

Title (en)  
LIGHT UNIT

Title (de)  
BELEUCHTUNGSEINHEIT

Title (fr)  
DISPOSITIF LUMINEUX

Publication  
**EP 1997353 A2 20081203 (EN)**

Application  
**EP 07710710 A 20070308**

Priority  
• CA 2007000376 W 20070308  
• US 78190606 P 20060313

Abstract (en)  
[origin: WO2007104137A2] The present invention provides a light unit that is interchangeable within a lighting device. The light unit comprises a carrier to which one or more light-emitting elements are connected. A memory device is further operatively coupled to the carrier, wherein the memory device includes information representative of the operational characteristics of the one or more light-emitting elements associated with the carrier. Upon the operative coupling of the light unit with a lighting device, a control system associated with the lighting device can access the memory device to obtain operational characteristics of the one or more light-emitting elements associated with the carrier. In this manner, the operational characteristics of the light-emitting elements can be immediately available to the control system, without the need for calibration of the lighting device subsequent to the replacement or changing of the light unit with the lighting device.

IPC 8 full level  
**H05B 37/02** (2006.01); **H01L 33/00** (2010.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)  
**H05B 45/00** (2020.01 - EP US); **H05B 45/12** (2020.01 - KR); **H05B 45/14** (2020.01 - EP KR US); **H05B 47/10** (2020.01 - KR)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007104137 A2 20070920; WO 2007104137 A3 20071101**; CA 2643114 A1 20070920; CN 101406109 A 20090408;  
CN 101406109 B 20120718; EP 1997353 A2 20081203; EP 1997353 A4 20110105; JP 2009529769 A 20090820; KR 20090008220 A 20090121

DOCDB simple family (application)  
**CA 2007000376 W 20070308**; CA 2643114 A 20070308; CN 200780009243 A 20070308; EP 07710710 A 20070308;  
JP 2008558600 A 20070308; KR 20087024948 A 20081013