

Title (en)
Signal issuer for an LED light signal

Title (de)
Signalgeber für ein LED-Lichtsignal

Title (fr)
Emetteur de signal pour un signal lumineux DEL

Publication
EP 2124507 A3 20140528 (DE)

Application
EP 09160459 A 20090518

Priority
DE 102008025187 A 20080523

Abstract (en)
[origin: EP2124507A2] The transmitter has a circuit part provided for adjusting a signal transmitter current-operating voltage-characteristic curve of a LED-light signal to a characteristics curve of a filament lamp-light signal. A load is controlled based on the operating voltage, where a resistor network with electronically switchable resistors (R1-R3) is provided as the load. Electronic switches (13.1-13.3) of the resistor network are controlled by a microcontroller (14) based on the operating voltage, and an opening-contact is provided for simulation of switching current surge of the lamp-light signal.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP)
B61L 5/1881 (2013.01); **H05B 45/44** (2020.01); **B61L 2207/02** (2013.01)

Citation (search report)

- [X] EP 1603368 A2 20051207 - SIEMENS AG [DE]
- [I] DE 10102352 A1 20020801 - SIEMENS AG [DE]
- [I] EP 0992961 A2 20000412 - SIEMENS AG [DE]
- [A] US 2004132344 A1 20040708 - PLISHNER PAUL J [US]

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DE102016007366A1; EP2687418A3; EP2653365A1; CN109884555A; EP3037713A1; DE102016007366B4; DE202016003785U1; WO2014019924A3

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)
EP 2124507 A2 20091125; EP 2124507 A3 20140528; DE 102008025187 A1 20091203

DOCDB simple family (application)
EP 09160459 A 20090518; DE 102008025187 A 20080523