

Title (en)

LED lighting system and method with at least two lighting sources

Title (de)

LED-Beleuchtungssystem und -verfahren mit mindestens zwei Lichtquellen

Title (fr)

Système et procédé d'éclairage à LED avec au moins deux sources lumineuses

Publication

**EP 1641323 A1 20060329 (DE)**

Application

**EP 05018090 A 20050819**

Priority

DE 102004045515 A 20040920

Abstract (en)

A driver device (22) operates a LED (11) with a direct current (DC) signal. An storage device (14) stores an actual value of features of light output determined by sensor (12). A set point selection device (18) stores set point of feature. A control device (16) transmits actual value and set point to provide driver device with control signal that changes characteristic of DC signal such that actual value approaches set point. An independent claim is also included for illuminating system operating method.

IPC 8 full level

**H01L 33/00** (2010.01); **H05B 33/08** (2006.01); **H05B 35/00** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)

**H05B 35/00** (2013.01 - EP KR US); **H05B 45/20** (2020.01 - EP KR US); **H05B 45/22** (2020.01 - EP KR US)

Citation (search report)

- [XY] US 6495964 B1 20021217 - MUTHU SUBRAMANIAN [US], et al
- [X] US 2002097000 A1 20020725 - MUTHU SUBRAMANIAN [US], et al
- [XY] US 2002047624 A1 20020425 - STAM JOSEPH S [US], et al
- [Y] DE 3910438 A1 19901004 - KULZER & CO GMBH [DE]
- [X] DE 10216645 A1 20031106 - SITECO BELEUCHTUNGSTECH GMBH [DE]

Citation (examination)

- US 6359274 B1 20020319 - NIXON ROBERT H [US], et al
- TEXAS ADVANCED OPTOELECTRONIC SOLUTIONS INC. (TAOS): "TCS230 PROGRAMMABLE COLOR LIGHT-TO-FREQUENCY CONVERTER", February 2003 (2003-02-01), PLANO, TEXAS, US, pages 1 - 10, Retrieved from the Internet <URL:HTTP://WWW.W-R-E.DE/ROBOTIK/DATA/OPT/TCS230.PDF>

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 05018090 A 20050819**; CA 2520233 A 20050919; CN 200510109940 A 20050920; DE 102004045515 A 20040920; JP 2005270975 A 20050916; KR 20050084560 A 20050912; TW 94132281 A 20050919; US 21862405 A 20050906