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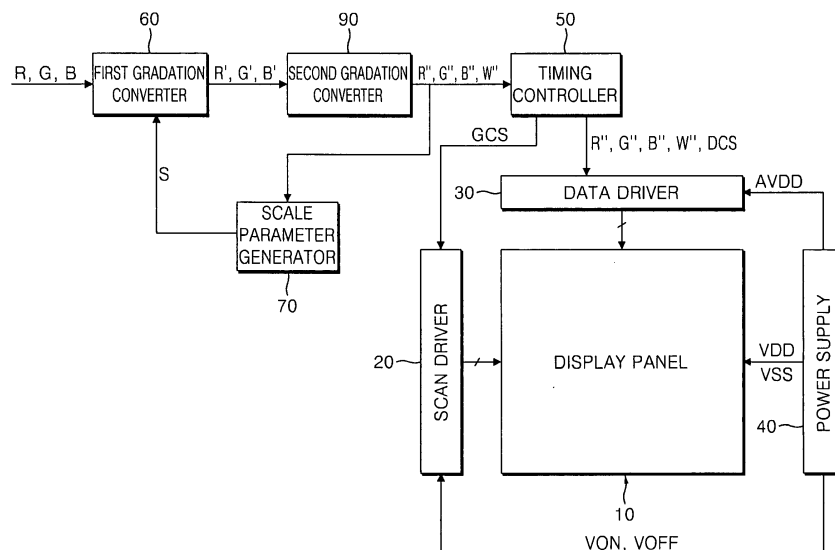
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(54) **Organic light emitting display device and method of driving the same**

(57) An organic light emitting display which includes a display panel having a pixel cell formed in a region defined by gate lines and data lines perpendicularly crossing each other, a power supply which supplies current to the display panel, a scan driver which supplies a scan signal to a gate line, a data driver which supplies a data voltage to a data line, a timing controller which supplies a control signal to the scan driver and the data driver

and an converted pixel data signal to the data driver, a gradation converter which converts a gradation of a pixel data signal inputted and supplies the converted pixel data signal to the timing controller, and a scale parameter generator which generates a scale parameter through the converted pixel data signal and supplies the scale parameter to the gradation converter, when the next pixel data signal is inputted to the gradation converter.

FIG. 6



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) G09G
Place of search The Hague		Date of completion of the search 5 February 2009	Examiner Bellatalla, Filippo
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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专利名称(译)	有机发光显示装置及其驱动方法		
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摘要(译)

一种有机发光显示器，包括：显示面板，具有形成在由栅极线和数据线彼此垂直交叉限定的区域中的像素单元；电源，向显示面板提供电流；扫描驱动器，提供扫描信号到栅极线，向数据线提供数据电压的数据驱动器，向扫描驱动器和数据驱动器提供控制信号的定时控制器和向数据驱动器提供的转换后的像素数据信号，用于转换a的灰度转换器输入的像素数据信号的灰度级和将转换的像素数据信号提供给时序控制器，以及通过转换的像素数据信号产生比例参数的比例参数发生器，并且当下一个像素数据时将比例参数提供给灰度转换器信号输入到灰度转换器。

