

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

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IPC 8 full level

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CPC (source: EP)

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