

Title (en)

Photoresponsive device for controlling the lighting in a room

Title (de)

Lichtempfindliche Vorrichtung zur Regelung der Beleuchtungsstärke in einem Raum

Title (fr)

Dispositif photosensible pour l'installation de commandes du niveau d'éclairage d'un local

Publication

EP 0770949 A1 19970502 (FR)

Application

EP 96810687 A 19961014

Priority

FR 9512581 A 19951025

Abstract (en)

The photosensor device comprises a photosensitive element (6) mounted on a base (7) with its sensitive surface facing upwards. The sensor is covered by a conical screen (8) forming an optical integrator. The optical transmission through the conical screen varies according to the angle at which light enters with respect to the vertical. A transmission mask (9) is applied to the outside surface of the cone, between two angles (theta-1, theta-2). This is intended to attenuate the sensitivity of the sensor when light is incident between two specified angles (aCmin, aCmax).

Abstract (fr)

Le dispositif photosensible comprend un élément photosensible 6 disposé sur un socle 7. Cet élément photosensible 6 est associé à un système optique intégrateur 8. Un masque de transmission 9 est appliqué entre deux angles coniques θ_1 et θ_2 sur le système optique intégrateur. Il est destiné à atténuer la sensibilité du dispositif pour des rayons lumineux incident sur le système optique intégrateur entre les angles coniques α_{Cmin} et α_{Cmax} . <IMAGE>

IPC 1-7

G05D 25/02; **H05B 41/392**

IPC 8 full level

G01J 1/02 (2006.01); **G05D 25/02** (2006.01); **H05B 41/392** (2006.01)

CPC (source: EP)

H05B 41/3922 (2013.01)

Citation (applicant)

- FR 9106160 A 19910522
- FR 9108331 A 19910703

Citation (search report)

- [X] WO 8605351 A1 19860912 - STIFTELSEN IND OG TEK FORSK [NO]
- [A] DE 3041396 A1 19820513 - KRIEGER KARL ALBERT
- [A] DE 3526590 A1 19860102 - ZINNECKER ELISABETH [DE]
- [DA] FR 2678752 A1 19930108 - SOMFY [FR]
- [DA] FR 2676842 A1 19921127 - SOMFY [FR]

Designated contracting state (EPC)

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