

Title (en)

MOTION SENSITIVE BICYCLE SAFETY LIGHT AND METHOD OF USING SAME

Title (de)

BEWEGUNGSEMPFINDLICHE LEUCHTE UND ANWENDUNGSVERFAHREN

Title (fr)

LAMPE DE SECURITE DE BICYCLETTE REAGISSANT A L'EBRANLEMENT ET PROCEDE D'UTILISATION

Publication

EP 0980494 A1 20000223 (EN)

Application

EP 99909839 A 19990305

Priority

- US 9904822 W 19990305
- US 3663998 A 19980306

Abstract (en)

[origin: WO9945319A1] A motion sensitive safety light (20) adapted for attachment to a wheel of a bicycle or wheelchair. The light has a motion sensitive switch having a non-magnetic casing (12a), a magnetic body (14) having electroconductive on the outer surface thereof contained within the casing, one permanent magnet (15) proximate a portion of the outer wall of the casing, a first pair of conductors (16a, 16b), when the light is subjected to movement, the magnetic body is capable of moving from the area of the casing proximate the magnet into contact with the conductor and the inner wall of the casing. A battery (17) having a positive terminal and a negative terminal, one of the conductors connected to the positive terminal and the other conductor connected to the negative terminal, a light source (18) connected to the battery through a second pair of conductors (19a, 19b), one conductor attached to one terminal of the battery and the other conductor attached to the other terminal of the battery and each of the second pair of conductors attached to the light source, a protective light emitting end cap covering the light source, a protective cover extending from the light emitting end cap, with the light source, the battery and the switch contained within the end cap and the cover; and means for attaching the light to a wheel of a bicycle or wheelchair.

IPC 1-7

F21V 23/00

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 9945319A1

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