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(54) Method for driving a LED

(57) 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 a LED is driven by a pulse signal, wherein the pulse signal comprises pulses of a duration of T/n, wherein T is the duration of a single pulse and the corresponding pause in between two consecutive pulses and n is at least 2, and the current value of the pulses is at least double as much as the nominal constant current of said LED..

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.

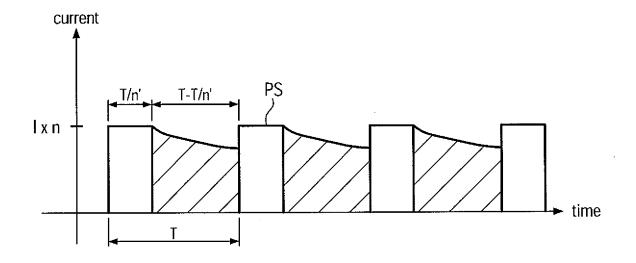


FIG. 8



EUROPEAN SEARCH REPORT

Application Number

EP 08 16 0322

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X : parti Y : parti docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotiment of the same category nological background written disclosure mediate document	T : theory or principle E : earlier patent doc after the filing dat ner D : document cited fr L : document cited fo	e underlying the i nument, but publi e n the application or other reasons	nvention shed on, or

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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