

(19)
(12)

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2004 06 18

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(22) 2002 12 12

(71) . 20

(72) 104-1002

(74)
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(54)

10

1

2

3

4

5

6 5

7 8 5 .
 9 가 .
 10 1 .
 11 5 .
 12 .
 13 2 .
 14 .
 15 14 가 .
 < >
 1 : 2 :
 3 : 4 :
 5 : 6 :
 7 : 35 :
 36 : TFT 41,46 : CLC' DBEF
 42 ; 43,55 :
 44 : 45,53 :
 47 : 101,102 : CLC
 100a 100e : 121,122 : DBEF

, .
 .
 가 가
 , PC ,
 , / .

가 1 (16,7ms)
 (Cathod Ray Tube : CRT)

(CRT) 1

(16.7ms)

(CRT)

(CRT)

2

Back Light Blinking System)

(Scanning

a 100e) 3 가 (1)

2, 4 5 3 (100c) (100a,100b,100d,100e)

4 1

100a 100e)

(100 3 1,

가 (100a 100e)

(100a 100e) (

2 1 1

2 2

1 1/2 1 2

1

2 1

1

2 1

, 5 15

5 (1) (3) (

2) .

(1) 가 (2) (35)

(1) 6 (15) (35) (12) (13) (R), (

13) (, 'TFT ') (36) (12) (11) (13) (R), (

G) (B) (14) , (12) (35) (11) (13) (R), (

(13) (Black Matrix)가 TFT (36)

(3) . TFT (36) (16) (19) (18)

(18) , TFT (20) (16) (18) (19)

(18) (21) . TFT(20) (18) (19)

. TFT (36) (19) (21) (21) (21) (21)

T (36) TFT (36) (17) (15) 가 (36) TF

(11,17) (35) TFT (36) , (15) 90 ° TN (36)

(1) 6

(3) (2) (3)

(2) (2) (3) (1) (1)

(2) (2) (1) (2) (2) (2) 7 15

(5) (5) , (6)

) (4) , (6) , (7) , (7) , (5,6,7)

(4) (4)

(19) (5) (4) (4) (5) (5) (18)

(4) (4) (2)

(6) (4) (2)

(2)

(7) (4) (3)

7 8 (2)

7 (2) (44) (45) ,

(42) (43) , (44) (42)

(, 'CLC ') (42)

(, 'DBEF') (41,46) (Dual Brightness Enhancement Film :

(44) (44) (42) 9 0 /2 (47)

9 13 , 2 (2) DBEF(121,122)가 . (2) 가 /2

(47)

(47) A (45,53) Vth 가 (47) B ((45,53) VR 가 가 , A (47) B (47) B /2

BEF(121) (3) (2) A DBEF(122) (47) D DBEF(1 22) (1) (2) A 11 (3) (3) A (2) A B A , (2) A (3) B (3) DBEF(202) DBEF(121) A B (1)

(47) (3) /2 (2) B DBEF(122) (2) B , B (1)

(4) VR (On Pulse) (45,53) (2) (45,53) 가 n(, n 2) (4) (45,53) 1/n×1 1/2

1 8 (L1 L8) 1/8×1 (1/60sec 16.7ms) (4) 15 1/2×1 8.3ms , 1/2×1

가, /2

가

(57)

1.

2.

1

3.

1 ,

4.

5.

4 ,

1

2

1

2

6.

5 ,

1 , 1 1 2

2

1/2

7.

5 ,

1

8.

7 ,

2

1

9.

5 ,

1

10.

