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 (22) 2002 12 31

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401-39/4LG B 606

817

(74)

:

(54)

7

1 TN

2 OCB

3 OCB

4

5

6 DAC

7 , 8 7 | ~|'

9

61 : 63 :

65 : 67 :

69 ; 71 ;

73 : 75 :

79 :

83 ·

85 · 87 · 1

89 ·

91a

03 : 1 05 :

67 68

100-10M

CRT(cathod ray tube)		가 CRT		(flat panel display)	
가		가		가	
ctro luminescent display : ELD), ma display panel : PDP)		(liquid crystal display : LCD), (field emission display : FED), 가		(ele (plas	
(cost)		가		,	
가		가		,	
TN		TN		(11)	
1 TN (12) (19)가		1, TN (13) 2 (14,15)		(10)	(10)
(10)		가		,	
, 1, 2 (14,15)					
(12) (16)		(matrix type) (17)		() (11)	
(12)	(11)				
		() (indium-tin-oxide : ITO)		() (11)	
90	(11) (12)	(12) (13)	(13) (12)	(18) (18)	(11)
5)					
2	(12)	(13)	2	(15)	2 (1)
2	(15)	(13)		(18) ,	90 (18)
(11)	(13)		R.G.B	1 (14)	()가
	TN		가		(視野角)
		(FLC)		(反強誘電性)	(AFLC)

7(1995) - 84254 , 가 ,
(Optical Compensated Bend : OCB) , 가

2 OCB

2 , OCB (22) TN 1 2 (24,25) ,
(20,21) 2 (24,25) . (23) (26) ,
, 1 2 2 (24,25) ° 10 ° 가
1 2 (24,25) .

$$(21) \quad 2 \quad (28) \quad (26) \quad \text{가 } X-Z \quad . \quad (29)$$

, OCB 가 , 가 (22) (23) 가
 3 OCB 가 , , 가 . , 가
 (1.4V) .
 5μm. 5 ~ 6° .

가 .
0.025 , 2V 가 , , 0.08, 0.045
(Bluish) OCB 가

가 가

4 , , (G)
(D) (31) , (32)
(32) LCM(Liquid Crystal Module) (7)

, LCM (37) (32), (Vsync :),
, (Hsync :), (DE :),
, (32), (31), (G) (17) 가 (31a),
31b), (31a), (31b) (31b)
(34), (34), (33), (31) 가 (31b)
(V_{ref}) (V_{com}) (31) / (V_{DD}), (36) (V_{GH}), (V_{GL}), .

(99)

2

(95)

(61)

(63)

가

(85)

(indium-tin-oxide : ITO)
1 2 (93,95)(85)
(18)(18)
(18)

(7) 가

(85)

가

1, 2

(81) /
(93,95)

(93)

(91a,91b)
(91c)(85) 1
(85) 2 (95)

9

9 , ,
 (101b) , (101a) ,
 (101b) (101b) (105) ,
 (105) , (105) (103) ,
 (107) 가 (109) (101) ,
 (107) , / (107) , /

'100' LCM

1 , 85) / 1 (107) 1 (101) 가 ,
 2 (95) 2 (93) 1 가 ,
 2 가 , 2 (Vdd2) , 1 (Vcom2) (Vd

d1) 10 (Vcom1) 가
 , 1 (Vdd1) (Vcom1) 2 (Vdd2) (Vcom2)

2 (95)

1 (93),

(57)

1.

/

1

2.

1

2

3.

2

2

4.

가

가

5.

1 ,

/

가 ,

1

2

가

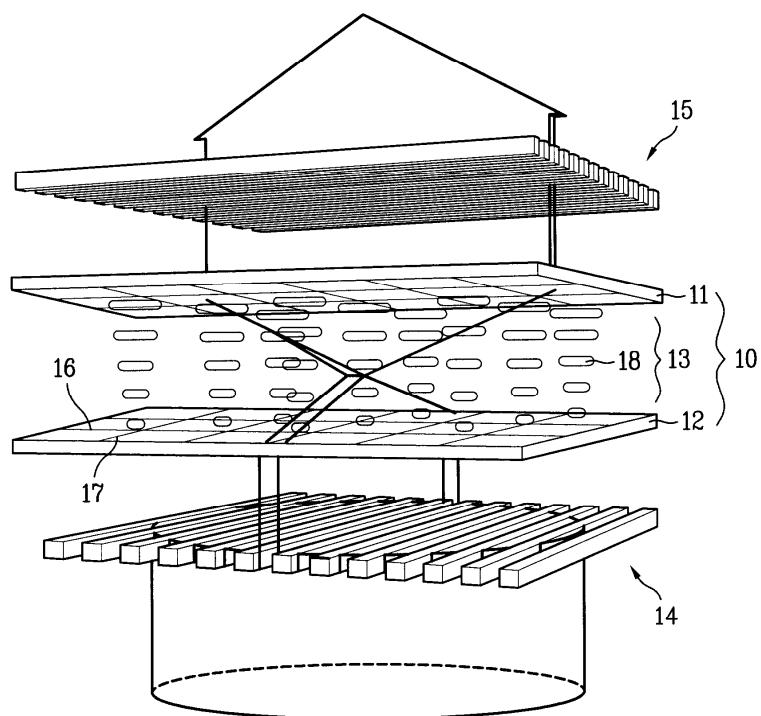
6.

