

(19) (KR)  
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(51) Int. Cl.<sup>7</sup>  
 G09G 3/30

(11)  
 (43)

10-2004-0042846  
 2004 05 20

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(21) 10-2003-0079724  
 (22) 2003 11 12

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(30) JP-P-2002-00329712 2002 11 13 (JP)

(71) 가 가  
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(72) 1 1 1 가 가

(74)

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(54)

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(DS) (10) , (10)  
 (10) (YD, XD) . , (YD, XD)

1

, , EL

1 EL

2 1

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4 1 EL

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6 1 EL

7 1 EL

8 3 D/A

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1 :

2 : DC/DC

10 : EL

11 :

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21 :

22 : D/A

23 :

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DS

YD,

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, EL 가 ,  
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1 EL

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, 3 1  
EL PNL ,  
TCP

PCB

EL PNL ,  
PX,PX  
n X(X1 Xn),  
3 PX 1m Y1 Ym  
Y(Y1 Ym),DS  
Y  
(R), (G), (B)  
YD





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RF가 D/A (22)

(3)

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DIDD

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DIDD

EL

(57)

1.

(YD, XD) , (YD, XD)

2.

1

(YD, XD)

D/A

D/A  
(RF),  
(RF)

3.

2

(RF)

(R0 Rk)

4.