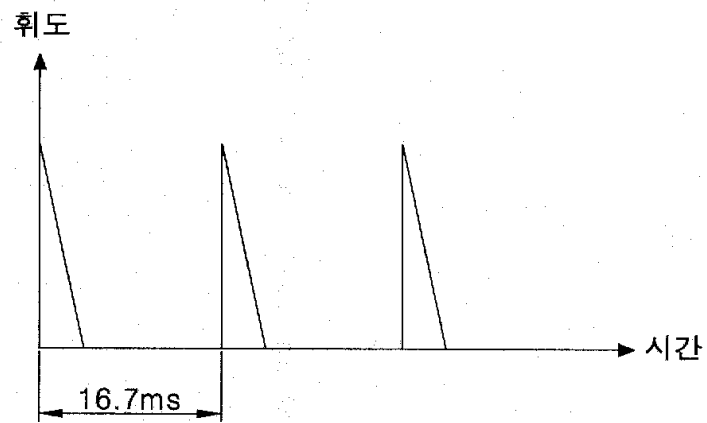
9 ,

2

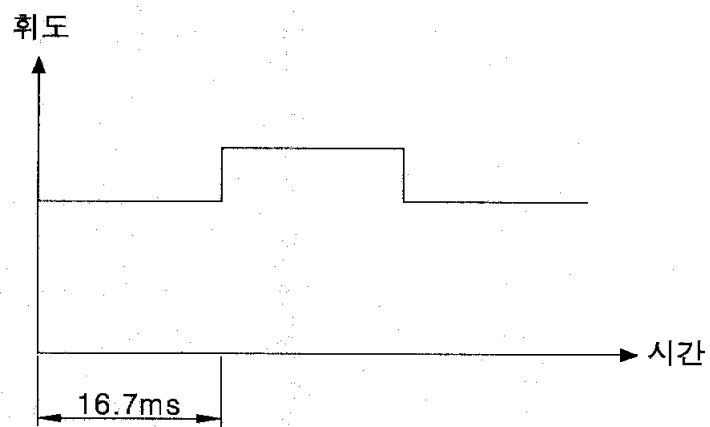
1

4 11.

