

Title (en)

Signal reading method based on DMX512 protocol

Title (de)

Signalleseverfahren auf Grundlage des DMX512-Protokolls

Title (fr)

Procédé de lecture de signaux basé sur le protocole DMX512

Publication

EP 2107860 A2 20091007 (EN)

Application

EP 09156796 A 20090331

Priority

TW 97112069 A 20080402

Abstract (en)

A signal reading method based on a DMX512 protocol is executed in a DMX512 non-polarized connection lighting system, and is capable of non-polarizedly reading an input signal through a micro-controller. Firstly, it is detected that a potential change occurs to an input signal. Then, according to the potential change, it is determined whether a polarity of the input signal is positive or negative. If the polarity of the input signal is positive, the input signal is decoded by using a positive-phase receiving procedure. If the polarity of the input signal is negative, the input signal is decoded by using a negative-phase receiving procedure. Finally, data carried in the input signal is read according to the DMX512 protocol.

IPC 8 full level

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CPC (source: EP)

H05B 47/18 (2020.01)

Cited by

US2011121748A1; US8421652B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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