

(19) (KR)
(12) (A)

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G02F 1/136 (43) 2002 04 26

(21) 10 - 2000 - 0061253
(22) 2000 10 18

(71) .
,
20
(72)
B - 703

(74)
:

(54)

TV LCD , 가 가
, ;
, 가 가
,
, 가
가 ,
가 ,
, (One pixel) (C
VD) , 가

1 .

2 .

3 1 , (a) (b) 3a A
- A' .

4 2 , (a) , (b) 4a B - B' .

< >

10,110,210... 20,120,220...

30,130,230... 40,140,240...

150,250... 111,211...

121,221... / 160,260...

170,270... 180...

TV (LCD) (one pixel) ,
(CVD)

, TFT - LCD , , 가 .
TFT - LCD , TFT , .

1 , (10) (20) ,
(10) (20) (30)
, (10) (20) (40)가 .

(40) , (40)
(40) (30) 가 , (40)

(30) , (40) (OPEN) (40) (40) (30) 가 , (40) (White pixel) . , (30)

1 8 가 .

2 (30) (50) (40) (20) (30)

(20) (30) (laser) (50) (30) (30) (20) (50) 가 , 가 가 .

가 , 가 가 .

가 가 ,

가 가 ,

3 (a)(b)

A - A ' , 4 (a)(b)
B - B ' .

3 (110) (120), (110) (1
20) (130), (110) (120)
(140) (140) (150)

(160) (111) (110) /
(121) (120) / (121) (170) (18
0)

4 (210) (220), (230), (240), (26
0) (210) (211) (220) /
(221) (220) (230)
(laser CVD) (250)

3 (a)(b) (160) (110) (120)
(110) (120) (170)
(110) (120) (130)
가

(110) (110) (120) (140)
(111) (120) / (121)
(140) (130) (130)

(140) (130) 가 (OPEN) ,
(140) (140) (130) (130)
가 (140)

(140) (130) (150) 3 (b)
(150) (Repair)
(輝點)

4 (a)(b) (260) (210) (220)
(210) (220) (270)
(210) (220) (240)
(210) (211) (220) / (221)

, (210) 가 (220) (240) (230) ,
 , (230) .
 , (240) , (240) (230) (w
 hite pixel) .
 () 가 (220) (230) , (220)
 (230) 가 .
 (230) (220) 가 ,
 (white mode) 가

, , TV
 ,
 가 가

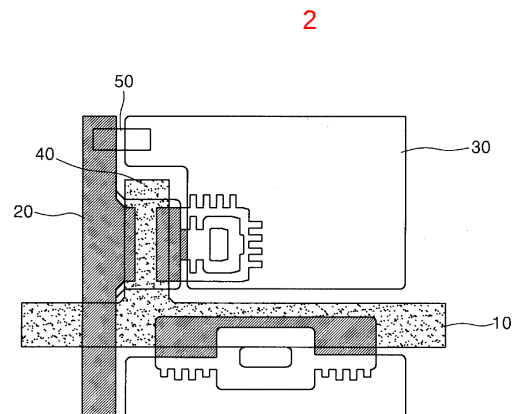
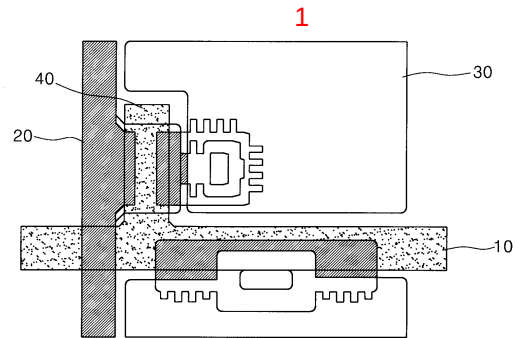
(57)

1.

;
 ; ,
 ,
 가 가 ,
 ,

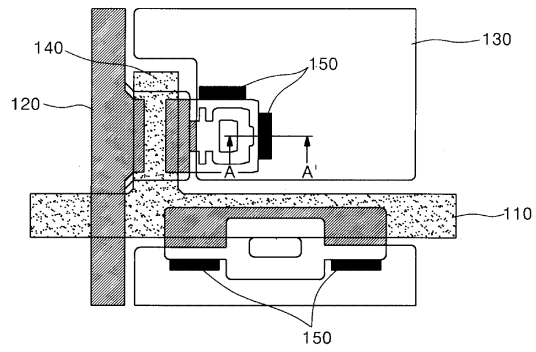
2.

1 , 가
 가 ,

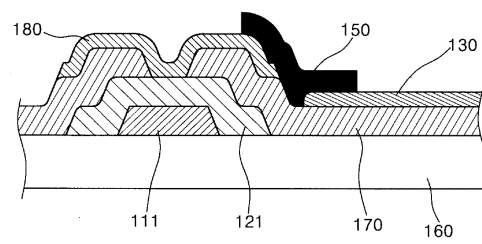


3

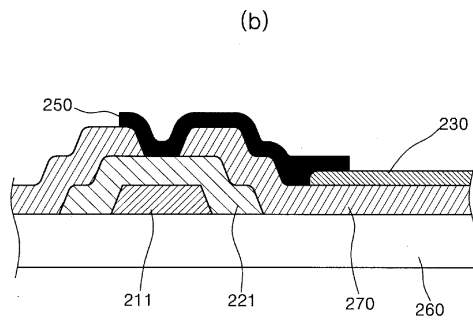
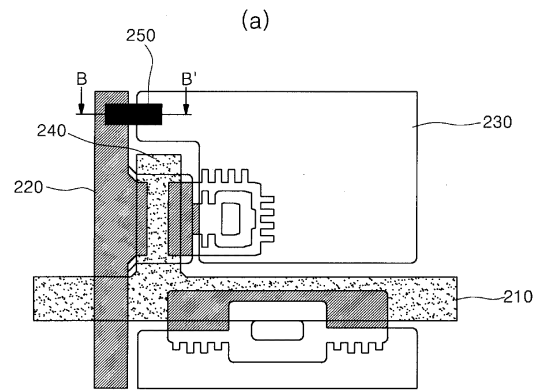
(a)



(b)



4



专利名称(译)	一种使用激光化学气相沉积设备的像素修复方法		
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申请号	KR1020000061253	申请日	2000-10-18
[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		
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IPC分类号	G02F1/136		
其他公开文献	KR100695614B1		
外部链接	Espacenet		

摘要(译)

目的：提供一种使用激光DVD设备修复一个像素的方法，仅当在LCD元件的一个像素开口区域中产生缺陷时，仅通过使用激光DVD设备在有限的部分中形成金属图案。

