

Title (en)
Lighting device

Title (de)
Leuchte

Title (fr)
Luminaire

Publication
EP 1696707 A3 20090429 (DE)

Application
EP 06003701 A 20060223

Priority
• DE 202005003285 U 20050225
• DE 102005024449 A 20050524

Abstract (en)
[origin: EP1696707A2] The lamp has LEDs (13e1, 13e2, 13e3) controllable and activatable by a signal line, and an electrically erasable programmable read only memory (EEPROM) (22e). The EEPROM registers a data set describing characteristics of the LEDs, where the data set contains an information about a maximum, measured luminous flux, measured light color, light wavelength, exactly measured spectrum of light and temperature-dependent behavior of the LEDs. An independent claim is also included for a device for controlling a lamp with two different colored LEDs.

IPC 8 full level
H05B 44/00 (2022.01)

CPC (source: EP US)
H05B 45/22 (2020.01 - EP US); **H05B 45/28** (2020.01 - EP US); **H05B 45/30** (2020.01 - EP US); **H05B 45/40** (2020.01 - EP US)

Citation (search report)
• [X] US 2003137258 A1 20030724 - PIEPGRAS COLIN [US], et al
• [X] US 2002145394 A1 20021010 - MORGAN FREDERICK [US], et al
• [X] WO 2004086822 A1 20041007 - SITRONIC ELEKTROTECH AUSRUEST [DE], et al
• [X] EP 0966183 A1 19991222 - COLAS SA [FR]
• [XY] US 2004105264 A1 20040603 - SPERO YECHEZKAL EVAN [IL]
• [X] WO 2004057922 A1 20040708 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• [A] DE 202004006292 U1 20040722 - KNOBEL LICHTTECH [CH]
• [X] WO 0124584 A1 20010405 - COLOR KINETICS INC [US]
• [X] US 2004212321 A1 20041028 - LYS IHOR A [US], et al
• [XP] WO 2005089293 A2 20050929 - COLOR KINETICS INC [US], et al
• [X] WO 2004100613 A1 20041118 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• [XP] EP 1622427 A2 20060201 - AGILENT TECHNOLOGIES INC [US]
• [A] US 2002140379 A1 20021003 - CHEVALIER DANIEL [CA], et al
• [Y] "DALI Manual", DALI AG, 1 January 2002 (2002-01-01), Frankfurt am Main, Germany, XP002224999

Cited by
WO2010029459A1; WO2013053632A1; NL2005972C2; EP2441619A1; CN106532380A; CN102907174A; AT17132U1; CN102150473A; EP2581311A1; CN103889839A; KR101536614B1; EP3142464A1; US9693407B2; DE102010031244B4; WO2011113949A1; WO2011113948A1; US8508136B2; US9035570B2

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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EP 06003701 A 20060223; DE 102005024449 A 20050524