

Title (en)

Discharge lamp lighting system for a vehicle, lighting process and power supply for a discharge lamp.

Title (de)

Beleuchtungssystem mit Entladungslampe für ein Fahrzeug sowie Zündungsverfahren und elektrische Versorgung für die Entladungslampe.

Title (fr)

Procédé d'amorçage d'une charge électrique comme une lampe à décharge, dispositif d'alimentation électrique d'une charge comme une lampe à décharge et système d'éclairage à lampe à décharge notamment pour véhicule.

Publication

EP 0506543 A1 19920930 (FR)

Application

EP 92400790 A 19920324

Priority

FR 9103846 A 19910329

Abstract (en)

The invention applies in particular to the automotive industry. It consists of a method of firing an electric load such as a discharge lamp, which method is intended to supply it with sufficient energy under a high voltage and for a very short time interval, in a repetitive or non-repetitive fashion. The invention is characterised in that the method includes the steps of: a) accumulating the energy drawn by the electric load and supplied by the convertor in a storage device placed in series with the electric load, b) releasing the stored energy into the load for a time sufficient to guarantee an adequate firing, the circuit containing the convertor, the energy storage device and the energy-consuming load adapting itself to the firing condition. <IMAGE>

IPC 1-7

B60Q 1/02; H05B 41/29

IPC 8 full level

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CPC (source: EP)

H05B 41/042 (2013.01); **H05B 41/2881** (2013.01); **H05B 41/382** (2013.01)

Citation (search report)

- [A] DE 2934942 A1 19810402 - SIEMENS AG
- [A] GB 2104319 A 19830302 - HOME ELECTRIC COMPANY LIMITED [TW]

Cited by

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