

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl.⁷
G02F 1/133

(11)
(43)

10-2005-0004546
2005 01 12

(21) 10-2003-0044768
(22) 2003 07 03

(71) 416

(72) 603-801

(74)

• •

(54)

$\frac{1}{2}, \frac{1}{2}$

1

< >

100 :	200 :
300 :	400 :
500 :	600 :
700 :	800, 1000 :
900 :	

1 , 2 , 1 2

1 1 1 2

가

1

1 (OCS) (200) (200) (100) (800) (O-DATA) (100) (frame) (O

-DATA) (200) (200) (O-DATA) 2- (200) DRAM GRAM (O-DATA) 1-

(100) (100) (200) (300)가

(300) (200) 1- (O-DATA) (300)

(O-DATA) (400) (, 1) (400) 1

(400) ROM

(300) (100) (100) (OCS) (, 2)

2 (HCS, VCS)

(600) (800) (500) (700), (700)

(500) (500) (100) (HCS), 2

(500) (HCS) 1 2 2

(700) 1 2

가 , 1 2

가

(VCS) (600) (100) (VCS)

(700) , 1 2

2 1

2 , 1 4 (700) 1 4 (A-SHOT, B-SHOT, C-SHOT, D-SHOT)

(700)

(700) 1/4 가 (A-SHOT) 4

(700) (D-SHOT)

1 (A-CA) (A-SHOT) 2 1 (A-NCA) 1 (A-CA) 2 1

(B-NCA), 2 3 (B-SHOT) 2 (B-SHOT) 2

1 (A-SHOT) 2 (B-CA1, B-CA2) 3 (B-CA2) 2 (B-CA1) (B-SHOT)

(B-NCA) 2 3 (B-CA1, B-CA2)

, 3 (C-SHOT) 3 (C-NCA), 4 5 (C-CA1, C-CA2)
 4 (C-CA1) 2 (B-SHOT) 5
 (C-CA2) 4 (D-SHOT) 3 (C-NCA) 4
 5 (C-CA1, C-CA2) 4 (D-SHOT) 4 (D-NCA)
 6 (D-CA) 6 (D-CA) 3 (C-SHOT)

1 2 (300) 1 6
 (A-CA ~ D-CA) 가

, 1/2, 1/3, 1/5... 가 (700) 2, 3,
 5..

3 2 , 4 3 , 3 4
 1 2

3 4 , (700) (710), (730) (710) (7
 30) (750)

(710) 1 (A-SHOT) i-1 (DLi-1), 2 (B-SHO
 T) i i+1 (DLi, DLi+1) 1 2 (A-SHOT, B-SHOT)
 i-1, i i+1 (DLi-1, DLi, DLi+1) (GL1) , i 2

i-1, i i+1 (DLi-1, DLi, DLi+1) (711) , (711)
 (Indium Tin Oxide; , ITO) (Indium Zinc Oxide; , IZO)
 i-1, i i+1 (PEi-1, PEi, PEi+1)

i-1 TFT(Ti-1) (GL1) , i-1 (DLi- (DLi-
 1) , i-1 (PEi-1) 가 , i TFT(Ti)
 (GL1) , i (DLi) , i
 (PEi) 가

, (730) (731), (732) (CE)
 (CE) i-1 (750) i-1, i i+1 (PEi-1, PEi, PEi+1)
 i-1 (PEi-1) (Ci-1) , i (PEi)

(CE) i (Ci)

i-1 (DLi-1) i-1 (PEi-1) 1 (Ca)가 ,
 i-1 (DLi-1) i (PEi) 2 (Cb)가 ,
 i (DLi) i+1 (PEi+1) 4 3 (Cd)가 , i
 (Cd)가

3 , i-1 (DLi-1) i-1 (PEi-1) 1 (Da)
 , i-1 (DLi) i (PEi) 2 (Db) , i
 (PEi) 4 (Dd) 3 (Dc) , i (DLi) i+1

2 (700) , 1 (A-SHOT)
 가 (B-SHOT) 2 (B-SHOT)
 a, Cc) 1 3 (Da, Dc)가 , 1 3 (C
 2 4 가 (Cb, Cd) 2 4 가 (Db, Dd)가 ,
 가

, 1 (A-SHOT) i-1 (Ci-1) 2 (B-S
 HOT) i (Ci) 가

5 1 2 가 , 5 x

, y .

1 5 , 1 (A-CA) i-100 i-1 (DLi-100 ~ DLi-1)
 , 2 (B-CA) i i+99 (DLi ~ DLi+99) .

