

(19)  
(12)

(KR)  
(A)

(51) 。 Int. Cl.<sup>7</sup>  
G02F 1/1333  
G02F 1/1345

(11)  
(43)

10-2004-0076291  
2004 08 31

(21)	10-2004-7012446
(22)	2004 08 12
	2004 08 12
(86)	PCT/IB2003/000569
(86)	2003 02 12

(87)

WO 2003/069401  
2003 08 21

(30) JP-P-2002-00035946 2002 02 13 (JP)

(71)

	-5621	.	.	1
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(72)

	-5656	6
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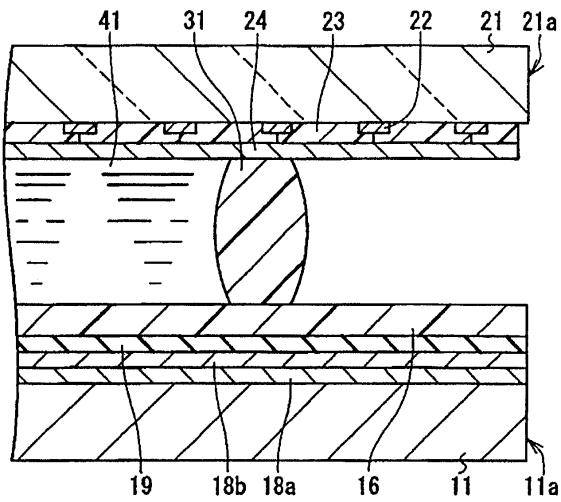
(74)

10

(54)

(11) . 가 (18a,18b) (11), (24) (21),  
(21) (31) (31) (11) (21)  
(21) (31) (21a) (41) . (11) (11a)  
(21a) (18a,18b) (18a,18b) (11) (11a)  
, (21a) 가 가 , (24)  
(21) (21a) . 5  
(16)가 (41) (31) (18a,18b)  
(24) .





1 1 2 2 (a se  
aling member)  
(a narrow - framed liquid crystal display device) .

[illegible]



[illegible]

**1a**, **1b**

**B - B**

**2**,

**3**.



가 2 3 1a

가 2 3

1 (11) 2 (21) (11) (21) (31)가 (11) (3)

1) (21) (41) (11) (21) (11a,21a) (flush structure)'

( 2 ).

3 (12c) (12a) (12b) (11) (12c) (14) (11) (12c) (14) TFT (21)

(13) (11) TFT 가 (15) (13) (16)

(14) (15) (16) (12b) (1)

가 7) TFT (13) 가 (11) ( )

(18a,18b) (11) 1 (18a,18b)

가 (18a,18b) (18a,18b) 가 (11) (11a) (1)

9) (18b) (16) 가 (11) (12a), (12b) (18a,18b)

(15), (12c) (16) (17) (13) (14),

(22), (23), 2 (24) (21) (21a)

가 ( 2 ). ( )

11) (21) (16)

(16) 5 (a relative dielectric constant) 3.5 가 2 3.5 (unevenness)

16) (15) (17) (2001-308737) (16)

(11) (18a,18b) (24) 가 (24)

(16) 가 5 가 5 가

(16) 가 5 가 1  $\mu\text{m}$  5  $\mu\text{m}$  가



, (16), (16), (31)  
가 . (16), (31)  
.  
(18a)  
가 , (18b)( ) 가 .  
(24) 가 TFT  
( ) (17) (14)  
가 가 .  
, 5 (16)  
(18a,18b) (24), (18a,18b) (24)  
(18a,18b)  
5  
(16) (18a,18b) (24), (18a,18b)  
(24) 가 (18a,18b)  
(24)  
(18a,18b)  
(18a,18b) 가 , (18a,18b)  
, .  
(17) (16)  
(18a,18b) (24), 가  
(18a,18b)  
(16) (16) (31)  
31) 가 .  
. 가 ,  
(16) (18a,18b) (24) 가  
가 (18a,18b) (24)  
(18a,18b)  
1 가 1 가 ,  
1 가 2 가 가 .  
, (18a,18b)  
.  
TFT가  
TFT 가 , TFT  
) 가 , MOSFET(  
.  
(17)  
(an open area ratio) 가  
(16)



(57)

1.

,

1

1 ,

1 2 1 2 ,

1 2 (a sealing member) ,

1 2 ,

1 (a side face) 1 2 ,

1 1 ,

1 1 ,

2 2 ,

(a relative dielectric constant) 가

1 2

•

2.

1 ,

1

•

**3.**

1                      2                      ,

1 1 가

,

integral member) , (an i

•

4.

3

•



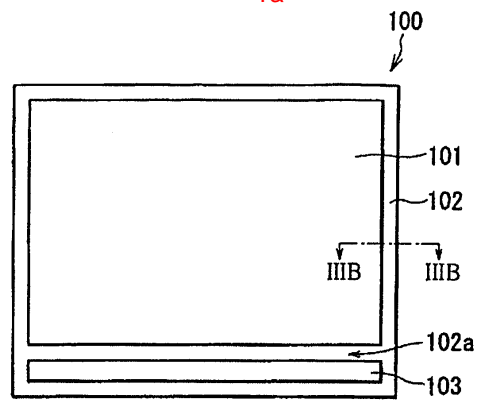
5.

4

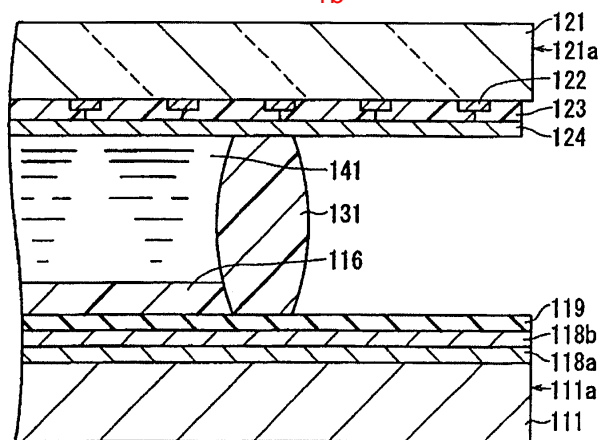
(a resin)

(a thermosetting resin)

1a



1b



2

