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(54) Title: SOLID STATE EMITTER PACKAGE INCLUDING MULTIPLE EMITTERS

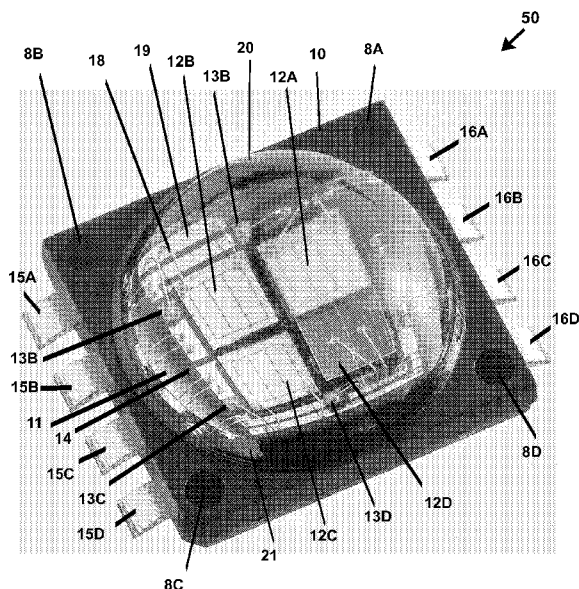


FIG. 1

(57) Abstract: A solid state emitter package includes a principally red solid state emitter having peak emissions within 590 nm to 680 nm, a principally blue solid state emitter having peak emissions within 400 nm to 480 nm, and at least one of a common lead-frame, common substrate, and common reflector, with the package being devoid of any principally green solid state emitters having peak emissions between 510 nm and 575 nm. A solid state emitter package may include at least one electrically conductive path associated with the solid state emitter package that is not in electrical communication with any solid state emitter of the solid state emitter package, with such electrically conductive path being susceptible to inclusion of a jumper or a control element.

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## INTERNATIONAL SEARCH REPORT

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PCT/US2010/050612**A. CLASSIFICATION OF SUBJECT MATTER***H01L 33/48(2010.01)i, H01L 33/62(2010.01)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)  
H01L 33/48; F21V 29/00; H01L 2715; H01L 33/00; F21V 23/00; H01L 23/495; H01L 33/62Documentation 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  
Japanese utility models and applications for utility modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS(KIPO internal) & Keywords: lead, solid state emitter, package**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2009-0236618 A1 (TAKAKI YASUDA) 24 September 2009 See the abstract, paragraph [0096], and figure 10	1,4-5,8 2-3,6-7,9-40
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A	US 2008-0101085 A1 (CHIEH-HSIU LIN et al.) 01 May 2008 See the abstract and figure 4	1-40
A	US 2007-0063321 A1 (KWAN YOUNG HAN et al.) 22 March 2007 See the abstract and figures 6, 10	1-40
A	JP 2003-273404 A (NIHON KAIHEIKI INDUSTRY CO., LTD.) 26 September 2003 See the abstract and figure 1	1-40
A	US 6812498 B1 (SEOUNG JU MOON) 02 November 2004 See the abstract and figure 2a	1-40

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Information on patent family members

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