

Title (en)

Method for driving a LED

Title (de)

Verfahren zur LED-Ansteuerung

Title (fr)

Procédé de commande d'une DEL

Publication

EP 2015612 A3 20120208 (EN)

Application

EP 08160322 A 20080714

Priority

- EP 07112349 A 20070712
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Abstract (en)

[origin: EP2015611A1] The present invention relates to a method for driving a LED and to an illumination system comprising at least one LED. According to the present invention that LED is supplied with a driving pulse signal at a cycle equal to a unit of time, wherein said driving pulse signal having a peak value equal to n times of a prescribed current value and a duration of T/n' , and $n/n' \geq 1$. Thereby the light intensity is increased by n times while the power consumption is the same in comparison to driving that LED with a prescribed constant driving voltage and the prescribed constant driving current.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/46 (2020.01 - EP US)

Citation (search report)

- [X] US 6028694 A 20000222 - SCHMIDT GREGORY W [US]
- [A] WO 2007020556 A1 20070222 - PHILIPS INTELLECTUAL PROPERTY [DE], et al
- [T] GB 2408315 A 20050525 - RADIANT RES LTD [GB]

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