(400) 200 (300) (400)
 200 (500) (100) (500) .
 (500) 1 .

1 1 (A-CA) i-100 i (DLi-100 ~ DLi-1)
 2 (B-CA) i i+99 (DLi ~ DLi+99) 가 .

1 (G1) , i-100 i+99 (DLi-100 ~ DLi+99) 가 1
 (A-CA, B-CA) 1 가 , 1 (300) 1 2 1
 (B-SHOT) 가 (A-SHOT) 2
 , 1 (A-SHOT) 2 (B-SHOT)

, 2 (G2) , 가 1 가 , 2 2
 , 가 1 가 , 2 2

1 (300) 1 2 (A-CA, B-CA) 1 가 ,
 (A-SHOT) 2 (B-SHOT) 가
 , 1 (A-SHOT) 2 (B-SHOT)

6 , 6 1

6 , (1000) (700) (300)
 (300)가 (900)

(900) (300) 1 가 , (700) (70
 0) 1 (300)

(300) (200) 1 (400)
 (300) (100) (OCS) 2 (1
 00) (HCS, VCS) 2

(500) (100) 2 (600) (
 700) 1 2 (700) , 1 2

1 2 , 1 1
 1 2 2 ,

, . , . , .

(57)

1.

1 , 2 ;
 ;
 2 1 2 ;
 1 1 2
 , 2 2 .

2.

