



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
02.06.2010 Bulletin 2010/22

(51) Int Cl.:
G09G 3/32^(2006.01)

(43) Date of publication A2:
22.07.2009 Bulletin 2009/30

(21) Application number: **09150727.7**

(22) Date of filing: **16.01.2009**

(84) Designated Contracting States:
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 SE SI SK TR
Designated Extension States:
AL BA RS

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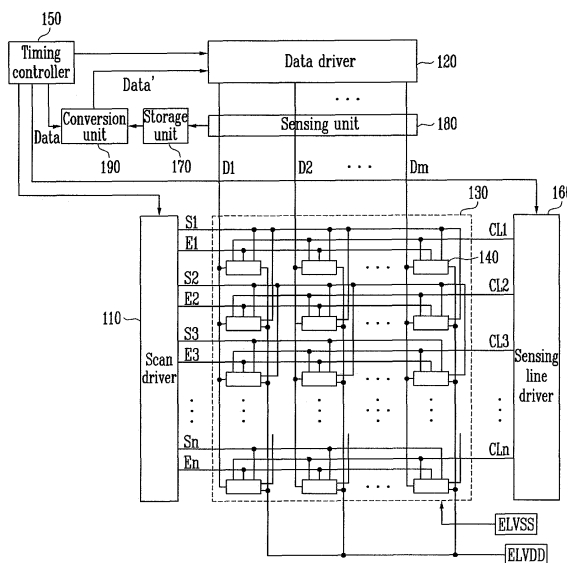
(30) Priority: **18.01.2008 KR 20080005615**

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(54) **Organic light emitting display and driving method thereof**

(57) An organic light emitting display includes a plurality of pixels arranged at intersecting points of data lines, scan lines and light emitting control lines; a sensing unit extracting a signal corresponding to a degradation level of organic light emitting diodes provided in each of the pixels; a storage unit storing the signal obtained from the sensing unit, calculating degradation level information of the organic light emitting diodes using the stored signal and storing the calculated information; a conversion unit for converting an input data (Data) into a correction data (Data') using the degradation level information stored in the storage unit; and a data driver for receiving the correction data (Data') outputted from the conversion unit and generating data signals to be supplied to the circuits.

FIG. 2





EUROPEAN SEARCH REPORT

Application Number
EP 09 15 0727

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 2007/036837 A2 (PHILIPS INTELLECTUAL PROPERTY [DE]; KONINKL PHILIPS ELECTRONICS NV [NL] 5 April 2007 (2007-04-05)	1	INV. G09G3/32
A	* abstract * * page 1, line 5 - line 18 * * figures 1,2b * * page 6, line 16 - page 7, line 30 *	2-11	
X	WO 2005/109389 A1 (THOMSON LICENSING SA; MARX THILO [DE]; SCHEMMANN HEINRICH [DE]) 17 November 2005 (2005-11-17)	1	
A	* page 11, line 5 - line 20; figure 10 * * page 12; figures 12,13 *	2-11	
X	WO 2007/090287 A1 (IGNIS INNOVATION INC [CA]; NATHAN AROKIA [CA]; CHAJI REZA G [CA]) 16 August 2007 (2007-08-16)	1	
A	* abstract * * paragraph [0081] - paragraph [0096]; figures 26-30 *	2-11	

TECHNICAL FIELDS SEARCHED (IPC)			
G09G			
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 28 April 2010	Examiner Adarska, Veneta
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			

2

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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28-04-2010

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专利名称(译)	有机发光显示器及其驱动方法		
公开(公告)号	EP2081176A3	公开(公告)日	2010-06-02
申请号	EP2009150727	申请日	2009-01-16
[标]申请(专利权)人(译)	三星显示有限公司 IND UNIV合作FOUND		
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当前申请(专利权)人(译)	产学合作基础HANYANG 三星DISPLAY CO. , LTD.		
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IPC分类号	G09G3/32		
CPC分类号	G09G3/3225 G09G3/3233 G09G3/3275 G09G2300/0842 G09G2300/0861 G09G2320/0233 G09G2320/0295 G09G2320/043 G09G2320/045		
优先权	1020080005615 2008-01-18 KR		
其他公开文献	EP2081176B1 EP2081176A2		
外部链接	Espacenet		

摘要(译)

有机发光显示器包括布置在数据线,扫描线和发光控制线的交叉点处的多个像素;感测单元,提取与每个像素中提供的有机发光二极管的劣化水平相对应的信号;存储单元,存储从感测单元获得的信号,使用存储的信号计算有机发光二极管的劣化水平信息并存储计算的信息;转换单元,用于使用存储在存储单元中的劣化级别信息将输入数据(Data)转换为校正数据(Data');数据驱动器,用于接收从转换单元输出的校正数据(Data'),并产生要提供给电路的数据信号。

FIG. 2

