

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷
G02F 1/1345

(11)
(43)

2002 - 0012753
2002 02 20

(21)
(22)

10 - 2000 - 0045943
2000 08 08

(71)

.

,

20

(72)

401

103 1108

55 - 1055/5

642 - 3

624 - 3

642 - 3

104 601

(74)

:

(54)

;

1

,

;

1

;

1

1

2 ; 1
3 .

가

5

1

2 1

3 2 A - A ' .

4

5 4 B - B ' .

6 4 C - C ' .

< >

, ,

, (Liquid Crystal Display; LCD)

(Active Matrix) , IC) IC (Chip) (Integrated
Circuit; , IC) IC (Chip) (TAB; Tape Autoamted B
onding) TCP(Tape Carrier Package) COG(Chips On Glass)
TAB IC TCP

1

가

1 (2) (4) (6) (8) ,
 IC (8) (12) (14) .
 (8) , (4) 가 가 가 가
 , (6) ,
 (6) , (4, 6) ,
 (6) (4) 가 (8) (10) (14)가
 (6) (12) , (8)
 (12) IC (8)
 (14) IC (8)

2 1

2 , (16) (14) (14)
 (16) (21) (14) (14) TCP
 (25) (24) (24) TAB
 (14)

3 2 A - A'

3 , (14) (1) (20) , (20)
 (21) , (22) (22) , (22) (23) ,
 (23) (24) (16) (1) (20a) ,
 (20a) (21a) , (21a) (22a) , (22a) (21,21a)
 (23a) (20,20a) (22,22a) (Cr), (Mo),
 , MoW, MoTa MoNb (Mo alloy) ,
 (22,22a) (23,23a)
 , (acryl) , BCB(β - staggered - divinyl - siloxane benzocyclobutene)
 PFCB(perfluorocyclobutane) (14) (23)
 (22) (25) , (23) (25) (22)
 (24) (24) (Indium Tin Oxide : ITO),
 (Tin Oxide : TO) (Indium Zinc Oxide : IZO)

가
 3 " a,b"

1 ; 1 ; 1
 ; 1 1 2 ;
 1 3 .

1 ; 1 ; 1
 ; 1 2
 3 ; 1

.
 , 4 6 .
 4 .
 4 , (40) (41) (42) .
 (40) (34) (33) (33) TAB
 TCP (40)
 . (41) 1 (31,31a) (40) .
 5 4 B - B' , 6 4 C - C' .

5 , (40) (41) (30) (Al) (Cu)
 1 (31,31a) , (30) 1 (31,31a) 1
 (32,32a) . , 1 (32,32a) ,
 (40) 1 (32) (33) . , 1 (32) (31)
 1 (34) , 1 (32) 1 (34) 1 (31)
 (33) (33) (Indium Tin Oxide : ITO),
 (Tin Oxide : TO) (Indium Zinc Oxide : IZO) .

6 , (41) (30) (Al) (Cu) 1
 (31a) , (30) (31a) 1 (32a) ,
 1 (32a) (35) , 1 (32a) 1 (31a) 2
 (43) , 1 (32a) 2 (43) 1 (31a) (3
 5) (41) (42) , (30)
 2 (36) , 2 (36) (37) 2 (38) . 2
 (38) (39) (35) , (39) 2
 (38) 3 (44) , (39) 3 (44)
 (35) (31a) 2 (43) 2 (38) .

가

(57)

1.

,

1 ;

1 ;

$$1 \qquad 2 \qquad ;$$

1 3

•

2.

,

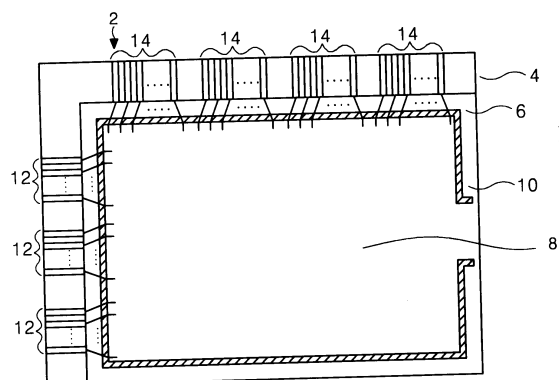
1 ;

