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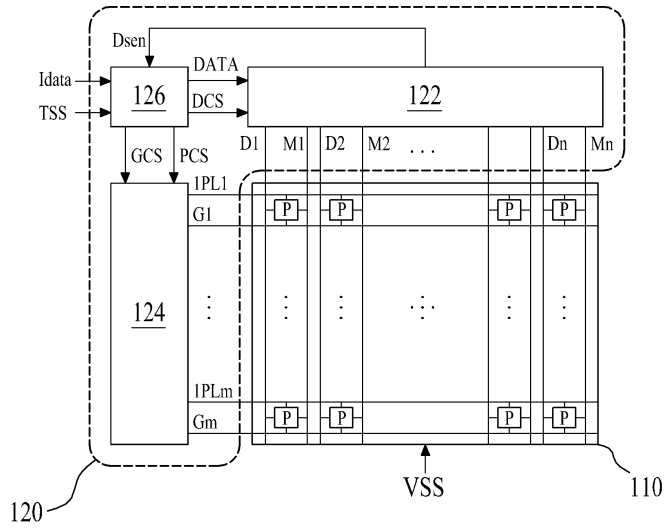
(54) Organic light emitting display device

(57) An organic light emitting display device includes a panel driver and a display panel including a plurality of pixels having a pixel circuit, a first driving voltage terminal connected to the driving transistor, a light emitting element, a second driving voltage terminal connected to the light emitting element, and a capacitor connected between a gate and source electrode of the driving transistor, the panel driver to drive the pixel circuit in a data charging period in which a difference between a data and reference voltage is charged into the capacitor, and a light emitting period in which the driving transistor receives a first driving voltage from the first driving voltage terminal and is turned on according to the voltage charged into the capacitor during the data charging period, whereby a current is supplied to the light emitting element which thereby emits light.

FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 13 19 0841

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	7 January 2015	Ladiray, Olivier

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X : particularly relevant if taken alone
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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)	有机发光显示装置		
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[标]申请(专利权)人(译)	乐金显示有限公司		
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审查员(译)	LADIRAY , OLIVIER		
优先权	1020120132996 2012-11-22 KR		
其他公开文献	EP2736039A2 EP2736039B1		
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摘要(译)

一种有机发光显示装置，包括面板驱动器和显示面板，所述显示面板包括具有像素电路的多个像素，连接到所述驱动晶体管的第一驱动电压端子，发光元件，连接到所述发光的第二驱动电压端子元件和连接在驱动晶体管的栅极和源极之间的电容器，用于在数据充电时段中驱动像素电路的面板驱动器，其中数据和参考电压之间的差被充入电容器，以及发光驱动晶体管从第一驱动电压端接收第一驱动电压并根据在数据充电期间充入电容器的电压导通的时段，从而将电流提供给发光元件，从而发光。

FIG. 2