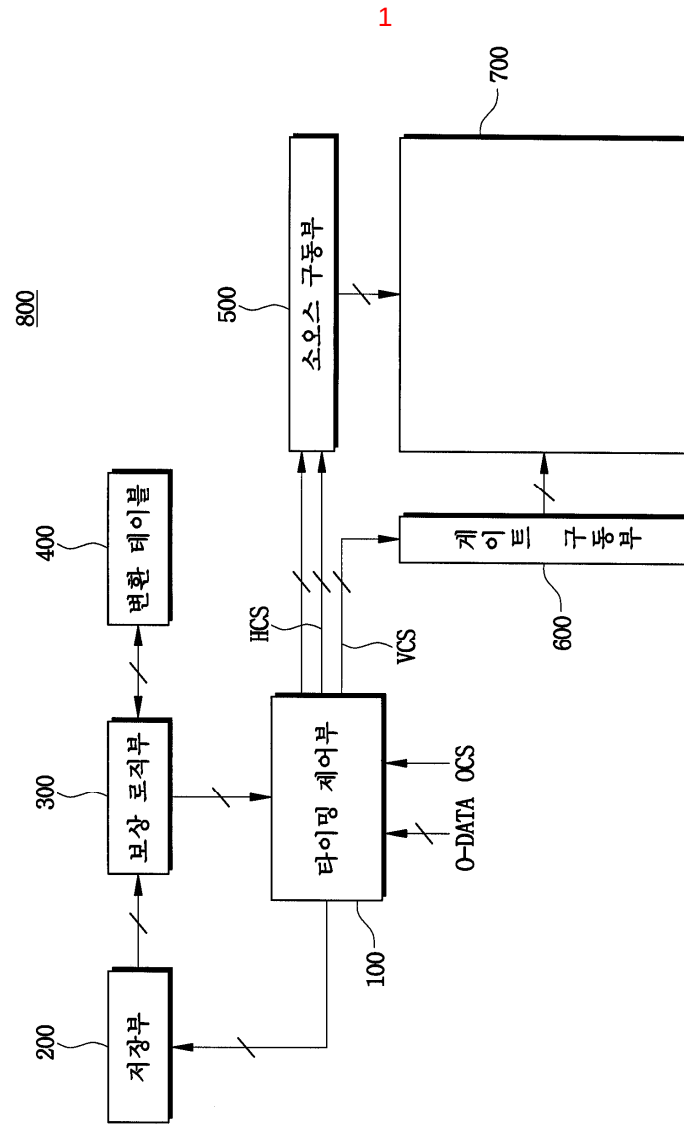
1 , , 가

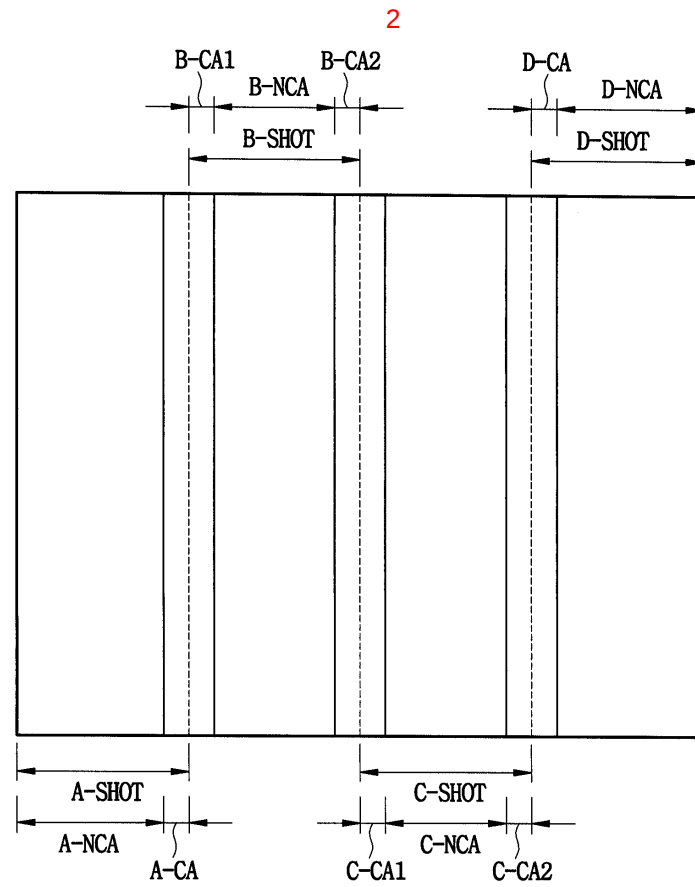
3.

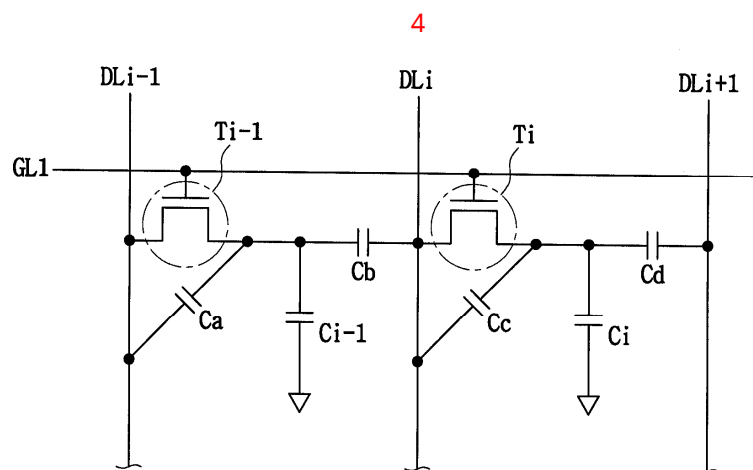
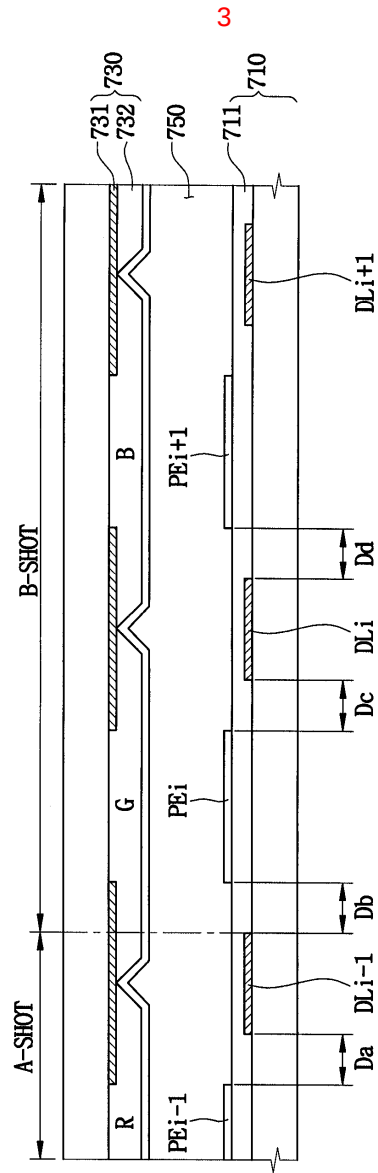
1 , , ;
 1

