



(11) **EP 1 936 595 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**05.08.2009 Bulletin 2009/32**

(51) Int Cl.:  
**G09G 3/32<sup>(2006.01)</sup>**

(43) Date of publication A2:  
**25.06.2008 Bulletin 2008/26**

(21) Application number: **07123517.0**

(22) Date of filing: **18.12.2007**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR**  
Designated Extension States:  
**AL BA HR MK RS**

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(30) Priority: **19.12.2006 KR 20060130107**  
**19.12.2006 KR 20060130108**

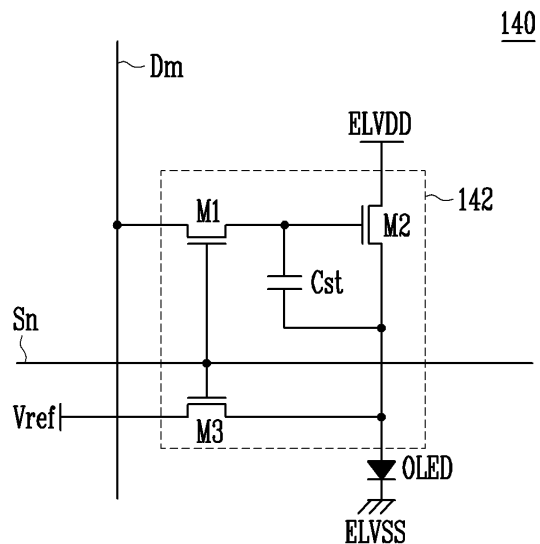
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(54) **Pixel, display using the same, and driving method for the same**

(57) A pixel may include a light emitting element (OLED), a first transistor (M1), a second transistor (M2), a storage capacitor (Cst), and a third transistor (M3). The first transistor may be configured to transfer a data signal to a data line (Dm) when a scan signal is supplied to a scan line (Sn). The second transistor may be configured to supply a predetermined electric current from a first power supply (ELVDD) to a second power supply (Vref) through the light emitting element. The storage capacitor may be charged with a voltage corresponding to the data signal, one terminal being coupled to a gate electrode of the first transistor, and another terminal being coupled to the organic light emitting diode. The third transistor may supply a voltage of a reference power supply to the light emitting element when the scan signal is supplied to the scan line.

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number  
EP 07 12 3517

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Y	* page 9, line 13 - page 10, line 31 * * figures 3,4 *	6-8,12	
Y	----- US 2003/111966 A1 (MIKAMI YOSHIRO [JP] ET AL MIKAMI YOSHIRO [JP] ET AL) 19 June 2003 (2003-06-19) * paragraph [0070] - paragraph [0075]; figures 8-9 * -----	6-8,12	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			G09G
Place of search		Date of completion of the search	Examiner
The Hague		18 June 2009	Husselin, Stephane
CATEGORY OF CITED DOCUMENTS		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	
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			

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EPC FORM 1503.03.02 (F04G01)

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

EP 07 12 3517

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18-06-2009

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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)	像素，使用其的显示器及其驱动方法		
公开(公告)号	<a href="#">EP1936595A3</a>	公开(公告)日	2009-08-05
申请号	EP2007123517	申请日	2007-12-18
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IPC分类号	G09G3/32		
CPC分类号	G09G3/3233 G09G2300/0861 G09G2320/0233 G09G2320/043		
优先权	1020060130108 2006-12-19 KR 1020060130107 2006-12-19 KR		
其他公开文献	EP1936595A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

像素可以包括发光元件 ( OLED )，第一晶体管 ( M1 )，第二晶体管 ( M2 )，存储电容器 ( Cst ) 和第三晶体管 ( M3 )。第一晶体管可以被配置为当扫描信号被提供给扫描线 ( Sn ) 时将数据信号传输到数据线 ( Dm )。第二晶体管可以被配置为通过发光元件从第一电源 ( ELVDD ) 向第二电源 ( Vref ) 提供预定电流。存储电容器可以用对应于数据信号的电压充电，一个端子耦合到第一晶体管的栅极，另一个端子耦合到有机发光二极管。当扫描信号被提供给扫描线时，第三晶体管可以向发光元件提供参考电源的电压。

