage corresponds to a voltage drop at the at least one coupled capacitor or to a voltage drop modified by a voltage divider at the at least one coupled capacitor.

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