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(54) Electroluminescent display device

(57) A display device capable of preventing a reduction of an electric charge stored in a gate electrode of an EL driver TFT, reduction due to a leak current of a switching TFT, and capable of preventing a reduction of the brightness of light emitted by an EL element is provided. One region of a source region and a drain region of a switching TFT is connected to an input side of an SRAM, and an output side of the SRAM and a gate electrode of the EL driver TFT are connected. The SRAM stores an input digital data signal until the next digital data signal is input.

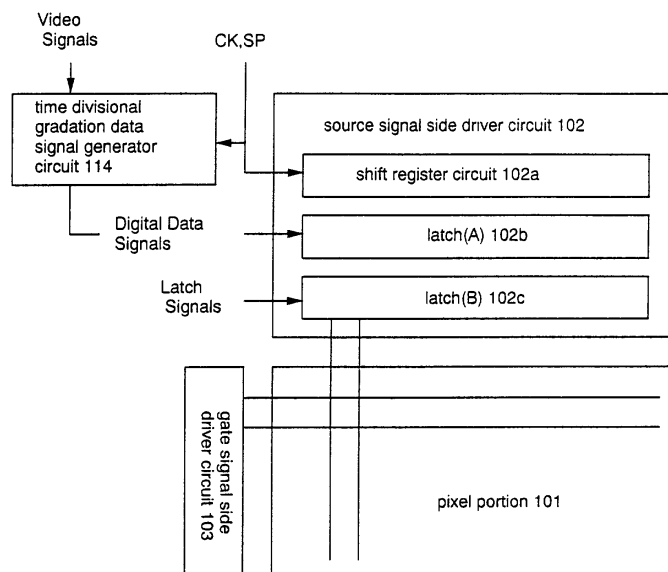


Fig.1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 12 4155

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Y	* abstract; figures 1-4 * * column 1, line 1 - column 2, line 11 * * column 3, line 15 - column 5, line 12 * -----	3-7	
Y	US 5 274 597 A (OHBA YASHI ET AL) 28 December 1993 (1993-12-28) * figures 3a,3b *	4-7	
Y	US 5 945 972 A (OKUMURA ET AL) 31 August 1999 (1999-08-31) * figure 9 *	4,5	
Y	WO 98/33165 A (CASIO COMPUTER CO., LTD) 30 July 1998 (1998-07-30) * abstract * -----	3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G09G H01L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 March 2005	Examiner Fulcheri, A
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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 12 4155

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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23-03-2005

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专利名称(译)	电致发光显示装置		
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CPC分类号	H01L27/1214 G09G3/2018 G09G3/2022 G09G3/3266 G09G3/3291 G09G2300/0408 G09G2300/0842 G09G2300/0857 G09G2320/0233		
优先权	1999337004 1999-11-29 JP 1999316935 1999-11-08 JP		
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外部链接	Espacenet		

摘要(译)

一种显示装置，能够防止存储在EL驱动TFT的栅电极中的电荷减少，由于开关TFT的漏电流而减少，并且能够防止EL元件发出的光的亮度降低提供。开关TFT的源区和漏区的一个区域连接到SRAM的输入侧，并且SRAM的输出侧和EL驱动TFT的栅电极连接。SRAM存储输入数字数据信号，直到输入下一个数字数据信号。

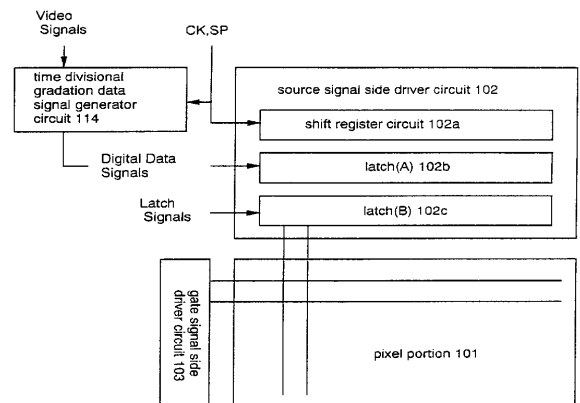


Fig.1