

Title (en)  
Light-emitting diode illumination platform

Title (de)  
Leuchtdiodenbeleuchtungsplattform

Title (fr)  
Plateforme d'éclairage doté de diodes électroluminescentes

Publication  
**EP 2405194 A1 20120111 (EN)**

Application  
**EP 10006922 A 20100705**

Priority  
EP 10006922 A 20100705

Abstract (en)  
The invention discloses a light-emitting diode illumination platform. When the form factor and the driving current of the light-emitting diode illumination platform are almost fixed, the light-emitting diode illumination platform could includes a certain quantity of light-emitting diodes to be driven by the driving current to light, and if the light-emitting diode illumination platform alternatively includes more light-emitting diodes, the light-emitting diode illumination platform could be driven by the same driving current to light in higher illumination. Similarly, the light-emitting diode illumination platform could alternatively include light-emitting diodes with high luminous efficiency. Thereby, the light-emitting diode illumination platform of the invention with fixed structure size has the advantage of providing different illumination by equipping with different quantities of light-emitting diodes or with light-emitting diodes with different luminous efficiencies.

IPC 8 full level  
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Citation (search report)

- [XYI] EP 1895227 A1 20080305 - NEOBULB TECHNOLOGIES INC [BN]
- [XYI] EP 1970967 A1 20080917 - NEOBULB TECHNOLOGIES INC [BN]
- [XYI] TW 258871 B
- [XYI] EP 1916648 A1 20080430 - NEOBULB TECHNOLOGIES INC [BN]
- [XI] EP 1933085 A1 20080618 - NEOBULB TECHNOLOGIES INC [BN]

Cited by  
CN104246366A; EP2839211A1

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