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(72) Inventors; and

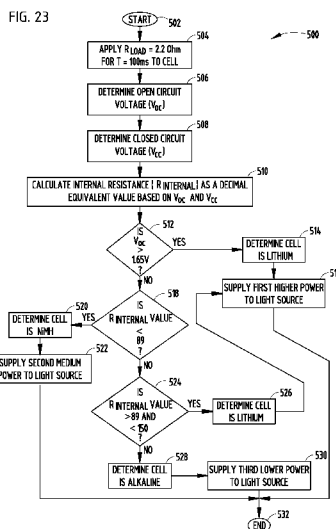
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(54) Title: LIGHTING DEVICE AND METHOD OF CONTROL BASED ON CHEMISTRY COMPOSITION OF POWER SOURCE



(57) Abstract: A lighting device is generally illustrated having a light body having forward facing light sources including a visible white light source, visible colored light source and an infrared light source. Additionally, a side facing light source is provided. The light body also includes switches for activating the visible light sources and a three-position switch for activating the IR light source and the side facing light source. The light source of the lighting device may further be controlled based on a detected chemistry composition of the power source

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/031698**A. CLASSIFICATION OF SUBJECT MATTER***F21V 33/00(2006.01)i, F21S 4/00(2006.01)i*

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)

IPC: F21V

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

Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal, Keyword: " (lighting|electric|electronic), device, (battery or chemical), type, detect and the similar terms")

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 7295129 B2(Eisenson) 13 November 2007 See abstract; Figs 1-5; column 7, line 52-column 8, line 33	1-38
A	US 7123155 B2(Schinner) 17 October 2006 See abstract; Figs 1-5; column 4, line 25-column 12, line 28	1-38
A	US 7110896 B2(Lamer et al.) 19 September 2006 See abstract; Figs 5-6; column 7, line 16-column 8, line 7	1-38
A	US 6995543 B2(Nunomaki et al.) 7 February 2006 See abstract; Fig 9; column 10, line 35-line 67	1-38

 Further documents are listed in the continuation of Box C. See patent family annex.

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Information on patent family members

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