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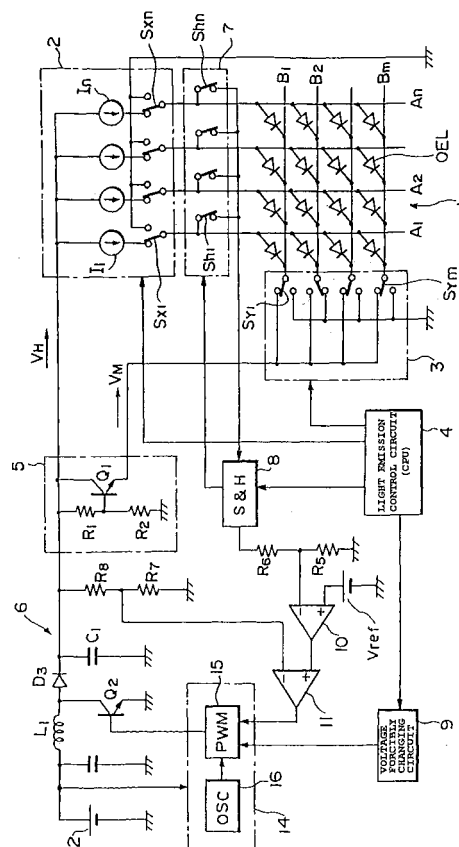
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(54) **Drive method of light-emitting display and organic EL display device**

(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, when the light-emitting display panel starts to be driven for light emission or when the light emission luminance of the light-emitting display panel that is being driven for light emission is to be increased, a control signal is sent from a light emission control circuit to a voltage forcibly changing circuit which supplies an output voltage increase command to the PWM circuit of the drive voltage source. With this arrangement, the rising-up property of the light-emitting display panel and the following property of luminance can be improved.

[FIG. 1]





European Patent
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EUROPEAN SEARCH REPORT

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)
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			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 27 November 2006	Examiner VAZQUEZ 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
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EP 02 02 4913

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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专利名称(译)	发光显示器的驱动方法和有机EL显示装置		
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其他公开文献	EP1341147A2		
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，当发光显示面板开始被驱动用于发光时或者当要增加用于发光的发光显示面板的发光亮度时，从灯发送控制信号发射控制电路到电压强制改变电路，该电路向驱动电压源的PWM电路提供输出电压增加命令。利用这种布置，可以提高发光显示面板的上升特性和以下亮度特性。

【FIG. 1】

