

Title (en)

Process and circuit for controlling the light intensity and the operating mode of discharge lamps

Title (de)

Verfahren und Schaltungsanordnungen zur Steuerung der Helligkeit und des Betriebsverhaltens von Gasentladungslampen

Title (fr)

Procédé et circuit pour commander l'intensité lumineuse et le mode de fonctionnement de lampes à décharge

Publication

EP 0688153 A3 19970226 (DE)

Application

EP 95114340 A 19911209

Priority

- DE 4039161 A 19901207
- EP 91121150 A 19911209

Abstract (en)

[origin: EP0688153A2] A variable frequency inverter (30) supplies a load circuit (40), incorporating two fluorescent lamps (LA1, LA2). An integrated control circuit (17) includes a transceiver (10), to which commands are addressed for adjustment of the brightness and operational mode. With the lamps switched off, the inverter (30) is switched by a driver circuit (31) into SLEEP mode either immediately or after a preset delay, to be reactivated by reception of a fresh brightness command. It is fed from the mains via an on/off switch (S1) and a rectifier (20).

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IPC 8 full level

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Citation (search report)

- [Y] US 4523128 A 19850611 - STAMM THOMAS A [US], et al
- [Y] US 4695769 A 19870922 - SCHWEICKARDT KARL [US]

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