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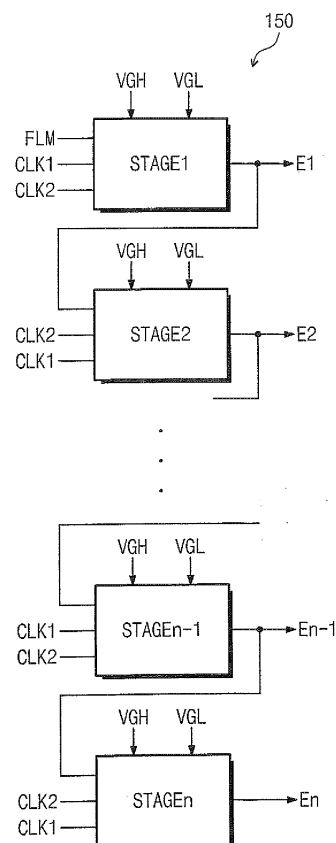
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(54) **Emission control driver and organic light emitting display device having the same**

(57) An emission control driver includes stages sequentially outputting emission control signals through emission control lines. Each stage includes a first signal processor receiving a first voltage and generating first and second signals in response to first and second sub-control signals, a second signal processor receiving a second voltage having a level higher than a level of the first voltage and generating third and fourth signals in response to the third sub-control signal, the first signal, and the second signal, and a third signal processor receiving the first and second voltages and generating the emission control signal in response to the third and fourth signals. The first signal processor of each stage receives the emission control signal output from a previous stage as the first sub-control signal, and the first signal processor of a first stage among the stages receives a start signal as the first sub-control signal.

Fig. 3



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EUROPEAN SEARCH REPORT

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X	US 2012/062525 A1 (KIM DONG-HWI [KR]) 15 March 2012 (2012-03-15) * paragraphs [0011], [0017], [0060]-[0062]; figures 1, 3 *	1-11	INV. G09G3/32
X	US 2012/062608 A1 (KIM DONG-HWI [KR]) 15 March 2012 (2012-03-15) * paragraphs [0003], [0010], [0019], [0062]-[0064]; figures 1, 3 *	1-11	
X	US 2008/158109 A1 (CHUNG BOYONG [KR]) 3 July 2008 (2008-07-03) * paragraphs [0038], [0042]; figures 1, 3-5 *	1-11	
A	EP 2 423 910 A1 (SAMSUNG MOBILE DISPLAY CO LTD [KR]) 29 February 2012 (2012-02-29) * paragraphs [0010], [0113]; figure 5 *	1-11	
			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 14 April 2015	Examiner Fanning, Neil
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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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)	发射控制驱动器和具有该发射控制驱动器的有机发光显示装置		
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其他公开文献	EP2701142A2		
外部链接	Espacenet		

摘要(译)

发射控制驱动器包括通过发射控制线顺序输出发射控制信号的级。每级包括第一信号处理器，其接收第一电压并响应于第一和第二子控制信号产生第一和第二信号，第二信号处理器接收第二电压，该第二电压的电平高于第一电压的电平并产生第三电压。响应于第三和第四信号，第四信号响应第三子控制信号，第一信号和第二信号，第三信号处理器接收第一和第二电压，并响应第三和第四信号产生发射控制信号。每级的第一信号处理器接收从前一级输出的发射控制信号作为第一子控制信号，并且各级中的第一级的第一信号处理器接收作为第一子控制信号的起始信号。

