

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  $\theta_1$  et  $\theta_2$  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  $\alpha_{Cmin}$  et  $\alpha_{Cmax}$ . <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)

AT BE CH DE ES GB IT LI NL SE

DOCDB simple family (publication)

**EP 0770949 A1 19970502**; **EP 0770949 B1 20010905**; AT E205315 T1 20010915; DE 69614964 D1 20011011; ES 2104540 T1 19971016; FR 2740573 A1 19970430; FR 2740573 B1 19971226; JP H09178552 A 19970711

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