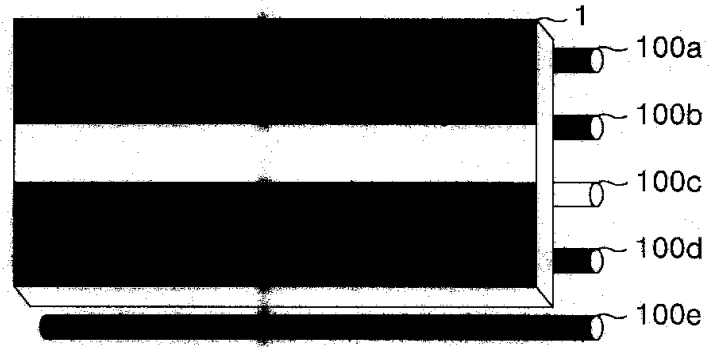
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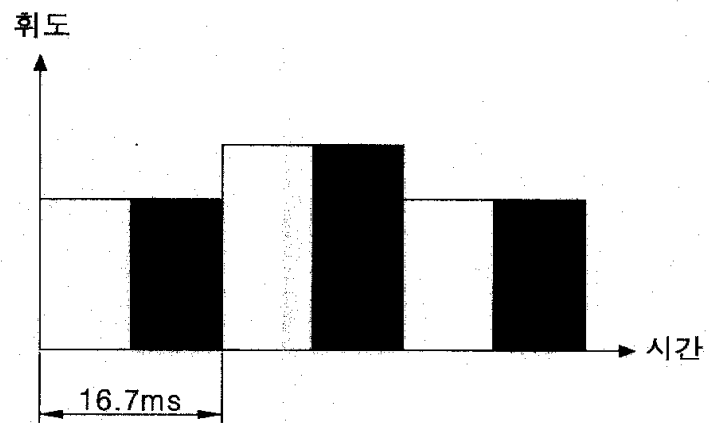
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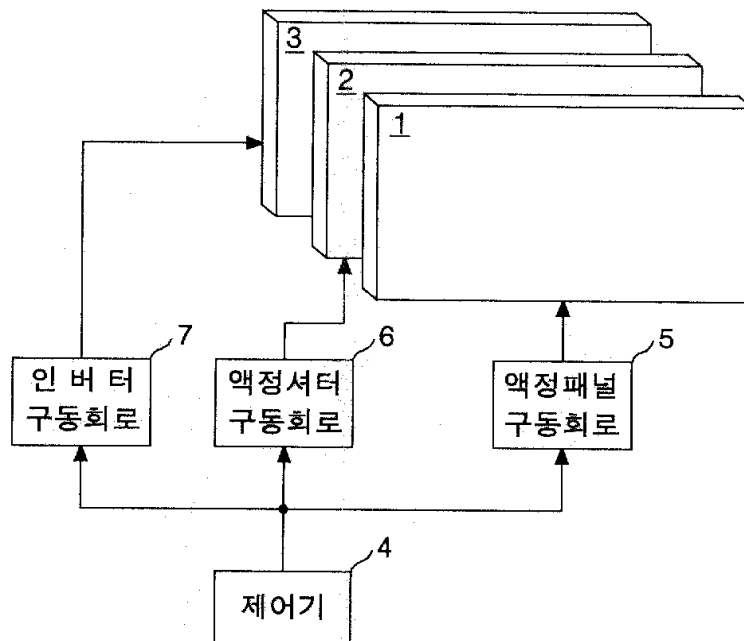
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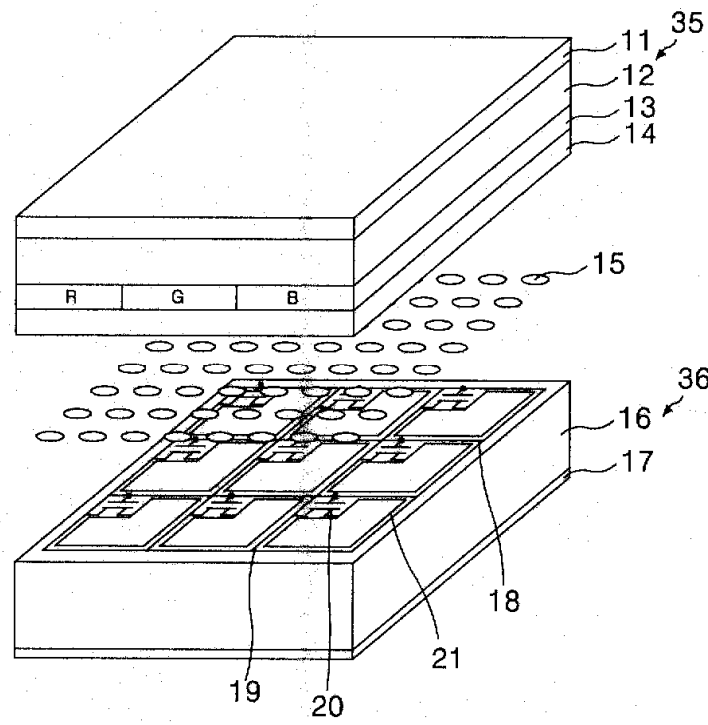
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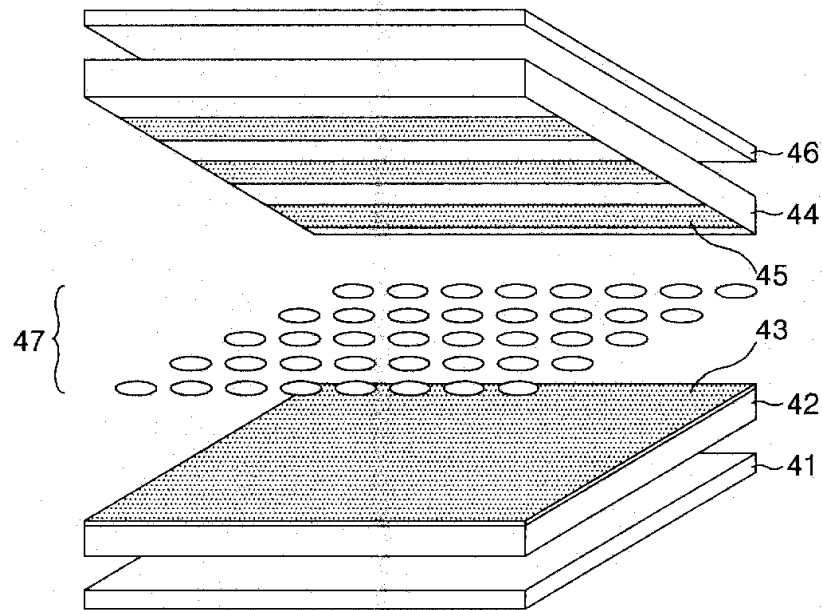
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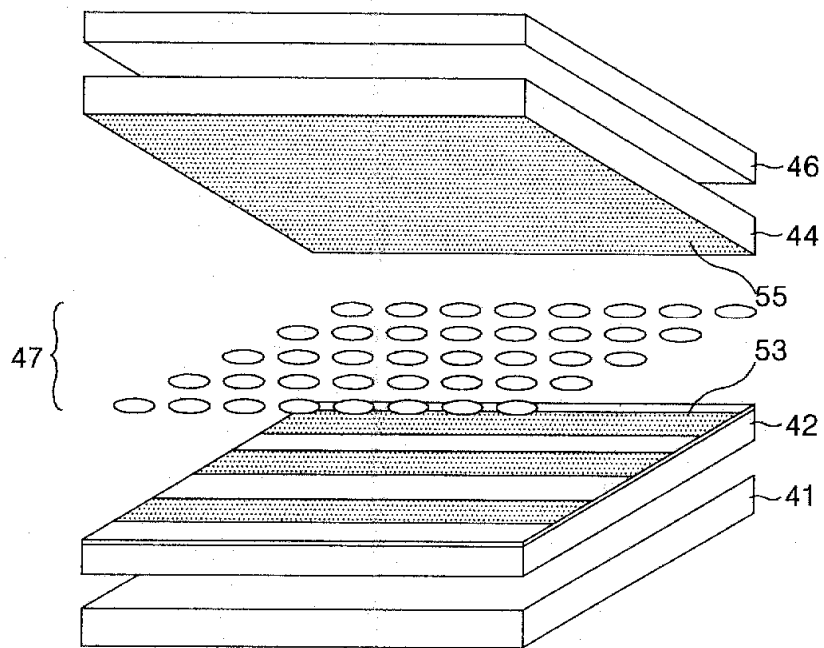
