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(54) Title: LIGHTING DEVICE COMPRISING A MONITORING CIRCUIT

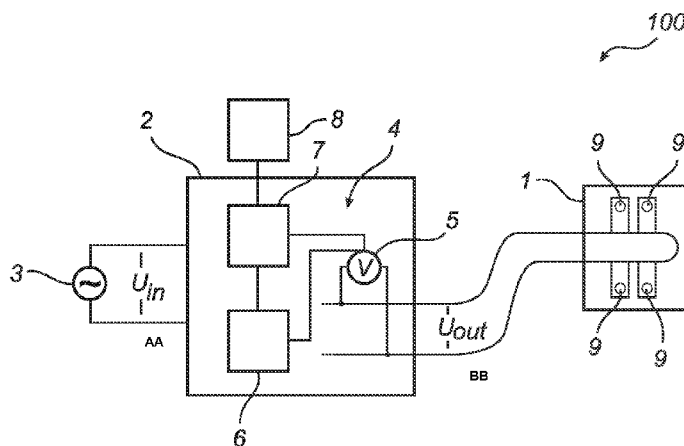


Fig. 1

(57) Abstract: According to the present invention, a lighting device (100) and a method of indicating an incipient failure in a lighting device are provided. The lighting device comprises a light source (1), a constant current driver (2) configured to provide an output voltage for driving the light source and a monitoring circuit (4). The monitoring circuit is configured to monitor the output voltage, detect when the output voltage exceeds a threshold and actuate a failure indicator (8) based on the detection. The present invention is advantageous in that notification about an upcoming failure in the lighting device may be obtained before the failure is complete, thereby preventing the occurrence of an imminent light out.

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**INTERNATIONAL SEARCH REPORT**

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PCT/IB2013/055880

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. H05B33/08 H05B37/03 H05B41/285 H05B41/292 H05B41/298  
 ADD.  
 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
 H05B B60Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 EPO-Internal, WPI Data, INSPEC, COMPENDEX, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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Y	page 1, paragraph 9-11; figures 2, 3 page 2, paragraph 22 - page 3, paragraph 33	7
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Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer <b>Brosa, Anna-Maria</b>
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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