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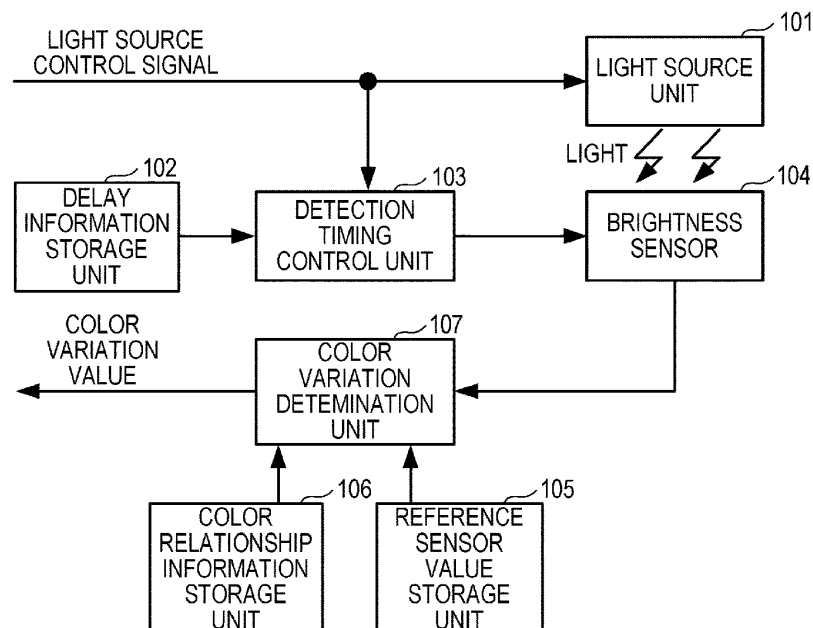
(30) Priority: **15.06.2017 JP 2017117563**

(54) **LIGHT-EMITTING APPARATUS, DISPLAY APPARATUS, AND INFORMATION-PROCESSING APPARATUS**

(57) A light-emitting apparatus includes: a light source configured to emit light of a first color in response to input of a drive signal, and emit light of a second color after a predetermined time elapses following emission of the light of the first color; a setting unit configured to set a first detection period for detecting a brightness of the light of the first color within a period during which the

drive signal is input into the light source, and set a second detection period for detecting a brightness of the light of the second color within a period during which the drive signal is not input into the light source; and a detecting unit configured to obtain a detection value corresponding to the brightness of the light emitted from the light source during each of the set first and second detection periods.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 18 17 3756

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2006/134029 A1 (SONY ERICSSON MOBILE COMM AB [SE]; KLEVERMAN MATS [SE]; KLINGHULT GUNN) 21 December 2006 (2006-12-21) * page 6, line 15 - page 7, line 33; figure 1 *	1-6, 11-14, 16-21, 26-28,30	INV. G09G3/34 G09G3/36
A	US 2012/032600 A1 (EDWARDS CHARLES OWEN [US] ET AL) 9 February 2012 (2012-02-09) * paragraphs [0003], [0005], [0011] - [0012], [0013], [0015], [0020] - [0021], [0026], [0029], [0030], [0033], [0034], [0036]; figures 1-2 *	1-6, 10-21, 25-30	
A	US 2016/358557 A1 (MORI AKIHIRO [JP]) 8 December 2016 (2016-12-08) * paragraphs [0002], [0006], [0008], [0011] - [0014], [0040], [0055] - [0066], [0071] - [0076], [0079], [0082], [0087] - [0088]; figures 6-8,10-12 *	1-6, 10-21, 25-30	TECHNICAL FIELDS SEARCHED (IPC)
A	US 2006/114201 A1 (CHANG CHIN [US]) 1 June 2006 (2006-06-01) * paragraphs [0001] - [0003], [0004], [0006], [0008] - [0010], [0022] - [0030], [0037]; figures 1-7 *	1-6, 10-21, 25-30	G09G H05B H01L G02F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 29 October 2018	Examiner Taron, Laurent
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)



Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-6, 10-21, 25-30

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



LACK OF UNITY OF INVENTION
SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-6, 10-21, 25-30

Determining color information of light emitted by a light source emitting light of a first and of a second color on the basis of brightness measurement of light of the first color and light of the second color

2. claims: 7-9, 22-24

Measuring brightness of a target light source when light sources located at the periphery of the target light source do not emit light

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

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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
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29-10-2018

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WO 2006134029 A1	21-12-2006	KR 20080030610 A WO 2006134029 A1	04-04-2008 21-12-2006
US 2012032600 A1	09-02-2012	EP 2603731 A1 TW 201212277 A US 2012032600 A1 WO 2012021457 A1	19-06-2013 16-03-2012 09-02-2012 16-02-2012
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专利名称(译)	发光装置，显示装置和信息处理装置		
公开(公告)号	EP3425622A3	公开(公告)日	2019-03-20
申请号	EP2018173756	申请日	2018-05-23
[标]申请(专利权)人(译)	佳能株式会社		
申请(专利权)人(译)	佳能株式会社		
当前申请(专利权)人(译)	佳能株式会社		
[标]发明人	TADA MITSURU		
发明人	TADA, MITSURU		
IPC分类号	G09G3/34 G09G3/36		
CPC分类号	G09G3/3413 G09G3/3607 G09G3/3406 G09G3/36 G09G2320/0242 G09G2320/064 G09G2320/0666 G09G2340/06 G09G2360/145 H05B45/22 G02F1/133603 G02F1/133611 H05B45/10		
代理机构(译)	TBK		
优先权	2017117563 2017-06-15 JP		
其他公开文献	EP3425622A2		
外部链接	Espacenet		

摘要(译)

一种发光装置，包括：光源，被配置为响应于驱动信号的输入而发出第一颜色的光，并且在发出第一颜色的光之后经过预定时间之后发出第二颜色的光；设置单元，被配置为在驱动信号被输入光源的时段内设置用于检测第一颜色的光的亮度的第一检测时段，并设置用于检测光的亮度的第二检测时段。在驱动信号未输入光源的时间段内的第二种颜色；检测单元，被配置为在所设置的第一和第二检测时段中的每一个期间获得与从光源发出的光的亮度对应的检测值。

FIG. 1

