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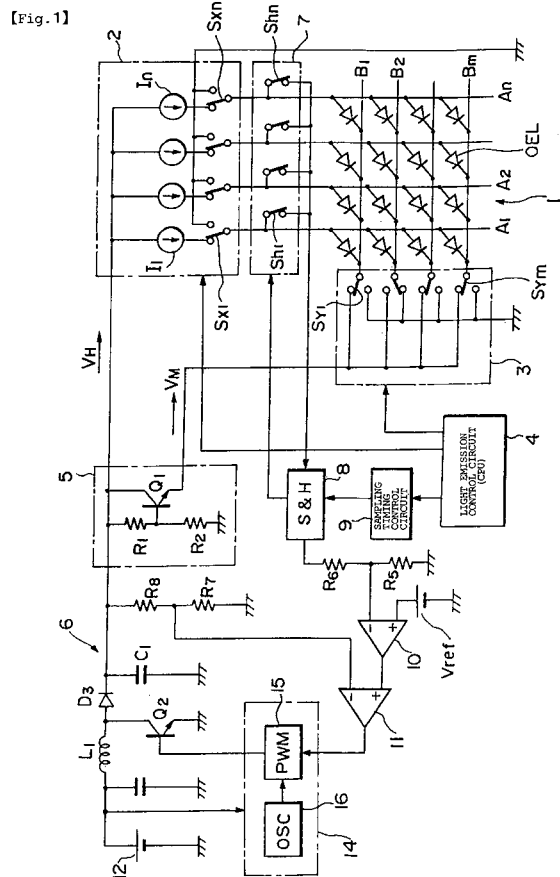
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(54) **Drive method of light-emitting display panel and organic EL display device**

(57) Light-emitting elements disposed on a light-emitting display panel are driven by constant currents, and the forward direction voltages of the light-emitting elements are obtained by a sampling/holding circuit. Then, the voltage output from a drive voltage source composed of a DC-DC converter is controlled by the forward direction voltages obtained by the sampling/holding circuit. For example, in a case in which the light emission luminance of the light-emitting display panel is changed or in other case, a sampling and holding operation is executed by the sampling/holding circuit in response to a control signal from a sampling timing control circuit at intervals shorter than ordinary intervals. With this arrangement, when light emission luminance of a light-emitting display panel is changed, the gentle changing characteristics of the light emission luminance thereof can be improved.



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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 5 594 463 A (SAKAMOTO MITSUNAO [JP]) 14 January 1997 (1997-01-14) * column 2, lines 3-12; figures 6-8,10-12 * * column 5, lines 16-21 * * column 7, line 6 - column 8, line 14 * * column 9, lines 44-48 * -----	1,3,5, 7-25	INV. G09G3/32
X	US 2001/013758 A1 (TSURUOKA YOSHIHISA [JP] ET AL) 16 August 2001 (2001-08-16) * paragraphs [0011], [0029], [0031], [0044], [0045]; figures 2b,4 * -----	1,3,5, 7-25	
			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 2 April 2008	Examiner Vázquez del Real, S
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	

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

EP 02 02 4912

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-04-2008

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

专利名称(译)	发光显示面板的驱动方法和有机EL显示装置		
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优先权	2002009808 2002-01-18 JP		
其他公开文献	EP1329873A2		
外部链接	Espacenet		

摘要(译)

设置在发光显示板上的发光元件由恒定电流驱动，并且发光元件的正向电压通过采样/保持电路获得。然后，由DC-DC转换器组成的驱动电压源输出的电压由采样/保持电路获得的正向电压控制。例如，在发光显示面板的发光亮度改变的情况下或在其他情况下，响应于来自采样定时控制的控制信号，采样/保持电路执行采样和保持操作。电路间隔短于普通间隔。利用这种布置，当改变发光显示面板的发光亮度时，可以改善其发光亮度的平缓变化特性。

