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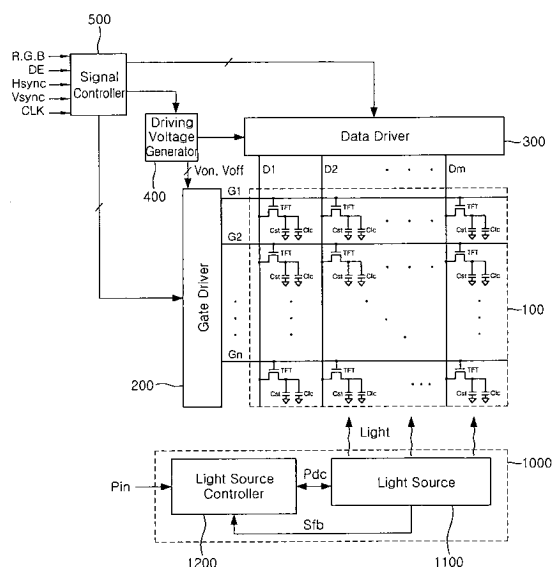
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(54) **Light-source module for display device and display device having the same**

(57) A light-source module for a display device and a display device having the same, in which the light-source module includes a plurality of light-emitting units, a current difference controller, and a converter. The light-emitting units are connected in parallel between a driving power input terminal and a ground terminal to emit light by the driving power and to output respective feedback control signals. The current difference controller is configured to output a plurality of power control signals according to the respective feedback control signals. The converter is configured to change a current of the driving power provided to the light-emitting units according to the power control signals. The amounts of currents flowing through the light emitting units each having a plurality of light emitting diodes are measured and the levels of voltages applied to the light-emitting units are changed according to the measurement results. Accordingly, a current difference between the light emitting units can be reduced and the brightness uniformity of the light source can be improved.

FIG. 1





EUROPEAN SEARCH REPORT

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Place of search The Hague		Date of completion of the search 11 June 2010	Examiner Ladiray, Olivier
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)	用于显示装置的光源模块和具有该光源模块的显示装置		
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摘要(译)

一种用于显示装置的光源模块和具有该光源模块的显示装置，其中所述光源模块包括多个发光单元，电流差控制器和转换器。发光单元并联连接在驱动电源输入端子和接地端子之间，以通过驱动电源发光并输出相应的反馈控制信号。电流差控制器被配置为根据相应的反馈控制信号输出多个功率控制信号。转换器被配置为根据功率控制信号改变提供给发光单元的驱动功率的电流。测量流过各自具有多个发光二极管的发光单元的电流，并根据测量结果改变施加到发光单元的电压电平。因此，可以减小发光单元之间的电流差异，并且可以提高光源的亮度均匀性。

FIG 1

