

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.09.2018 Bulletin 2018/39

(51) Int Cl.:
G09G 3/3225 (2016.01)

(43) Date of publication A2:
28.03.2018 Bulletin 2018/13

(21) Application number: **17193303.9**

(22) Date of filing: **26.09.2017**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
 Designated Extension States:
BA ME
 Designated Validation States:
MA MD

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(30) Priority: **26.09.2016 KR 20160123234**

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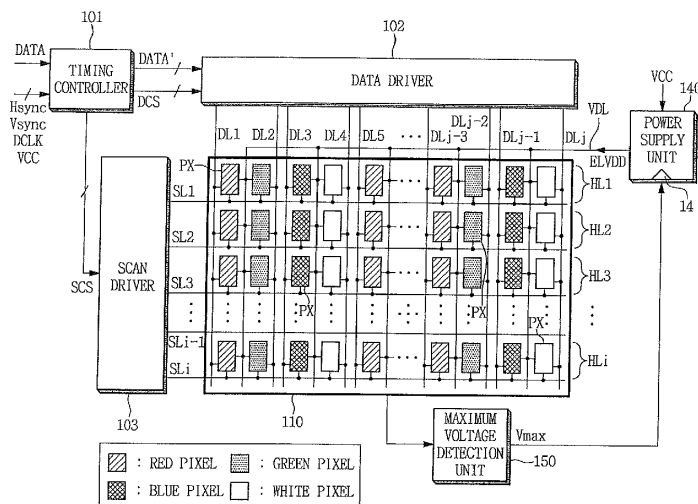
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(54) **LIGHT EMITTING DISPLAY DEVICE**

(57) A light emitting display device including: a display panel; a plurality of pixels included in the display panel, each of the plurality of pixels including a driving switching element connected to a first power line and a light emitting element connected to a second power line; a maximum voltage detection unit for detecting a voltage

from each of the light emitting elements of each of the pixels and outputting a maximum voltage that has a highest voltage level among the detected voltages; and a power supply unit for correcting a first driving voltage based on the maximum voltage and applying the corrected first driving voltage to the first power line.

FIG. 1





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Application Number
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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	US 2012/169704 A1 (CHUNG HO-RYUN [KR]) 5 July 2012 (2012-07-05) * paragraphs [0003], [0037], [0044], [0121], [0124] - [0126], [0166], [0167]; figure 8A *	1-15	INV. G09G3/3225
A	US 2006/202913 A1 (HAYAFUJI AKINORI [JP]) 14 September 2006 (2006-09-14) * paragraphs [0050], [0051]; figures 6-9 *	1-15	
A	US 2013/154506 A1 (EBISUNO KOUHEI [JP] ET AL) 20 June 2013 (2013-06-20) * the whole document *	1-15	
			TECHNICAL FIELDS SEARCHED (IPC)
			G09G
-The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 May 2018	Examiner Fanning, Neil
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 03/02 (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.

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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):

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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.

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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:

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see sheet B

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

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

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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:

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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:

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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
EP 17 19 3303

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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:

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1. claims: 1-23

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A light emitting display device comprising a display panel, a maximum voltage detection unit that detects the maximum voltage out of all the light emitting elements of the display panel, and a power supply unit that corrects the driving voltage supplied to all the pixels on this basis

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2. claim: 24

A light emitting display device comprising a display panel in which the light-emitting element of a single pixel is connected via a diode to a power supply, said power supply providing a constant power to each of the pixels.

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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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11-05-2018

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EPO FORM P0459

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

专利名称(译)	发光显示装置		
公开(公告)号	EP3300065A3	公开(公告)日	2018-09-26
申请号	EP2017193303	申请日	2017-09-26
[标]申请(专利权)人(译)	三星显示有限公司		
申请(专利权)人(译)	三星DISPLAY CO. , LTD.		
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IPC分类号	G09G3/3225		
CPC分类号	G09G3/3233 G09G3/3225 G09G3/3258 G09G3/3266 G09G2300/0866 G09G2310/08 G09G2320/0285 G09G2320/0295 G09G2330/021 G09G2330/028		
审查员(译)	范宁, NEIL		
优先权	1020160123234 2016-09-26 KR		
其他公开文献	EP3300065A2		
外部链接	Espacenet		

摘要(译)

一种发光显示装置, 包括: 显示面板, 包括在显示面板中的多个像素, 多个像素中的每一个包括连接到第一电源线的驱动开关元件和连接到第二电源线的发光元件; 最大电压检测单元, 用于检测来自每个像素的每个发光元件的电压, 并输出检测到的电压中具有最高电压电平的最大电压; 电源单元, 用于根据最大电压校正第一驱动电压, 并将校正的第一驱动电压施加到第一电源线。

		EUROPEAN SEARCH REPORT		Application Number EP 17 19 3303
DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claims	CLASSIFICATION OF THE PRIORITY (IPC)	
X	US 2012/169704 A1 (CHUNG HO-RYUN [KR]) 5 July 2012 (2012-07-05) * paragraphs [0003], [0037], [0044], [0121], [0124], [0126], [0166], [0167]; figures 8A - - - -	1-15	INV. G09G3/3225	
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A	US 2013/154506 A1 (EBISUNO KOUHEI [JP] ET AL.) 20 June 2013 (2013-06-20) * the whole document * - - - -	1-15		
<i>-The present search report has been drawn up for all claims-</i>				
Place of search		Date of completion of the search		Examiner
The Hague		11 May 2018		Fanning, Neil
CATEGORY OF CITED DOCUMENTS				
X : particularly relevant if taken alone Y : particularly relevant if considered with another document of the same category A : technological background P : intermediate document			Z : there is priority underlying the invention E : earlier patent document, but published on, or after, the filing date of the application L : document cited for other reasons A : member of the same patent family, corresponding document	