

Title (en)
SMART LED TRAFFIC LAMP

Title (de)
INTELLIGENTE VERKEHRSAMPEL MIT LEUCHTDIODEN

Title (fr)
FEU DE CIRCULATION INTELLIGENT A DIODE EMETTRICE DE LUMIERE

Publication
EP 1514454 A1 20050316 (EN)

Application
EP 03715909 A 20030207

Priority

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- TR 200200582 A 20020305

Abstract (en)
[origin: WO03067933A1] The smart LED-traffic lamp combines the operation functions of a traffic signaler, an active synchronized winker, an active synchronized flasher and a reverse timer, in one device, without connection to a control device. It is also possible to operate it by connecting to a control device, when required. Use functions of the invention are programmed onto a microprocessor unit. Functions are selected by a multi-stage switch on the device and thus, the device is programmed according to the use purpose. The device takes the required power from the mains of 220 VAC, 50 Hz. However, it may be operated with 110 VAC, 60 Hz as well. In addition, it may be operated in three-phase supply, with a very short synchronization interval, not visible by human eye. This invention is operated by connecting to an intersection control device through one power line and one data line. It receives the main supply from the power line. Lighting power adjustment and function selection are performed through the data line, Traffic signal lights developed with this invention may be operated by connecting in parallel to one power line and one data line.

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Citation (search report)
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