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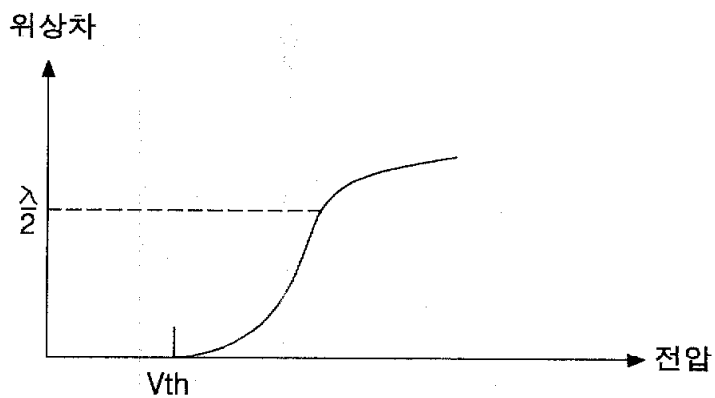
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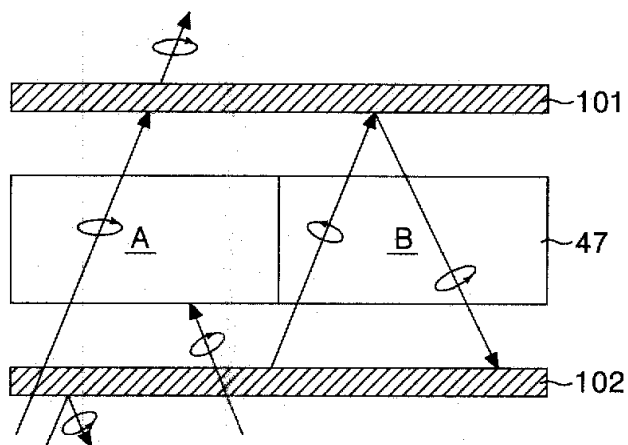
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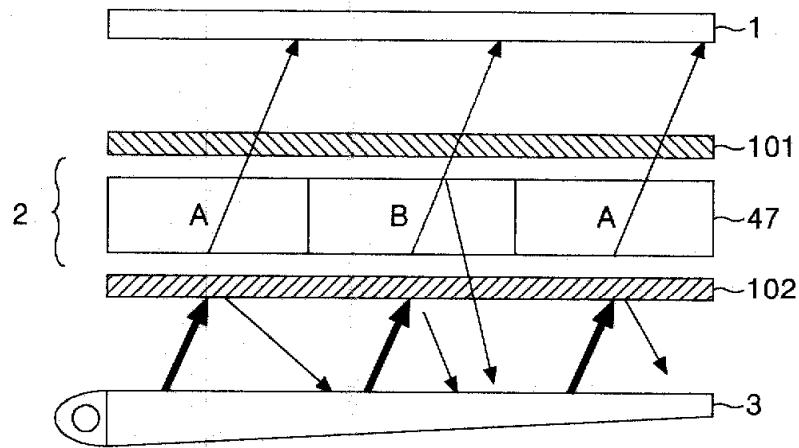
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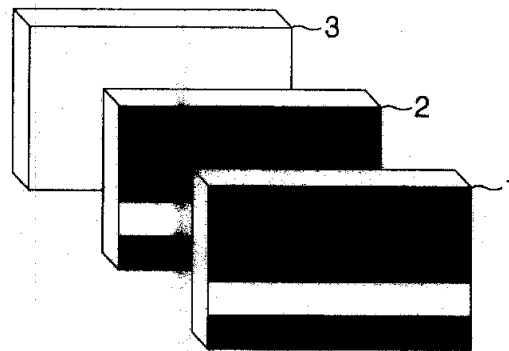
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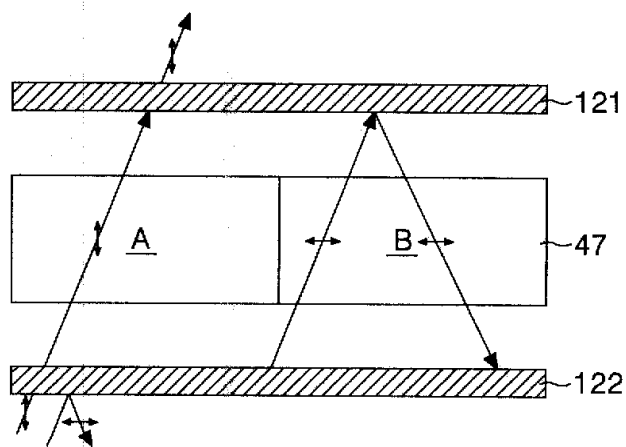
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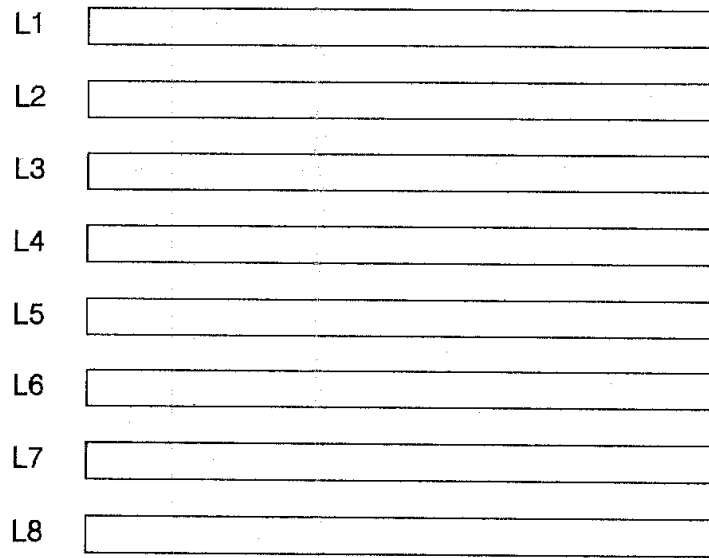
