



(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3: 03.12.2003 Bulletin 2003/49 (51) Int Cl.7: G09G 3/32

(43) Date of publication A2: 03.04.2002 Bulletin 2002/14

(21) Application number: 01308312.6

(22) Date of filing: 28.09.2001

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR  
Designated Extension States:  
AL LT LV MK RO SI

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(30) Priority: 29.09.2000 JP 2000300934  
27.09.2001 JP 2001296479

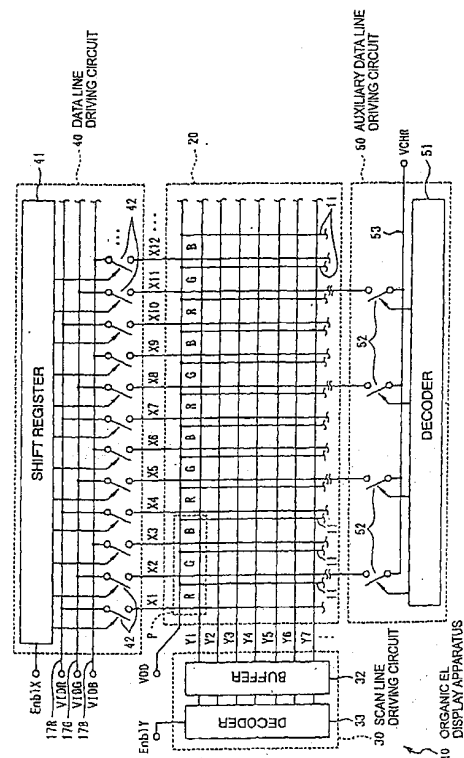
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(54) Method for driving an electro-optical device, organic electroluminescent display device, and electronic apparatus

(57) The invention seeks to reduce the power consumption of an organic electroluminescent display device. The organic electroluminescent display device includes organic electroluminescent elements corresponding to R, G, and B colors, holding capacitance, etc., which are disposed at intersections of data lines X1 to X12 and scan lines Y1 to Y7 which are arranged in a matrix manner, a data line driving circuit 40, and a scan line driving circuit 30. The scan line driving circuit 30 includes a decoder 33. An auxiliary data line driving circuit 50 is provided in addition to the data line driving circuit 40. The auxiliary data line driving circuit 50 includes a decoder 51, and a plurality of switching elements 52. First ends of the switching elements 52 are selectively connected to only the data lines X2, X5, and X8, of the data lines X1 to X12, which correspond to the organic electroluminescent elements capable of emitting green (G). Second ends of the switching elements 52 are connected to a power supply line 53 on which a character display voltage VCHR for causing the organic electroluminescent elements to emit light is fed.

[FIG. 1]





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 852 371 A (HITACHI LTD) 8 July 1998 (1998-07-08) * column 4, line 20 - line 48; figures 2,3,6 * * column 5, line 12 - line 17 * * column 6, line 42 - column 7, line 5 * * column 7, line 28 - line 37 * * column 8, line 17 - line 32 * -----	1-56	G09G3/32
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)  G09G H04M
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>6 October 2003</b>	Examiner <b>Amian, D</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			

EPC FORM 1503 03.82 (P04C01)

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

EP 01 30 8312

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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06-10-2003

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EP 0852371 A	08-07-1998	WO 9711447 A1	27-03-1997
		EP 0852371 A1	08-07-1998
		US 6329973 B1	11-12-2001
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专利名称(译)	用于驱动电光装置的方法，有机电致发光显示装置和电子设备		
公开(公告)号	<a href="#">EP1193675A3</a>	公开(公告)日	2003-12-03
申请号	EP2001308312	申请日	2001-09-28
[标]申请(专利权)人(译)	精工爱普生株式会社		
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IPC分类号	H05B33/08 G09F9/30 G09G3/20 G09G3/30 G09G3/32 H01L27/32 H01L51/50		
CPC分类号	G09G3/3266 G09G3/20 G09G3/2011 G09G3/2074 G09G3/3233 G09G3/3291 G09G2300/0408 G09G2300/0842 G09G2300/0857 G09G2310/0245 G09G2310/027 G09G2310/0281 G09G2310/0297 G09G2330/021 G09G2340/0428 G09G2340/10		
代理机构(译)	斯特， CLIFFORD MARK		
优先权	2001296479 2001-09-27 JP 2000300934 2000-09-29 JP		
其他公开文献	EP1193675A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

本发明旨在降低有机电致发光显示装置的功耗。有机电致发光显示装置包括对应于R、G和B颜色的有机电致发光元件，保持电容等，它们设置在以矩阵方式排列的数据线X1至X12和扫描线Y1至Y7的交叉点处，数据线驱动电路40和扫描线驱动电路30。扫描线驱动电路30包括解码器33。除了数据线驱动电路40之外，还提供辅助数据线驱动电路50。辅助数据线驱动电路50包括解码器51和多个开关元件52。开关元件52的第一端选择性地仅连接到数据线X1到X12的数据线X2，X5和X8，数据线对应于有机层。能够发绿光(G)的电致发光元件。开关元件52的第二端连接到电源线53，在电源线53上馈送用于使有机电致发光元件发光的字符显示电压VCHR。

(FIG. 1)

