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(54) Title: LED LAMP COLOR CONTROL SYSTEM AND METHOD

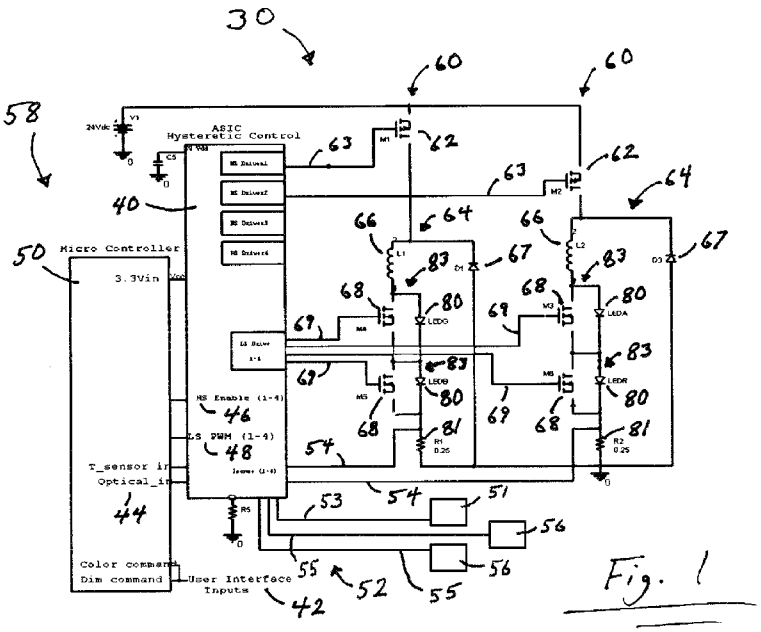


Fig. 1

(57) Abstract: An LED lamp color control system and method including an LED lamp having an LED controller 58; and a plurality of LED channels 60 operably connected to the LED controller 58, each of the plurality of LED channels 60 having a channel switch 62 in series with at least one shunted LED circuit 83, the shunted LED circuit 83 having a shunt switch 68 in parallel with an LED source 80. The LED controller 58 determines whether the LED source 80 is in a feedback controllable range, stores measured optical flux for the LED source 80 when the LED source 80 is in the feedback controllable range, and bypasses storing the measured optical flux when the LED source 80 is not in the feedback controllable range.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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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 practical, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 987 787 B1 (MICK PERRY J [US]) 17 January 2006 (2006-01-17) column 4, line 31 - line 46; figures 3,4,6 column 6, line 14 - line 46	1-20
A	US 2005/231459 A1 (FURUKAWA NORIMASA [JP]) 20 October 2005 (2005-10-20) figure 15	1-20
A	US 2006/164377 A1 (STRUEBEL MARK A [US] ET AL) 27 July 2006 (2006-07-27) abstract	1-20

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☒ See patent family annex.

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Information on patent family members

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