

Title (en)
LED COOLING SYSTEM

Title (de)
LED-KÜHLUNGSSYSTEM

Title (fr)
SYSTÈME DE REFROIDISSEMENT POUR LED

Publication
EP 2753877 A1 20140716 (EN)

Application
EP 12772163 A 20120905

Priority
• US 201161531059 P 20110905
• US 2012053805 W 20120905

Abstract (en)
[origin: WO2013036538A1] Described is a cooling system for LED light source modules with a heat exchanger designed for automated luminaires cooling fans and efficienctly cool the LED light source module.

IPC 8 full level
F21V 29/02 (2006.01); **F21W 131/406** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21V 29/677 (2015.01 - EP US); **F21V 29/75** (2015.01 - EP US); **F21W 2131/406** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2013036538A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2013036538 A1 20130314; CN 103890489 A 20140625; EP 2753877 A1 20140716; EP 2753877 B1 20201104

DOCDB simple family (application)
US 2012053805 W 20120905; CN 201280051970 A 20120905; EP 12772163 A 20120905