

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 A2 19990922 (EN)

Application

EP 99104798 A 19990311

Priority

IT BO980156 A 19980313

Abstract (en)

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

IPC 8 full level

H05B 41/285 (2006.01); **H05B 41/46** (2006.01)

CPC (source: EP)

H05B 41/2855 (2013.01); **H05B 41/46** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0944295 A2 19990922; **EP 0944295 A3 20000823**; **EP 0944295 B1 20040107**; AT E257639 T1 20040115; DE 69914008 D1 20040212; DE 69914008 T2 20041111; DK 0944295 T3 20040503; ES 2213304 T3 20040816; IT 1299901 B1 20000404; IT BO980156 A0 19980313; IT BO980156 A1 19990913; PT 944295 E 20040430

DOCDB simple family (application)

EP 99104798 A 19990311; AT 99104798 T 19990311; DE 69914008 T 19990311; DK 99104798 T 19990311; ES 99104798 T 19990311; IT BO980156 A 19980313; PT 99104798 T 19990311