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(22) 2001 12 24

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(74)
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(54)

3f

1

2a 2g 1

3a 3h

11,41 : 26,58 :

28,58 : 30,60 :

32,62 :

34,64 :

(Liquid Crystal Display; LCD)

가

(Thin Film Transistor : 'TFT'

) TFT

1 LCD (11) (32) (30), (

28), (26) (34) (1) (26) TFT (22) (4

0) (24) (26) (11) (11) (30)

(32)가 (11) (30) (32)

(30)가 (11) 가 (28) (28)

(32) (26)가 (26) (28) (40)

(34)

) TFT (((6), (

(8) (8) (10) (22) (10) (6), (

(6) (8) (10) (12) (6) , TFT

(8) (10) (14,16)

TFT

(22) (22) (22) (1) (18) (18)

(24) (10) (22) (1) (1)

(40) (26)

가 2a 2g

(11) 2a

(32)가 (32)가 (11) (

(30A,30B,30C)가 (32) (30A,30B,30C)가 (11)

2c (28)

2d (28) 가 (11) (monomer), (photoinitia

tor) 가 가 (26a)가

2e , (26a)가 (11) (38a) (38b) (38)
 가 (26a) , (38)

2f , (26a) , (26a) (26a) 4.5 μ m
 (26)가 .

2g , (26)가 (11) (34)

(30A,30B,30C)가 (26) (11) 2% (26)
 , (disclination) (11) , (28) (34)

가

200

200~250

5~50 μ m

10~50 μ m

3a 3h

3a 3h

3a , (41) (Cr) (

62)가 .

3b (62)가 (41) (60A,60B,60C)가

3c (58) (62) (60A,60B,60C)가 (41) (Indium-Tin-Oxide), (Indium-Tin-Zinc-Oxide)

3d (58) (41) (64) (64)

3e (64) (41) (62) (inkjet)(52) (52) (54) 가 (56) (56) 200 (56)

(54) 가 (54) 5 μ m~50 μ m (54) (56) 10 μ m~50 μ m

3f (52) (64) (41) 가 (56) (64) (56)

3g (64) (56) (56) (52) (52)가

3h (64) (56) 200~250 (58)

가

(57)

1.

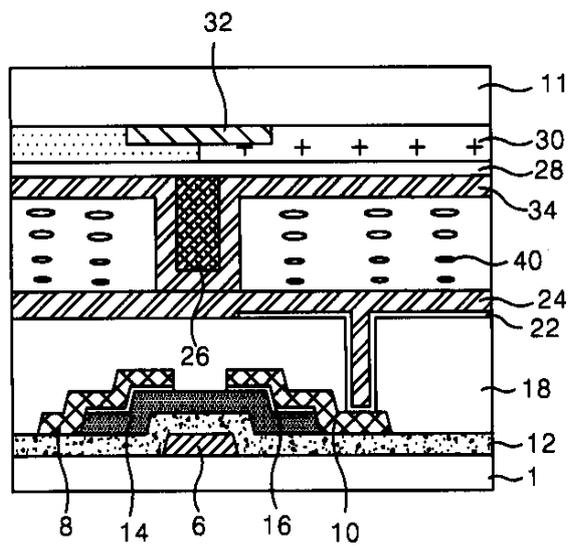
2.

1

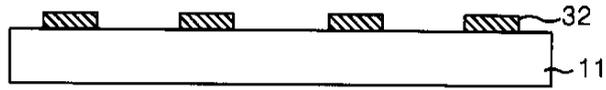
- 3. 1 ,
200~250
- 4. 1 ,
5~50 μ m
- 5. 1 ,
10~50 μ m
- 6. 1 ,