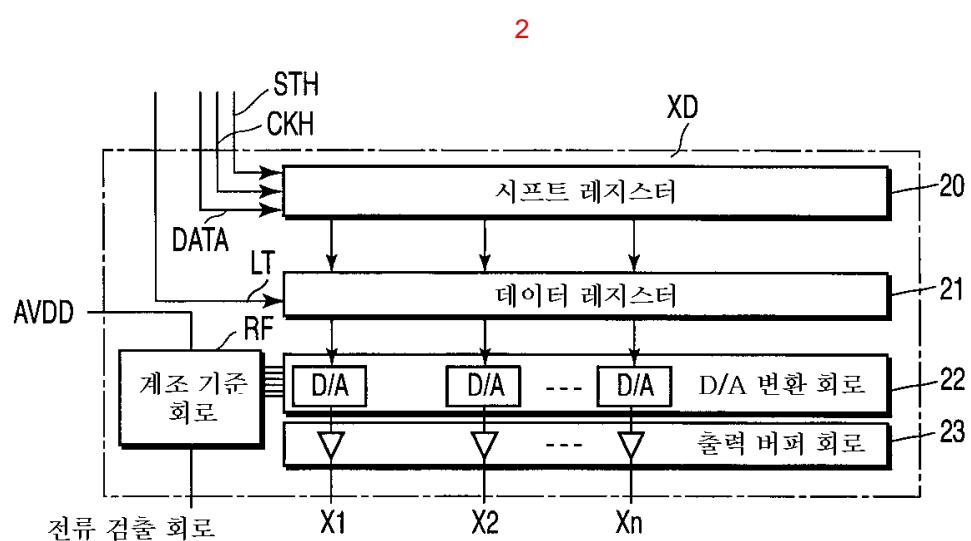
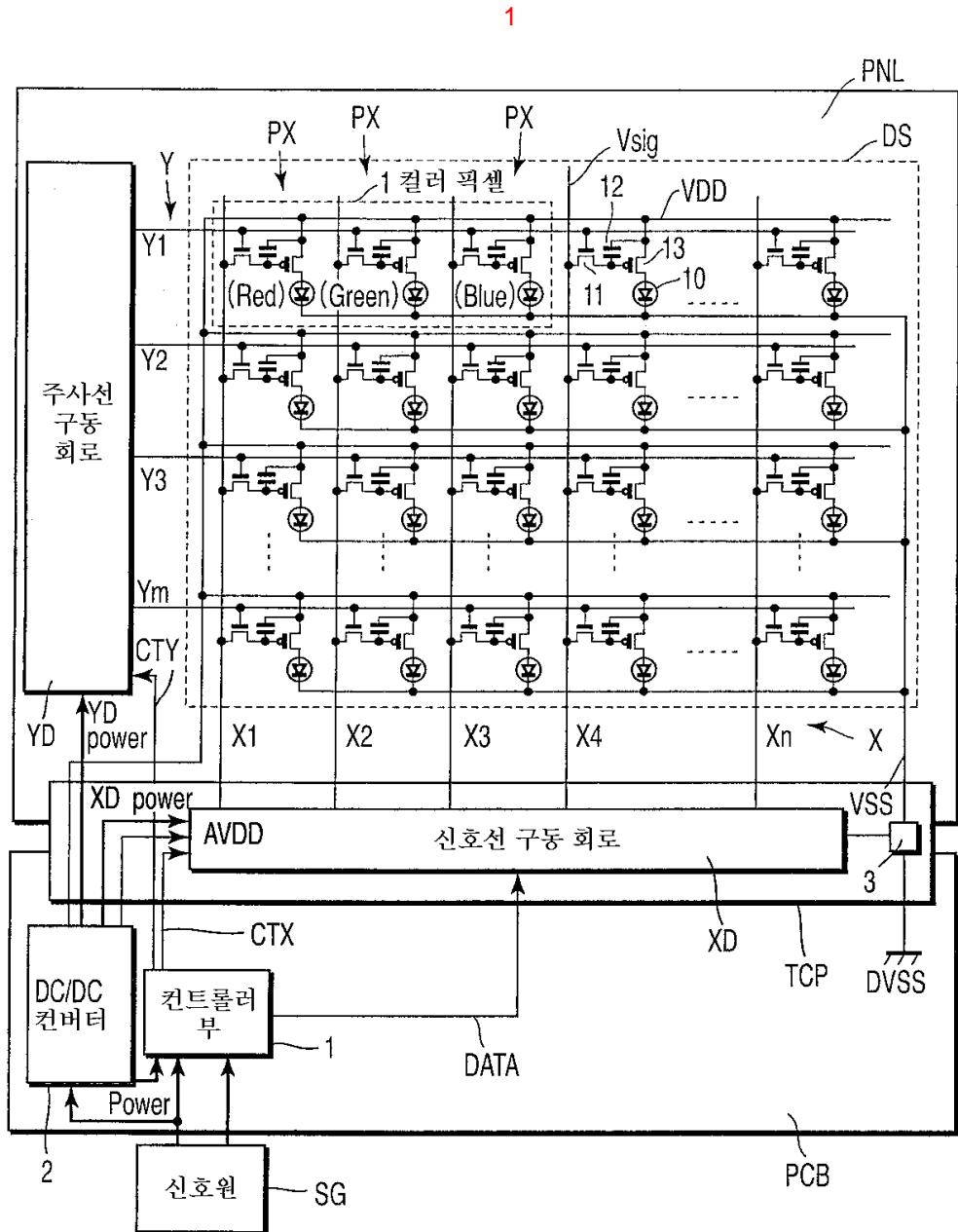
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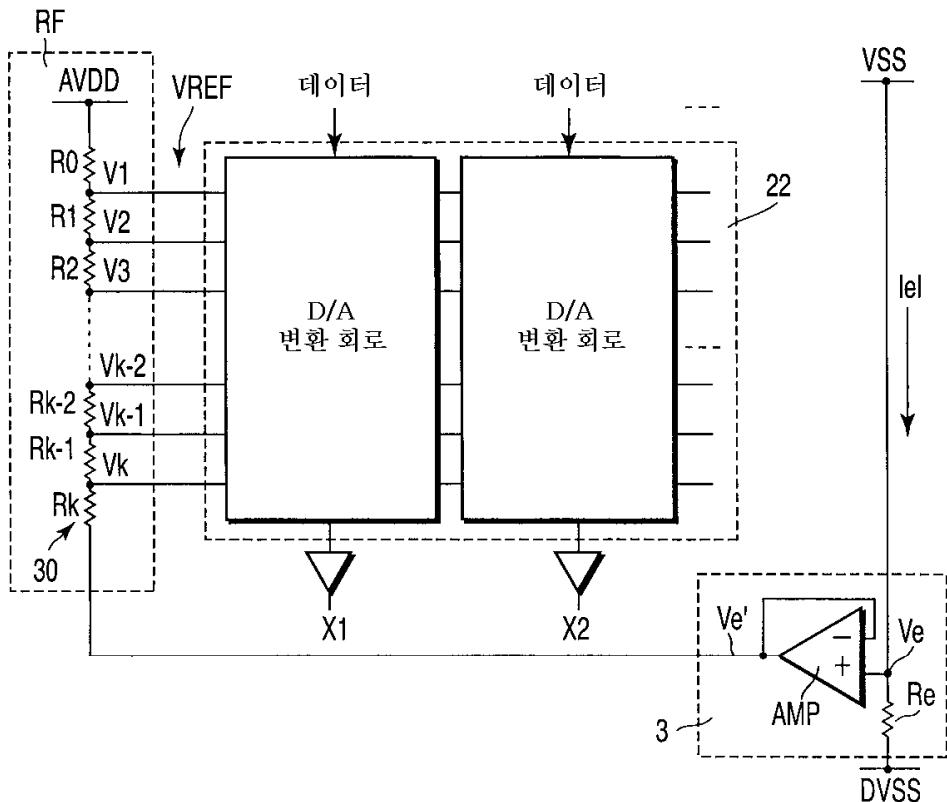
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