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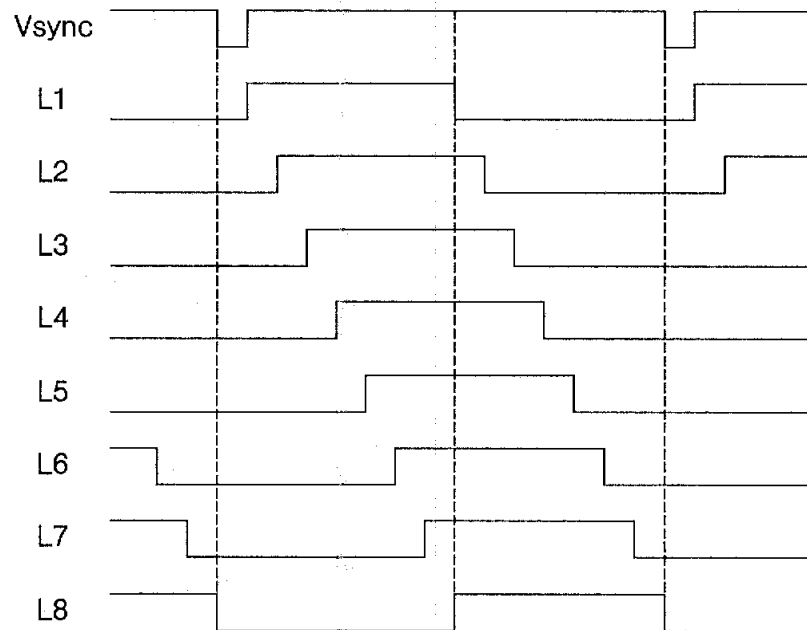
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专利名称(译)	图像显示方法和使用其的液晶显示装置		
公开(公告)号	KR1020040051419A	公开(公告)日	2004-06-18
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[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
[标]发明人	HONG HYUNGKI 홍형기		
发明人	홍형기		
IPC分类号	G02F1/1335		
外部链接	Espacenet		

摘要(译)

本发明涉及使用该液晶显示器的液晶显示器和图像显示方法，其增加了运动图像的显示质量，降低了功耗。该图像显示方法包括以下步骤：沿着其控制的屏幕的扫描方向指示穿透光的阻挡步骤，以及使用屏幕的预定部分中的入射光的图像。使用图像显示方法的液晶显示器包括液晶面板，沿着液晶面板的扫描方向穿透光源，用于照射液晶面板中的光，并且朝向液晶面板前进的光学相位受到控制，并关闭了快门。

