

Title (en)
INTEGRATED MODULAR LIGHTING UNIT

Title (de)
INTEGRIERTE MODULARE BELEUCHTUNGSEINHEIT

Title (fr)
UNITE D'ECLAIRAGE MODULAIRE INTEGREE

Publication
EP 1839463 A4 20090304 (EN)

Application
EP 05810860 A 20051129

Priority

- CA 2005001792 W 20051129
- US 63146604 P 20041129
- US 66878605 P 20050405

Abstract (en)
[origin: WO2006056066A1] The present invention provides an integrated self-contained lighting module which can be used on its own, or in conjunction with other modules to produce white light, or light of any other colour within the colour spectrum. Each module comprises one or more light-emitting elements, a drive and control system, a feedback system, thermal management system, optical system, and optionally a communication system enabling communication between modules and/or other control systems. Depending on the configuration, the lighting module can operate autonomously or its functionality can be determined based on either or both internal signals and externally received signals.

IPC 8 full level
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Citation (search report)

- [XA] WO 02080625 A1 20021010 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [XY] GB 2395074 A 20040512 - DORMAN TRAFFIC PRODUCTS LTD [GB]
- [Y] GB 2377280 A 20030108 - TIDAL PHOTONICS INC [CA]
- [YA] US 2004105264 A1 20040603 - SPERO YECHEZKAL EVAN [IL]
- See references of WO 2006056066A1

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)
WO 2006056066 A1 20060601; CA 2589238 A1 20060601; EP 1839463 A1 20071003; EP 1839463 A4 20090304; JP 2008522349 A 20080626

DOCDB simple family (application)
CA 2005001792 W 20051129; CA 2589238 A 20051129; EP 05810860 A 20051129; JP 2007541613 A 20051129