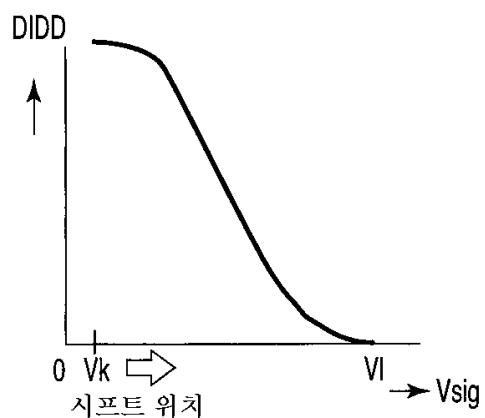
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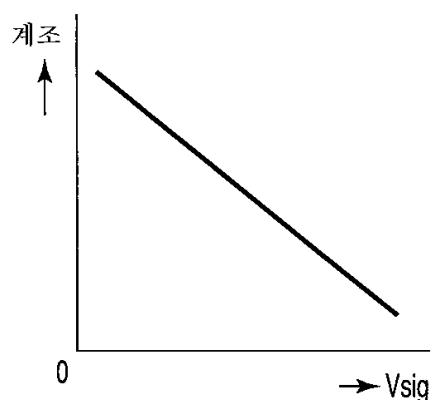
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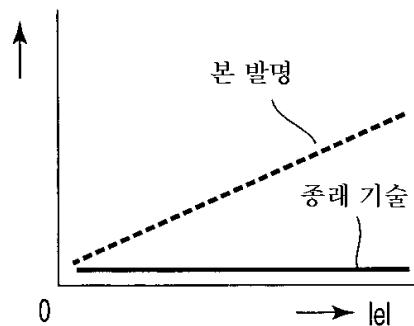


