

Title (en)

SECURITY LIGHT, AND EMERGENCY WARNING RECEIVING SYSTEM

Title (de)

SICHERHEITSLAMPE UND NOTFALLWARNUNGS-EMPFANGSSYSTEM

Title (fr)

LUMIÈRE DE SÉCURITÉ, ET SYSTÈME DE RÉCEPTION D'ALARME D'URGENCE

Publication

EP 2128833 A4 20110601 (EN)

Application

EP 08720768 A 20080220

Priority

- JP 2008052887 W 20080220
- JP 2007001036 U 20070220
- JP 2007053373 A 20070302
- JP 2007104827 A 20070412

Abstract (en)

[origin: EP2128833A1] A security light is made installable in an appropriate position on a pole so that alarms from an alarm sounder can be transmitted reliably to the surroundings with no reduction in the light effects of lighting equipment and in the visibility of a warning light. A security light 10 is formed by incorporating a security alarm device 22 including a warning light 24, an alarm sounder 26, and a control device 28 integrally in outdoor lighting equipment 20. The security alarm device 22 is operated when the control device 28 receives an emergency signal transmitted from a mobile terminal 12, an emergency push-button 14, or a cell phone 16. The warning light 24 includes red and yellow light emitting diodes as a light source, and the red light emitting diodes are turned on and off when the control device 28 receives the emergency signal, while the yellow light emitting diodes are turned on and off when the control device 28 receives a transmission signal from another security light 10.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [I] US 5365217 A 19941115 - TONER FRANK J [US]
- [I] WO 03009631 A1 20030130 - IMAI KYOHEI [JP]
- [I] JP 2003163091 A 20030606 - TOSHIBA LIGHTING & TECHNOLOGY
- [A] US 4878236 A 19891031 - RAY DONALD K [US], et al
- [A] WO 0063612 A1 20001026 - GEWISS SPA [IT], et al
- [A] WO 2006003686 A1 20060112 - FUCCI MASSIMO [IT]
- See references of WO 2008102818A1

Citation (examination)

- US 5939987 A 19990817 - CRAM RANDALL S [US]
- FR 2262836 A1 19750926 - DULOQUIN RENE [FR]

Cited by

ITPD20100191A1; CN104680683A; EP2858046A1; US8669717B2; US10433394B2; WO2018053156A1; WO2012063132A3; WO2017197275A1; US10540868B2; US11145182B2; US11501629B2; US11557197B2; WO2019152723A1; EP2858046B1

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