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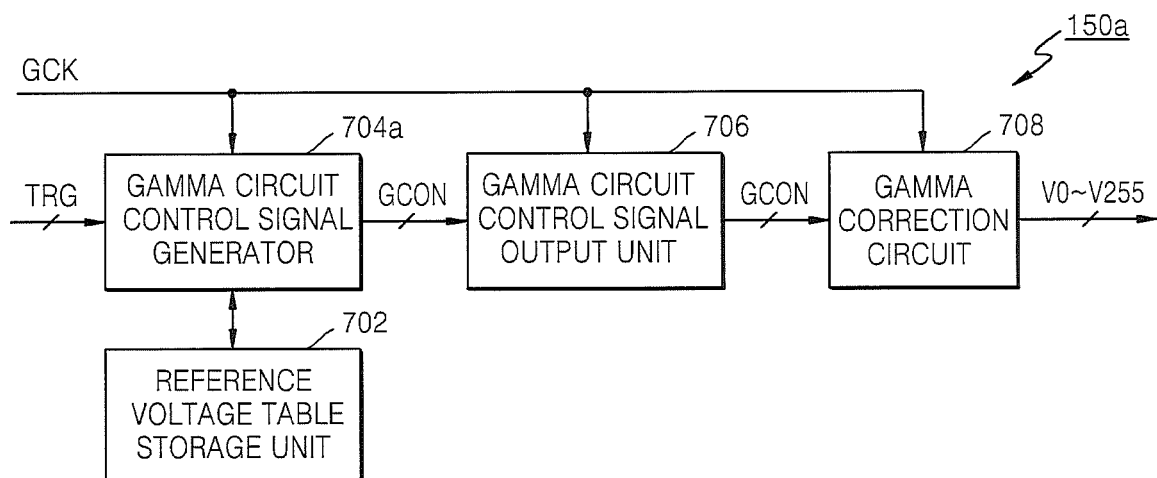
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(54) **Apparatus and method for generating gray-scale voltage, and organic electroluminescent display device**

(57) An apparatus and method for performing natural luminance adjustment by adjusting voltage levels of gray-scale voltages of a display device through a plurality

of steps and determining gray-scale voltage levels of intermediate luminance levels using predetermined data when a luminance level of the display device is adjusted.

FIG. 7





EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 June 2016	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
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5 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)	用于产生灰度电压的装置和方法，以及有机电致发光显示装置		
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申请(专利权)人(译)	三星移动显示器有限公司.		
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优先权	1020100075671 2010-08-05 KR		
其他公开文献	EP2442295B1 EP2442295A2		
外部链接	Espacenet		

摘要(译)

一种装置和方法，用于通过多个步骤调整显示装置的灰度电压的电压电平来执行自然亮度调节，并且当显示装置的亮度级为时，使用预定数据确定中间亮度级的灰度电压电平。调整。

FIG. 7

