

Title (en)

Method and device for remote monitoring of led lamps

Title (de)

Verfahren und Anordnung zur Fernüberwachung von LED Leuchten

Title (fr)

Procédé et appareil de télésurveillance de luminaires LED

Publication

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Application

EP 02022506 A 20001117

Priority

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- EP 00979299 A 20001117
- US 54324000 A 20000405

Abstract (en)

[origin: WO0139553A1] LED lamp circuitry that emulates an incandescent lamp's behaviour upon remote verification of the LED lamp. The invention presents a fuse blow-out circuit and a cold filament detection circuit permitting the use of LED lamps in applications, such as railway signal light applications, where there is a need for remote monitoring of the lamps, while keeping the advantageous features of lower power consumption and longer life. The invention also provides a control circuit for enabling/disabling the power supply to LED lamps in relation to the level of the line voltage. The advantage of this embodiment is to avoid unwanted functioning of the LED lamp caused by interference from surrounding electrical cables.

IPC 8 full level

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