

Title (en)  
A DISPLAY CABINET LUMINAIRE

Title (de)  
SCHAUKASTENLEUCHTE

Title (fr)  
LUMINAIRE D ARMOIRE VITRÉE

Publication  
**EP 2344807 A1 20110720 (EN)**

Application  
**EP 09744771 A 20091021**

Priority  

- IE 2009000073 W 20091021
- IE 20080864 A 20081023
- IE 20090624 A 20090813

Abstract (en)  
[origin: WO2010046887A1] A luminaire (1) comprises an elongate structure (2) extending along a longitudinal axis, and a linear array of light emitting diodes (3) mounted on a substrate (10) and extending along the longitudinal axis. There are top reflectors (4) adapted to reflect light emitted by the LEDs to both transverse sides of the luminaire while blocking light in a region between the two transverse sides. The top reflector comprises a pair of longitudinal reflective surfaces (15, 16), one on each side of the longitudinal axis of the luminaire, and these surfaces (15) meet at an inner end at an apex pointing towards the diode. Also, there are transverse reflective surfaces (17) for deflecting emitted light substantially parallel to the plane of the substrate and away from the longitudinal axis of the luminaire. The luminaire is particularly suitable for illuminating a display cabinet, as it avoids need for two separate linear arrays of LED for illuminating for example above and below a product shelf.

IPC 8 full level  
**F21S 4/00** (2006.01); **F21V 7/09** (2006.01); **F21W 131/305** (2006.01); **F21W 131/405** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**A47F 3/001** (2013.01 - EP); **F21S 4/24** (2016.01 - EP); **F21V 7/09** (2013.01 - EP US); **F21V 7/0008** (2013.01 - EP); **F21V 7/0066** (2013.01 - EP); **F21W 2131/305** (2013.01 - EP); **F21W 2131/405** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)  
See references of WO 2010046887A1

Designated contracting state (EPC)  
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)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010046887 A1 20100429**; EP 2344807 A1 20110720

DOCDB simple family (application)  
**IE 2009000073 W 20091021**; EP 09744771 A 20091021