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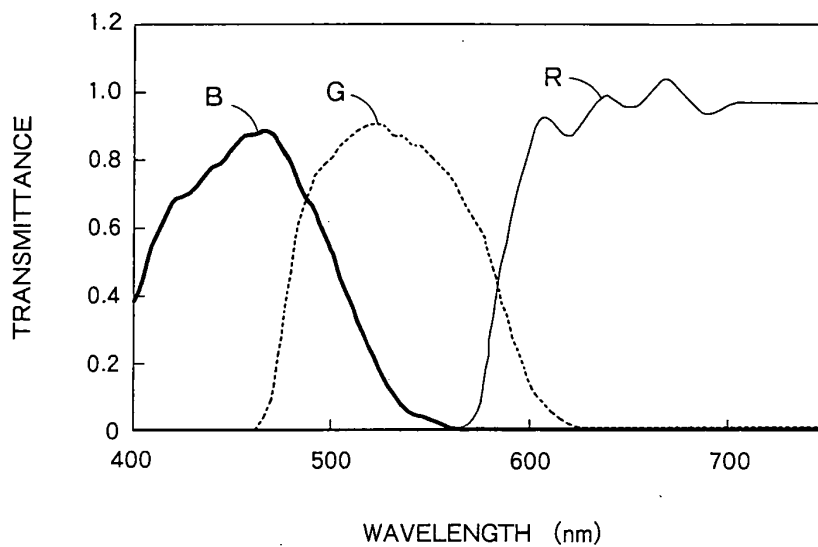
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(54) **Fluorescent material and light-emitting device employing the same**

(57) The embodiment provides a process for production of a green light-emitting oxynitride fluorescent material having  $Sr_3Al_3Si_{13}O_2N_{21}$  crystal structure, and also provides the fluorescent material produced by that process.

ess. An metal halide is adopted in the process as one of the starting material metal compounds. As the metal halide, a Ca or Na compound as well as a Sr compound can be preferably employed.



**FIG. 11**

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**INCOMPLETE SEARCH  
SHEET C**

Application Number  
EP 10 25 1530

Claim(s) completely searchable:

-

Claim(s) searched incompletely:

6-13

Claim(s) not searched:

1-5

Reason for the limitation of the search:

The search has been restricted to the subject-matter indicated by the applicant in his letter of 22 December 2010 filed in reply to the invitation pursuant to Rule 62a(1) and Rule 63(1) EPC; i.e. to claims 6-13 wherein M' is an alkaline earth metal, M° is Ca or Na and R is Eu.

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 10 25 1530

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

专利名称(译)	荧光材料和采用该荧光材料的发光装置		
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优先权	2010034907 2010-02-19 JP		
其他公开文献	EP2361960B1 EP2361960A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

该实施方案提供了制备具有Sr<sub>3</sub>Al<sub>3</sub>Si<sub>13</sub>O<sub>2</sub>N<sub>21</sub>晶体结构的绿色发光氧氮化物荧光材料的方法，并且还提供了通过该方法制备的荧光材料。在该方法中采用金属卤化物作为原料金属化合物之一。作为金属卤化物，可以优选使用Ca或Na化合物以及Sr化合物。

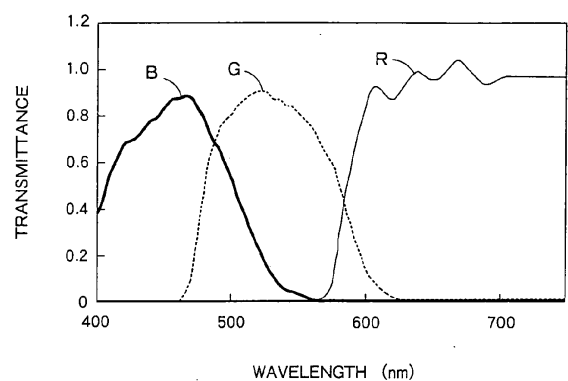


FIG. 11