7. 6 ,

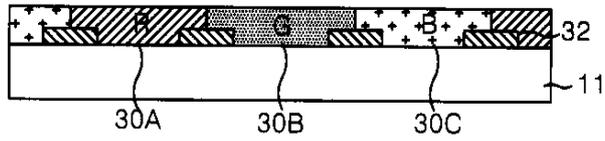
1



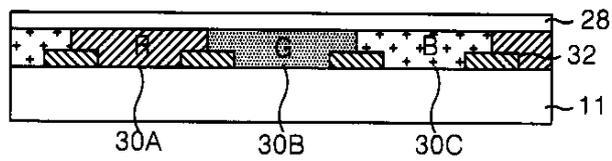
2a



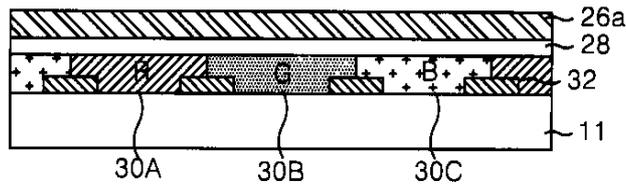
2b



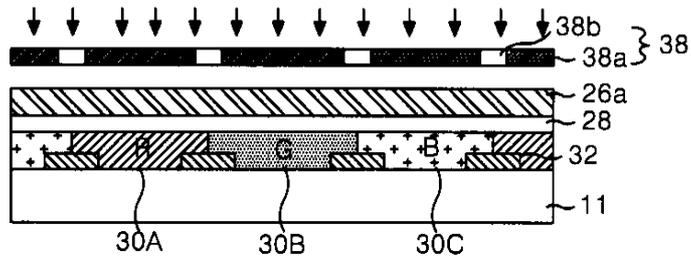
2c



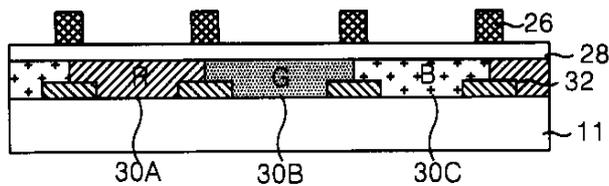
2d



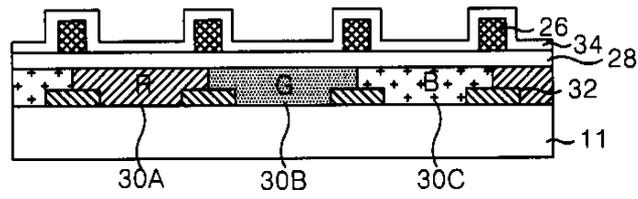
2e



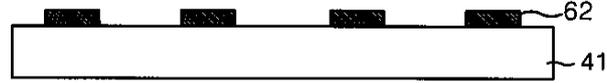
2f



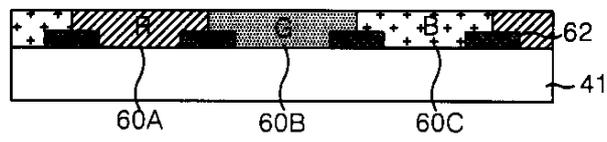
2g



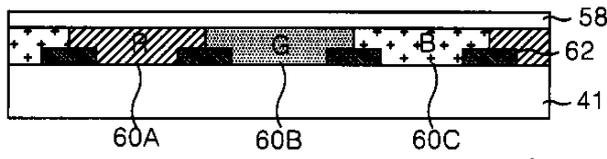
3a



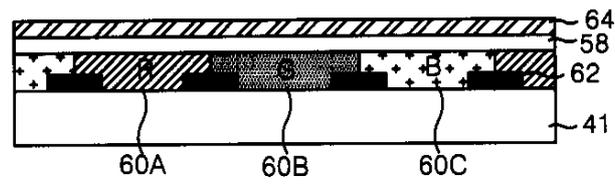
3b



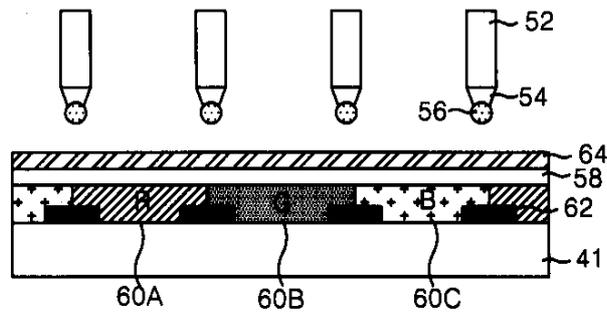
3c



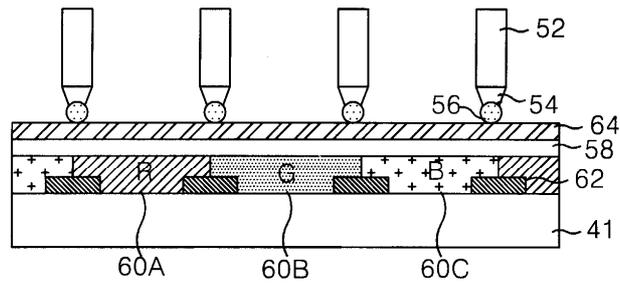
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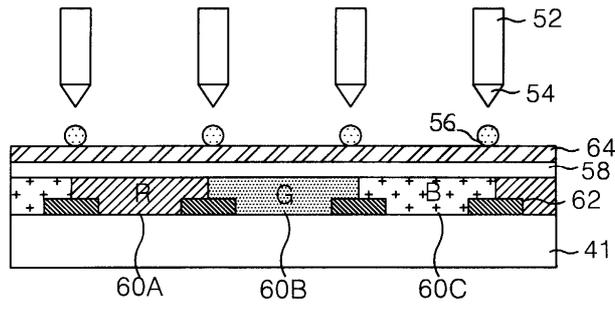
3e



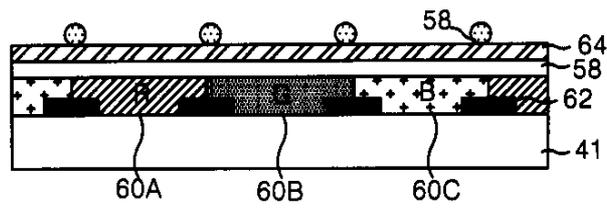
3f



3g



3h



专利名称(译)	液晶显示元件的制造方法		
公开(公告)号	KR1020030055366A	公开(公告)日	2003-07-04
申请号	KR1020010084072	申请日	2001-12-24
[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	CHUNG HYUNSANG 정현상 LEE JUNGIL 이정일		
发明人	정현상 이정일		
IPC分类号	G02F1/1339		
CPC分类号	G02F1/133512 G02F1/13394		
外部链接	Espacenet		

摘要(译)

目的：提供一种LCD（液晶显示装置）的制造方法，以具有所需形状
的间隔物。组成：喷墨头喷嘴上的间隔材料是软烤的。将软背衬垫材料装
载在基板上。通过燃烧隔离材料在衬底上形成隔离物（58）。由此，间
隔件精确地形成在成形位置。此外，降低了成本并消除了磁偏角。

