

Title (en)

Safety device for lighting systems formed by a plurality of lamps connected in series

Title (de)

Überwachungseinrichtung für Beleuchtungssysteme gebildet aus mehreren Lampen in Reihenschaltung

Title (fr)

Dispositif de surveillance pour systèmes d'éclairage comportant plusieurs lampes connectées en série

Publication

**EP 0944295 B1 20040107 (EN)**

Application

**EP 99104798 A 19990311**

Priority

IT BO980156 A 19980313

Abstract (en)

[origin: EP0944295A2] A lighting system formed by a plurality of lamps (3) connected in series according to a load mesh (3a) includes a safety device in which a first control switch (11) is connected in series with the load mesh (3a) and can take one of two characteristic positions, namely non-operative position (I) and operative position (O). A detection mesh (3b) is derived from the terminals of the control switch (11) upon connection therewith, that is established in phase relation with a corresponding operative configuration of position (O) of the control switch (11). A measuring device (90) detects the current in the circuit resulting from the series connection of the load mesh (3a) and detection mesh (3b). <IMAGE> <IMAGE>

IPC 1-7

**H05B 41/46**; H05B 37/03; G01R 27/16; G01R 31/02; G01R 31/44

IPC 8 full level

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CPC (source: EP)

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