

Title (en)

A device permitting of economizing electric lighting energy.

Title (de)

Elektrische Lichtenergiesparvorrichtung.

Title (fr)

Dispositif permettant d'économiser l'énergie lumineuse électrique.

Publication

**EP 0062004 A1 19821006 (EN)**

Application

**EP 82810133 A 19820324**

Priority

- CH 215781 A 19810331
- CH 369381 A 19810605

Abstract (en)

The device is to be mounted on any individual chandelier or any form of lamp: normal bulb (10), fluorescent, neon, sodium mercury vapour etc. When the space is not illuminated very much, the lamp (10) in consequence of the electronic circuit contained in the device according to the invention (1) lights up with an intensity so as to compensate for the reduction of the illumination of the surroundings. The device therefore controls every individual lamp economizing energy because unlike the known devices controlling groups of lamps it acts so as to subdue the light emitted by the lamp or bulb gradually the more the space surrounding it is illuminated. The luminous energy emitted is inversely proportional to the luminous intensity of the surrounding space. The luminous energy of the space is preferably communicated to the device (1) by means of a bundle of optical fibres (2) avoiding the light reflected by the shield (14) of the lamp.

IPC 1-7

**H05B 37/02**

IPC 8 full level

**H05B 39/08** (2006.01)

CPC (source: EP)

**H05B 39/081** (2013.01)

Citation (search report)

- GB 1477438 A 19770622 - SIEMENS AG
- US 3450939 A 19690617 - MISENICK JOHN J
- GB 1455875 A 19761117 - SCHOLLES CO LTD GEORGE H
- US 4023035 A 19770510 - RODRIGUEZ EDWARD T
- GB 191407440 A 19150211 - TURNER CHARLES JAMES
- US 3085179 A 19630409 - KEERAN WILLIAM C

Cited by

US5987205A; US6037721A; US5637964A; DE10043394A1; EP0734196A1; US5633540A; GB2155708A; GB2242581A; GB2242581B; GB2205642A; US4823051A; GB2205642B; US6310440B1; WO9610897A1

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