



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 05 25 0947

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	YUMOTO A ET AL: "PIXEL-DRIVING METHODS FOR LARGE-SIZED POLY-SI AM-OLED DISPLAYS" 16 October 2001 (2001-10-16), ASIA DISPLAY / IDW'01. PROCEEDINGS OF THE 21ST INTERNATIONAL DISPLAY RESEARCH CONFERENCE IN CONJUNCTION WITH THE 8TH INTERNATIONAL DISPLAY WORKSHOPS. NAGOYA, JAPAN, OCT. 16 - 19, 2001, INTERNATIONAL DISPLAY RESEARCH CONFERENCE. IDRC, SAN JOSE, CA : SI , XP001134248 * figure 2 *	1	G09G3/32
D,X	S.M. CHOI AND O.K.KWON: "a self-compensated voltage programming pixel structure for active-matrix organic light emitting diodes" 2003, IDW. PROCEEDINGS OF THE INTERNATIONAL DISPLAY WORKSHOPS, XX, XX, PAGE(S) 535-538 , XP008057381 * figure 5 *	1-33	
X	WO 03/077229 A (SAMSUNG ELECTRONICS CO., LTD; CHOI, BEOM-RAK; CHOI, JOON-HOO; CHAE, CH) 18 September 2003 (2003-09-18) * figures 5,7 *	1,9,10	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 15 December 2005	Examiner Le Chapelain, B
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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15-12-2005

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WO 03077229 A	18-09-2003	AU 2002329105 A1	22-09-2003
		CN 1623178 A	01-06-2005
		JP 2005520191 T	07-07-2005
		KR 2003073116 A	19-09-2003
		US 2005156829 A1	21-07-2005

专利名称(译)	像素电路		
公开(公告)号	EP1580722A3	公开(公告)日	2006-02-08
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[标]申请(专利权)人(译)	精工爱普生株式会社		
申请(专利权)人(译)	SEIKO EPSON CORPORATION		
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发明人	TAM, SIMON, C/O CAMBRIDGE RESEARCH LAB. OF EPSON		
IPC分类号	G09G3/32 H01L51/50 G09G3/20 G09G3/30		
CPC分类号	G09G3/3233 G09G2300/0426 G09G2300/0819 G09G2300/0842 G09G2310/0262 G09G2320/0233 G09G2320/0252 G09G2320/043		
优先权	2004004919 2004-03-04 GB		
其他公开文献	EP1580722A2 EP1580722B1		
外部链接	Espacenet		

摘要(译)

已知补偿驱动诸如电流驱动有机发光器件的发光器件的像素电路中的驱动晶体管的阈值电压变化。然而，这种像素电路的编程和初始化可能较慢并且需要多个控制或信号线。本发明提供一种像素电路，包括用于二极管连接驱动晶体管的n沟道晶体管和用于减少信号线和控制线数量的装置。

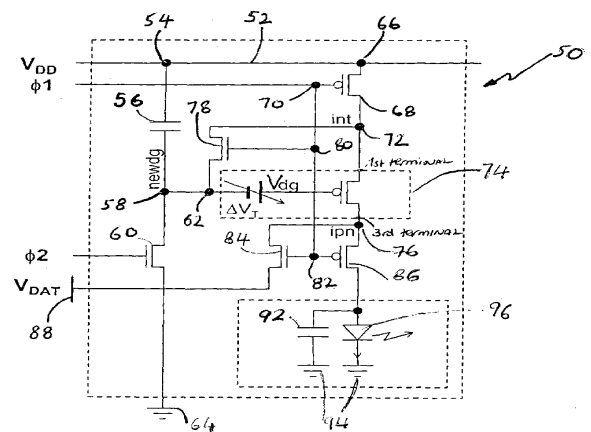


Figure 4