

Title (en)
Modular LED units

Title (de)
Modulare LED-Einheit

Title (fr)
Unité de DEL modulaire

Publication
EP 1906084 B1 20100303 (EN)

Application
EP 07019054 A 20070927

Priority
US 54190506 A 20060930

Abstract (en)
[origin: EP1906084A1] A modular LED unit (10) having a number of LED modules (12) separately mounted on individual interconnected preferably-extruded heat sinks (14), each heat sink having: a base (20) configured to engage and hold an LED module (12) in place and, in preferred forms, to facilitate the ganging of heat-sink/LED modules; and a plurality of fins, including inner-fins (30) and side-fins (40,50), projecting from the opposite surface (24) of the base (20) and extending therealong, the side-fins (40,50) having interlocking features to facilitate the ganging of heat-sink/module units together and, in preferred forms, to facilitate interconnection of the modular LED unit to other portions of a lighting fixture.

IPC 8 full level
F21V 29/00 (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21V 19/003 (2013.01 - EP); **F21V 29/75** (2013.01 - EP); **F21V 29/763** (2013.01 - EP US); **F21Y 2115/10** (2016.08 - EP US)

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)
EP 1906084 A1 20080402; **EP 1906084 B1 20100303**; AT E459845 T1 20100315; DE 602007005072 D1 20100415; ES 1067212 U 20080501; ES 1067212 Y 20080801

DOCDB simple family (application)
EP 07019054 A 20070927; AT 07019054 T 20070927; DE 602007005072 T 20070927; ES 200701985 U 20071001