5 ,

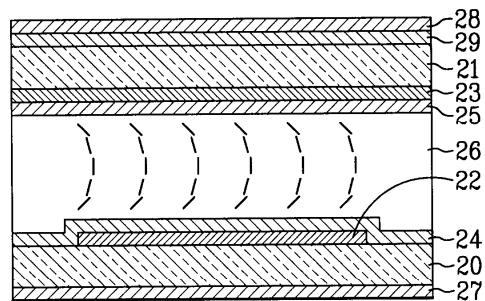
1

2

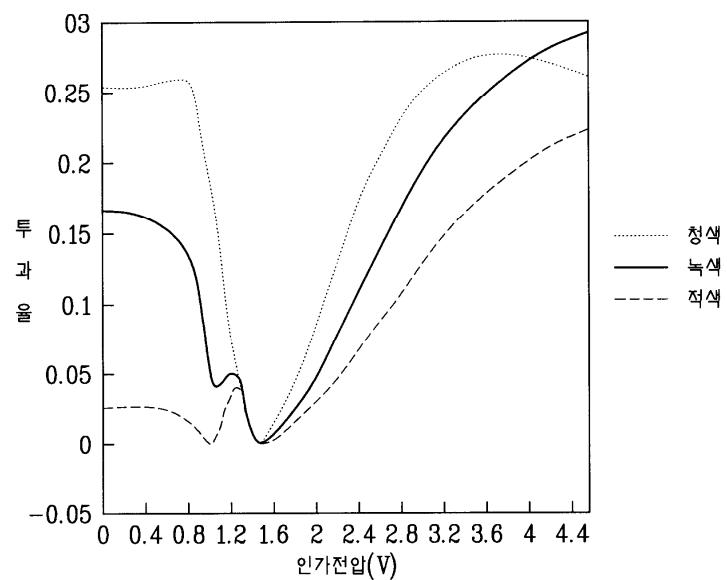
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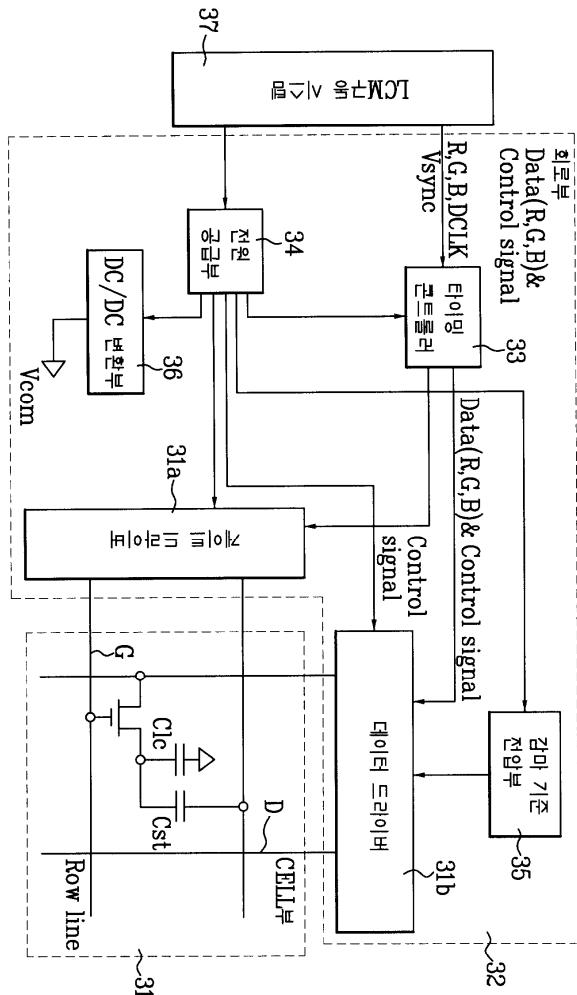
2



