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(54) **LED lamp and method for operating the same**

(57) There is described a light lamp which can be supplied at mains voltage and a method for its operation, wherein the lamp includes at least one LED and at least

one PTC thermistor connected in series to the supply line of the LED. The dissipation of heat generated into the lamp is provided to keep the PTC thermistor at a predetermined substantially constant operating temperature.

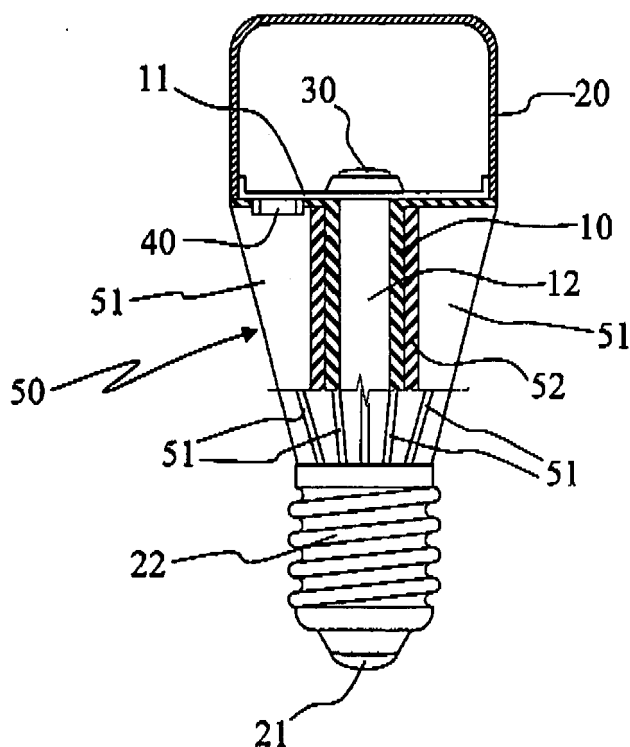


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 09 00 9400

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2007/139928 A1 (WANG SHAU C [TW] ET AL WANG SHAU CHEW [TW] ET AL) 21 June 2007 (2007-06-21) * paragraphs [0007] - [0015], [0038], [0040]; figures 1,3,4,5 * -----	1-9	INV. H05B33/08
			TECHNICAL FIELDS SEARCHED (IPC)
			H05B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 6 March 2012	Examiner Speiser, Pierre
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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		US 2007139928 A1	21-06-2007