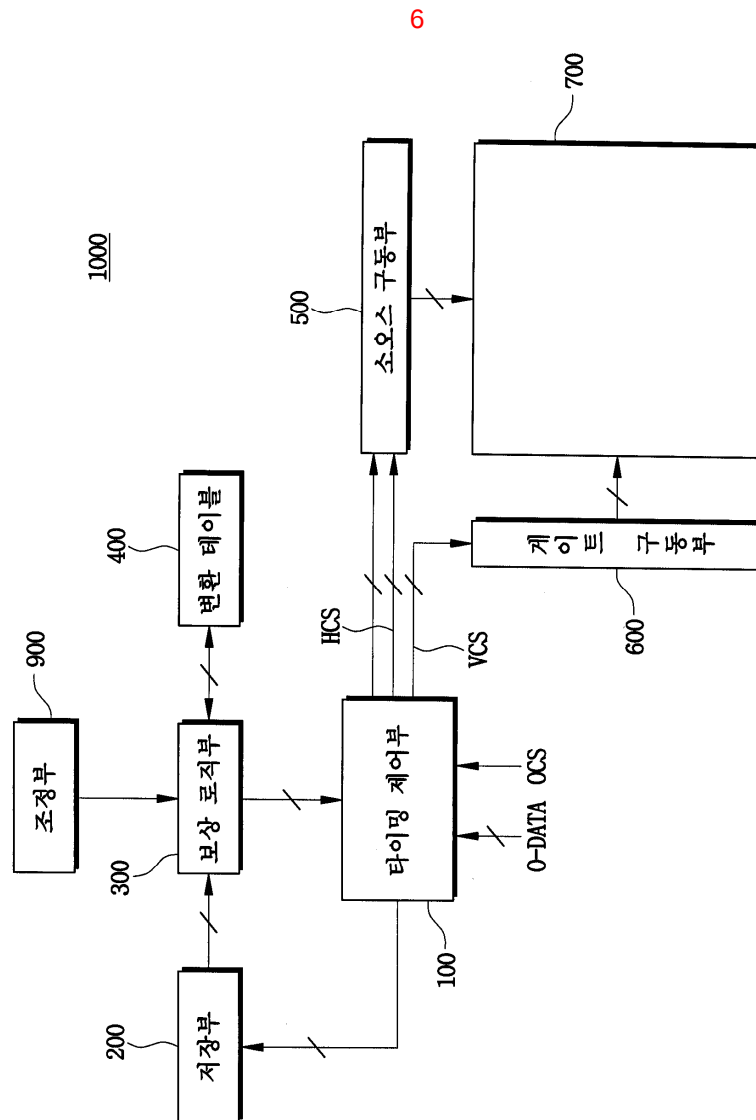
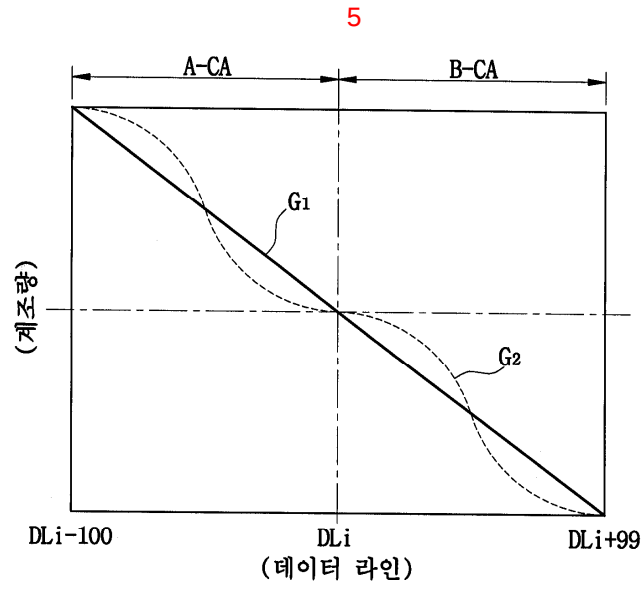
4.

1 , , 1









专利名称(译)	液晶显示器		
公开(公告)号	KR1020050004546A	公开(公告)日	2005-01-12
申请号	KR1020030044768	申请日	2003-07-03
[标]申请(专利权)人(译)	三星电子株式会社		
申请(专利权)人(译)	三星电子有限公司		
当前申请(专利权)人(译)	三星电子有限公司		
[标]发明人	PARK JHEENHYEOK		
发明人	PARK,JHEENHYEOK		
IPC分类号	G02F1/133		
代理人(译)	PARK , YOUNG WOO		
其他公开文献	KR100965158B1		
外部链接	Espacenet		

摘要(译)

在液晶显示器中,补偿从第一图像信号产生补偿信号。第二图像信号就像输出的那样。源极驱动器根据补偿信号和第二图像信号产生第一和第二数据信号,并将其提供给LCD面板。接收第一数据信号的多条第一数据线包括配备有配备的补偿区域的多个未补偿域和接收第二数据信号的多个第二数据线,并且LCD面板指示图像。因此,可以改善液晶显示器的指示特性。

