

Title (en)
Method for operating a light

Title (de)
Verfahren zur Ansteuerung einer Leuchte

Title (fr)
Procédé de commande d'une lampe

Publication
EP 2282610 A3 20140521 (DE)

Application
EP 10007310 A 20100715

Priority
DE 102009034801 A 20090725

Abstract (en)
[origin: EP2282610A2] The method involves starting an evaluation routine by a control module (4) of an associated light i.e. RGB-LED light (1), after reception of a synchronization signal in order to remove an information network wave of a phase of a transferred desired intensity information signal. The intensity information signal is stored and is used for controlling a light unit e.g. red LED (9), green LED (10) and blue LED (11) and white LED, up to occurrence of the synchronization signal. A power module is controlled by the control module based on the stored intensity information signal.

IPC 8 full level
H05B 33/08 (2006.01); **H05B 37/02** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
H05B 45/20 (2020.01 - EP US); **H05B 47/185** (2020.01 - EP US)

Citation (search report)

- [YA] EP 0786850 A2 19970730 - RINGWALD EUGEN [DE]
- [A] EP 1406476 A2 20040407 - OSRAM SYLVANIA INC [US]
- [A] WO 2008093198 A2 20080807 - OCEM SPA [IT], et al
- [A] US 6377163 B1 20020423 - DELLER ROBERT W [US], et al
- [YA] US 6570493 B1 20030527 - ROTEM BARAK [IL]
- [A] US 5068576 A 19911126 - HU FENG-KANG [US], et al

Cited by
EP2863718A1; ITPD20120084A1

Designated contracting state (EPC)
AL 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 SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2282610 A2 20110209; EP 2282610 A3 20140521; EP 2282610 B1 20170426; CN 101965079 A 20110202; CN 101965079 B 20141022; DE 102009034801 A1 20110127

DOCDB simple family (application)
EP 10007310 A 20100715; CN 200910161928 A 20090901; DE 102009034801 A 20090725