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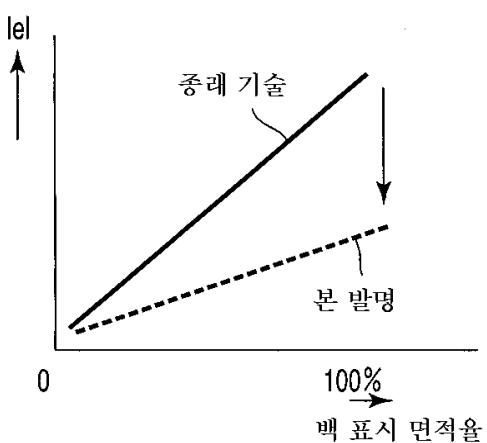


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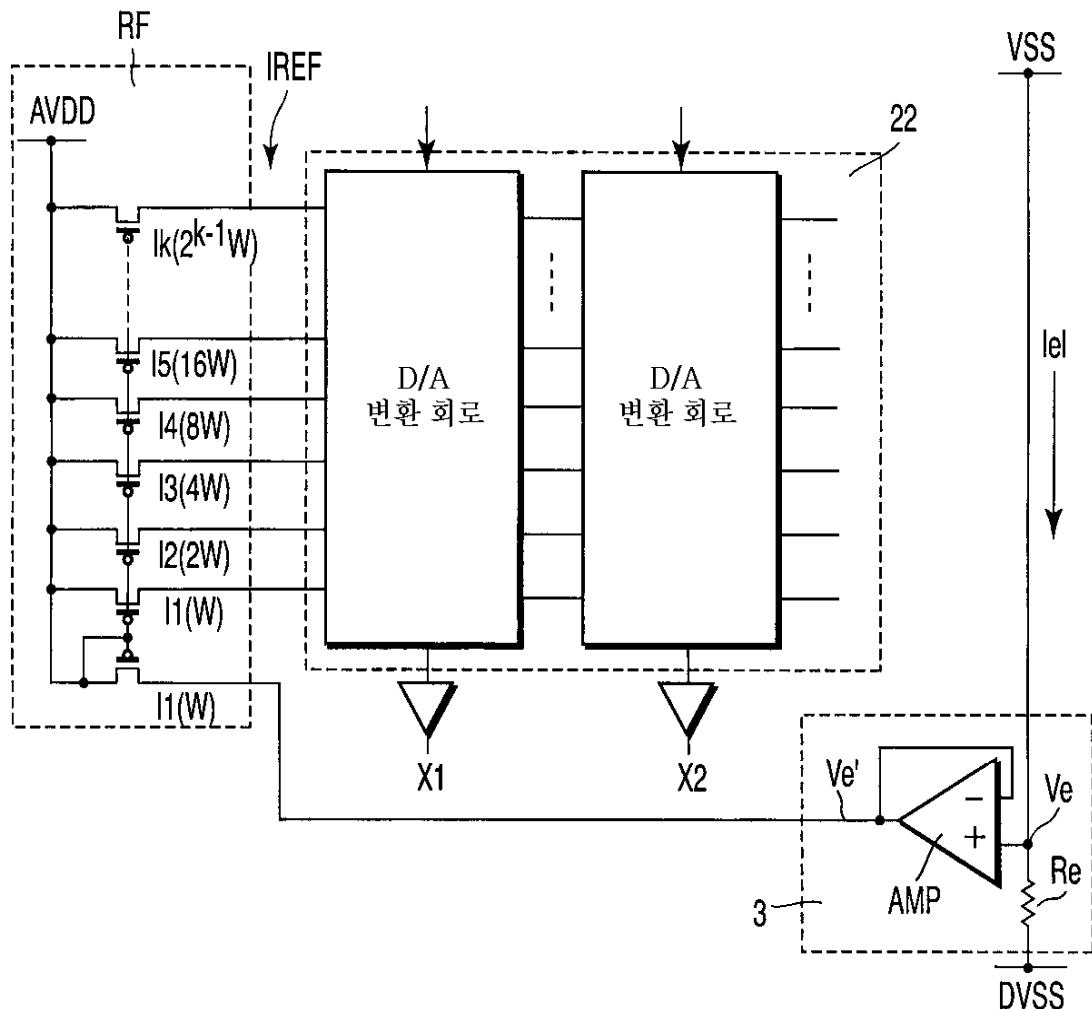
최고 계조의  
계조 기준 전압



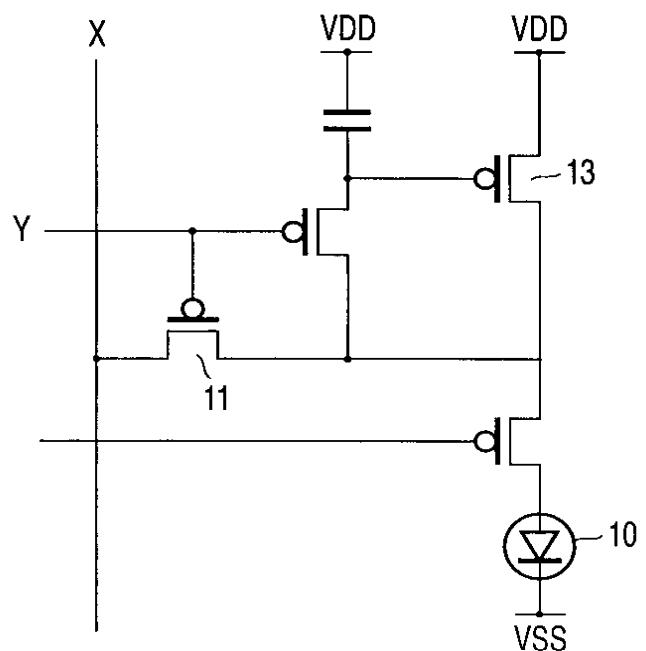
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专利名称(译)	显示设备		
公开(公告)号	KR1020040042846A	公开(公告)日	2004-05-20
申请号	KR1020030079724	申请日	2003-11-12
[标]申请(专利权)人(译)	株式会社东芝		
申请(专利权)人(译)	Sikki东芝股份有限公司		
当前申请(专利权)人(译)	Sikki东芝股份有限公司		
[标]发明人	NAKAMURA NORIO		
发明人	NAKAMURA,NORIO		
IPC分类号	G09G3/30 G09G3/36 H01L51/50 G09G3/32 G09G3/20		
CPC分类号	G09G2300/0842 G09G2300/0814 G09G3/325 G09G2310/027 G09G2320/0233 G09G2330/028 G09G3/3696 G09G3/3283		
代理人(译)	CHANG, SOO KIL		
优先权	2002329712 2002-11-13 JP		
其他公开文献	KR100610711B1		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

显示装置包括构成显示屏DS的多个自发光元件10和用于将与图像信号对应的驱动电流提供给多个自发光元件10的驱动电路YD和XD。的。具体地，驱动电路YD和XD被配置为随着流向多个自发光元件10的驱动电流的总值增加而限制驱动电流。1 指数方面 自发光元件，灰度参考电路，有机EL元件