1 2 ;

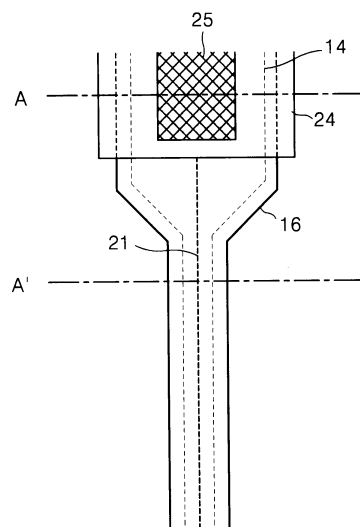
1 3

•

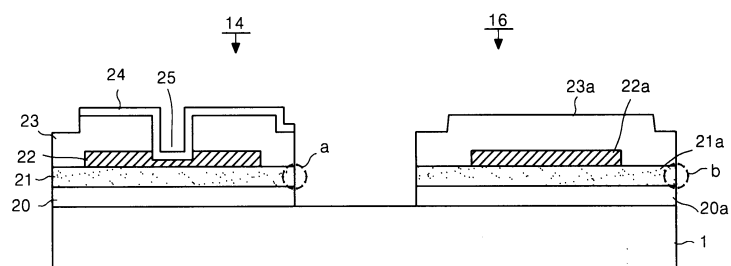
1



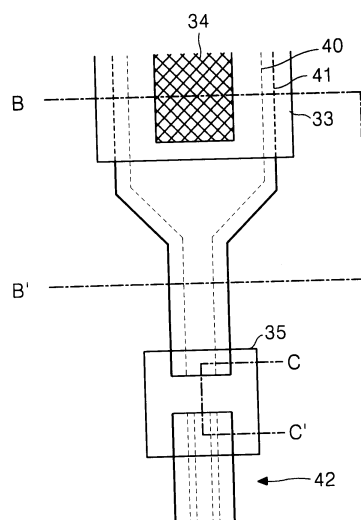
2



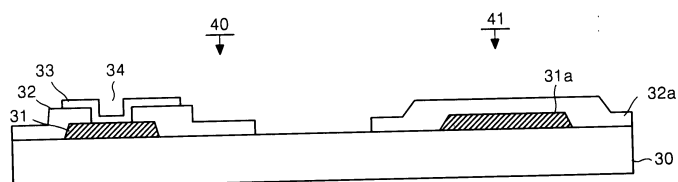
3



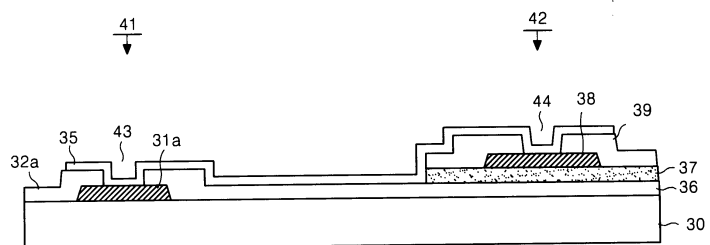
4



5



6



专利名称(译)	液晶显示装置及其制造方法		
公开(公告)号	KR1020020012753A	公开(公告)日	2002-02-20
申请号	KR1020000045943	申请日	2000-08-08
[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	YOO SOONSUNG 류순성 KWAK DONGYEUNG 광동영 KIM HOOSUNG 김후성 JUNG YUHO 정유호 KIM YONGWAN 김용완 LEE WOOCHEE 이우채 PARK DUGJIN 박덕진		
发明人	류순성 광동영 김후성 정유호 김용완 이우채 박덕진		
IPC分类号	G02F1/1345		
CPC分类号	G02F1/13452 G02F1/13458 G02F1/136286 H01L27/12		
代理人(译)	KIM , YOUNG HO		
其他公开文献	KR100724744B1		
外部链接	Espacenet		

摘要(译)

用途：提供LCD (液晶显示器) ，以防止暴露在空气中的非晶硅制成的有源层腐蚀。

