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(54) **System and Driving Method for Active Matrix Light Emitting Device Display**

(57) Active matrix light emitting device display and its driving technique is provided. The pixel includes a light emitting device and a plurality of transistors. A capacitor may be used to store a voltage applied to a driving transistor so that a current through the light emitting device is independent of any shifts of the transistor and light emitting device characteristics. A bias data and a programming data are provided to the pixel circuit in accordance with a driving scheme.

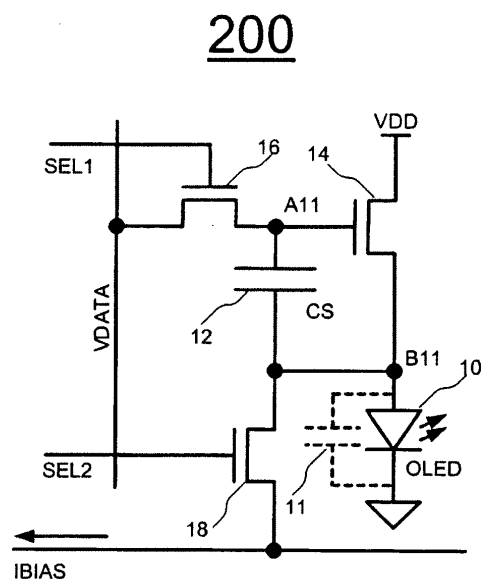


FIG.1



EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X,P	CHAJI G R ET AL: "A novel driving scheme for high-resolution largearea a-Si:H AMOLED displays", CIRCUITS AND SYSTEMS, 2005. 48TH MIDWEST SYMPOSIUM ON CINICINNATI, OHIO AUGUST 7-10, 2005, PISCATAWAY, NJ, USA, IEEE, 7 August 2005 (2005-08-07), pages 782-785, XP010893705, ISBN: 0-7803-9197-7 * the whole document *	1-15	
A	US 2004/174349 A1 (LIBSCH FRANK ROBERT [US] ET AL) 9 September 2004 (2004-09-09) * paragraphs [0003], [0145] - [0149]; figures 16,17 *	1-15	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 4 November 2011	Examiner Taron, Laurent
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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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04-11-2011

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专利名称(译)	有源矩阵发光器件显示系统及驱动方法		
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代理机构(译)	GRÜNECKER , KINKELDEY , STOCKMAIR & SCHWANHÄUSSER		
优先权	2490848 2004-11-16 CA 2503283 2005-04-08 CA		
其他公开文献	EP2383721A2 EP2383721B1		
外部链接	Espacenet		

摘要(译)

提供有源矩阵发光器件显示器及其驱动技术。像素包括发光器件和多个晶体管。电容器可以用于存储施加到驱动晶体管的电压，使得通过发光器件的电流与晶体管和发光器件特性的任何偏移无关。根据驱动方案将偏置数据和编程数据提供给像素电路。

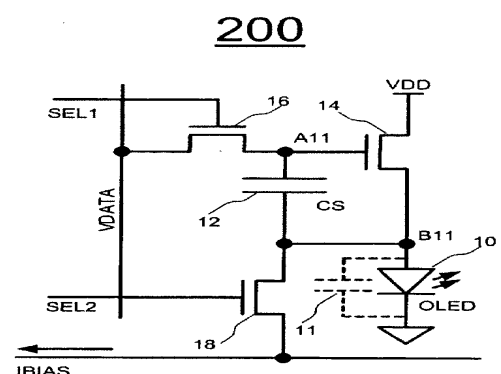


FIG. 1