

Title (en)  
LED ARRAY LUMINAIRES

Title (de)  
BELEUCHTUNGSKÖRPER MIT LEUCHTDIODENMATRIX

Title (fr)  
LUMINAIRES À RÉSEAU DE DEL

Publication  
**EP 2260677 A2 20101215 (EN)**

Application  
**EP 09719537 A 20090311**

Priority

- US 2009036862 W 20090311
- US 6892408 P 20080311
- US 10696708 P 20081020
- US 40241209 A 20090311

Abstract (en)  
[origin: WO2009114646A2] The present invention provides LED array systems with improved methods of powering LED in the array by monitoring the relationship between temperature and driving power to predict how much power can be safely applied to the LEDs. The present invention also provides for a control system for LED arrays that allows for display of images or light patterns across an array of luminaires over a low bandwidth control protocol. The present invention also provides for a LED array luminaire with reduced color fringing, light spill reduction and beam angle control.

IPC 8 full level  
**H05B 44/00** (2022.01)

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**H05B 45/28** (2020.01 - EP US); **H05B 45/56** (2020.01 - EP US); **H05B 47/18** (2020.01 - EP US)

Citation (search report)  
See references of WO 2009114646A2

Citation (examination)  
US 6473002 B1 20021029 - HUTCHISON MICHAEL C [US]

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