

Title (en)

Management method of a traffic light source

Title (de)

Verkehrssignalisierungsverwaltungsverfahren

Title (fr)

Procédé de gestion d'une source de lumière de signalisation routière

Publication

**EP 0955619 A1 19991110 (FR)**

Application

**EP 99401083 A 19990504**

Priority

FR 9805661 A 19980505

Abstract (en)

The road signal light source has several electroluminescent diodes (11-18) connected to a number of parallel current supply branches. The operation of the diodes is individually controlled and the current supply (3,4) is controlled so as to maintain constant the luminous flux of the source. At the diode terminals (51-58) the voltage is compared with that of an adjacent diode so as to localize a faulty diode (11-18).

Abstract (fr)

Selon le procédé de gestion d'une source de lumière comportant des éléments lumineux (11 - 18) reliés selon une pluralité de branches alimentées en courant en parallèle et formées chacune de plusieurs éléments lumineux (11 - 18) en série, le bon fonctionnement de chaque élément (11 - 18) est contrôlé individuellement, en accédant à un ensemble de bornes homologues (51 - 58) des éléments lumineux (11 - 18) et en comparant la tension de chaque borne à celle d'une borne d'un élément lumineux électriquement adjacente pour localiser un élément lumineux (11-18) défectueux, et l'alimentation en courant (3, 4) est commandée pour maintenir constant le flux lumineux de la source. <IMAGE>

IPC 1-7

**G08G 1/097**

IPC 8 full level

**G08G 1/097** (2006.01); **H05B 37/03** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

**G08G 1/097** (2013.01 - EP US); **H05B 45/48** (2020.01 - EP); **H05B 45/52** (2020.01 - US); **H05B 45/54** (2020.01 - EP US); **H05B 45/58** (2020.01 - EP); **H05B 47/23** (2020.01 - EP US)

Citation (search report)

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