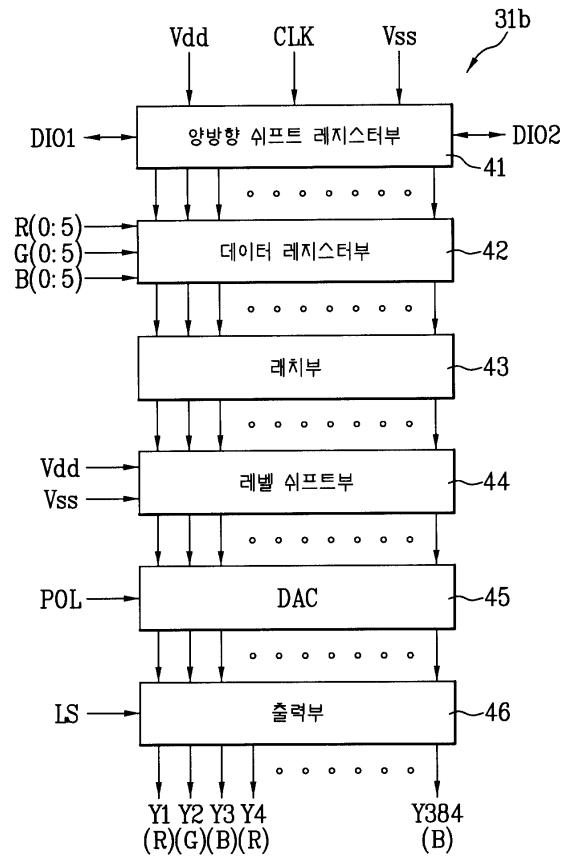
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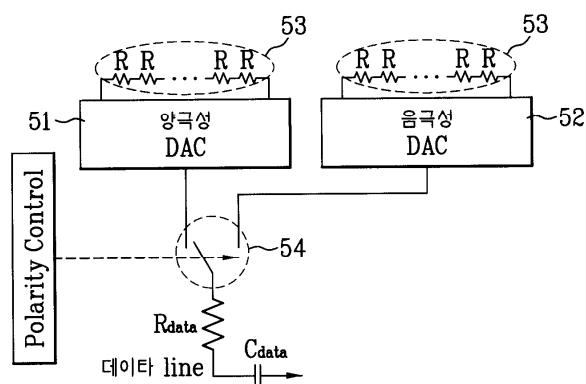
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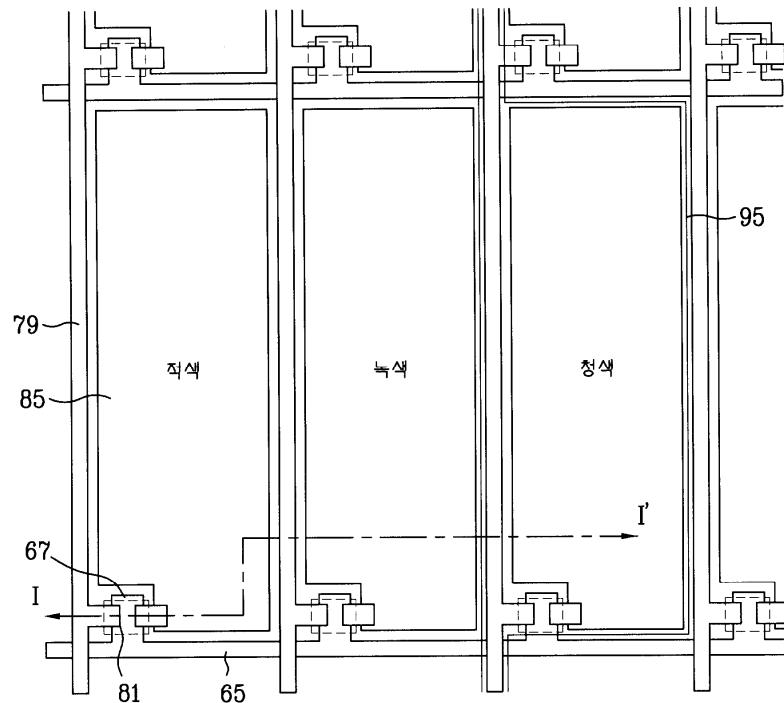


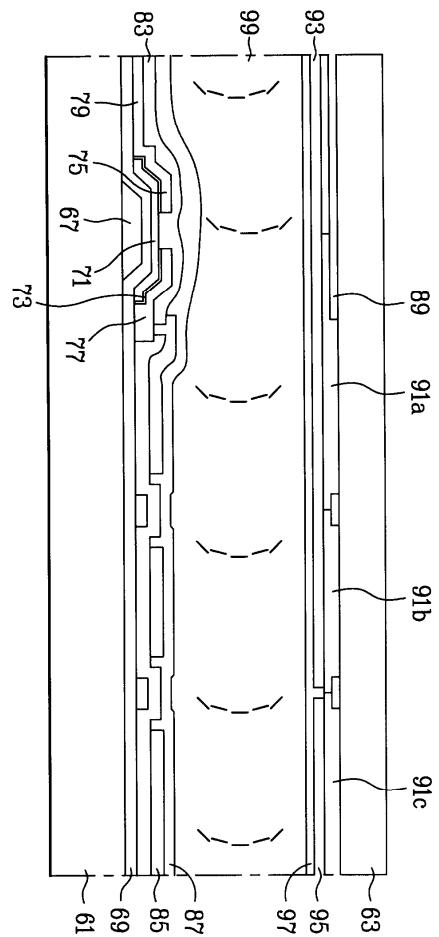
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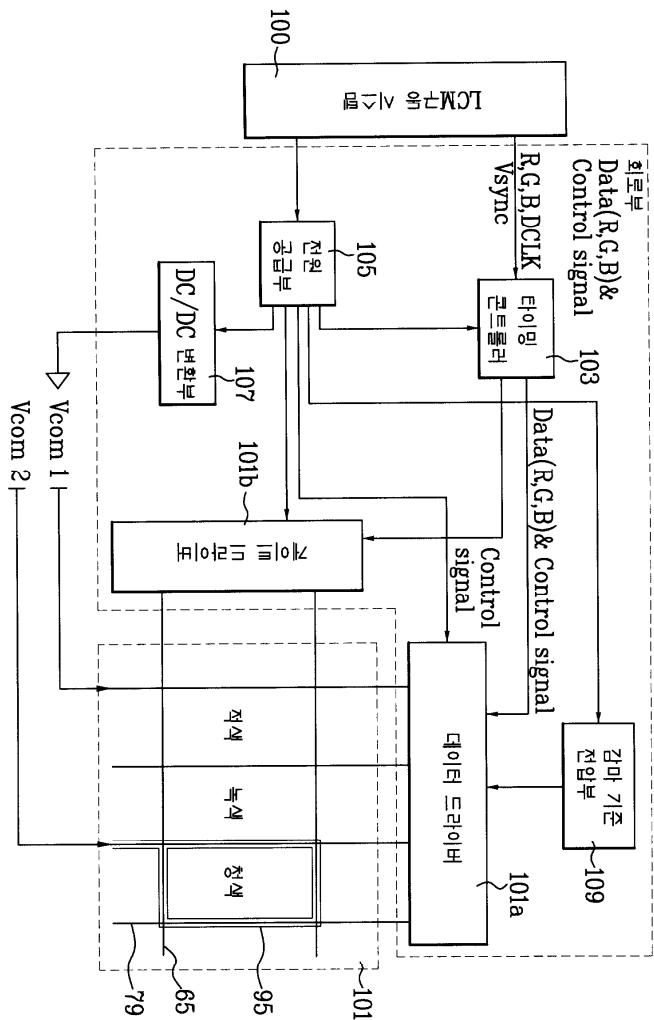
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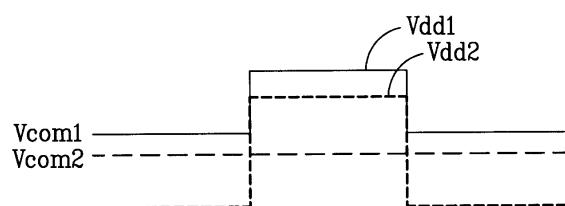




9



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专利名称(译)	液晶显示装置及其驱动电路		
公开(公告)号	KR1020040061504A	公开(公告)日	2004-07-07
申请号	KR1020020087771	申请日	2002-12-31
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
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IPC分类号	G09G3/36		
代理人(译)	金勇 新昌		
外部链接	Espacenet		

摘要(译)

本发明涉及一种能够防止黑色区域中的蓝色着色的液晶显示装置及其驱动电路，并且根据本发明的液晶显示装置及其驱动方法的特征在于包括多个可以降低施加到红色，绿色和蓝色的像素区域的电压以及施加到红色和绿色像素区域的电压，以降低施加到蓝色像素区域的电压，从而可以降低蓝色透射率。那里。7指教方面液晶面板，公共电极，时序控制器，伽马参考电压部分，DC /

