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(72) 285-39 가 102

(74)  
:

(54)

(30) , (30) (42) , (30) ,  
1 (44)가 (40); (30)  
, , 2 (40) (52)가 2 (62)가 (50); (30)  
, (60);

6

, , , , , , , , ,

1 OLED 가 ,  
2 OLED ( IC) ,  
3 OLED ,  
4 (40) (50)

5 3 OLED 4 (40, 50, 60)

6 5 OLED 가

< >

10 : OLED , 11 : ,

15 : , 17 : ,

20 : IC, 22a : 1 ,

22b : 2 , 24 : ,

26 : , 27 : ,

28 : , 30 : OLED ,

33 : RGB , 40 : ,

42 : 1 , 44 : ,

46 : , 50 : ,

52 : 2 , 60 : ,

62 : .

(Organic Luminescence Electro Display, 'OLED' ) ,

OLED , LCD, PDP, OLED, FED , 1

(10) 가 (15, 17) .

1 (ITO) (15)가 가 , ( ) (17)가 가 .

2 OLED (10) (IC) . 2

(27) , IC(20) 1 (22a) 2 (22b)

(24)가 , (26) (28) .

(24) (22a, 22b) (15)가

(27) OLED (10) 가

(26) (17)가 (28) OLED (10) 가 .

ip Chip On Film) OLED IC(20) 가가 , 가 COF(Chip On Film) FCOF(FI  
 3 ACF 가 (Tact time) 가, 가, 가 , 가  
 , COF , COF 가 , , OLED IC  
 (30) (30) 1  
 (42) (44)가 (40);  
 0) (30) , 2 (40) (52)가 2 (50); (3  
 (30) (60); (62)가  
 , (40) 2 (50) (30) ,  
 (60) (40) 2 (50)  
 , (30) (R), (G) (B) (33)가 가 .  
 가 (40, 50, 60) COF, FCOP, FPC, TCP  
 , (30)  
 (40); 2 (30), (52)가 2 1 (42) (44)가  
 (62)가 (60); ; (50);  
 (40) 2 (50) ;  
 ; (40) (30) , (30)  
 50) 2 (50) (30) 2 ( (30)  
 (60) (60) (30) (50) ; ,  
 가 (40, 50, 60) COF, FCOP, FPC, TCP

3, OLED (30), (R), (G), (B)가 (33)가, OLED (30), 3, OL (30)  
 ED (30), 가 (ROW) (CAN) 가 ( ) , OLED (30), OLED (30)  
 ( ) 가 ( ) 가 . ,  
 4 (40), 4 (40), 1 (46)가 (50), (42), (44)가 ( )  
 40) 4 , 가 .  
 (50) 2 (52)가 , 가  
 , (60) OLED (62)가 , 4 가  
 , (40) (50) 가 4 .  
 5 3 OLED 4 (40, 50, 60) (40)  
 ) , OLED (30), 5 (50) , OLED (30) OLED (30) (40) , OLED (30)  
 , OLED (30), (60) (40) . 5 (50) OLED , OLED (30)  
 (30) , 6 5 (40) OLED (30) 가 , OLED (30)  
 (40) (50) 가 , OLED (50)  
 OLED (30) 가 , (50)  
 OLED (30)  
 , (60) , (40) (50) , ,

(40, 50, 60) COF(Chip On Film), FCOF(Flip Chip On Film), FPC(Flexible Printed Circuit board), TCP(Tape Carrier Package)

, TCP , LSI , TCP ,  
 PDP, EL OLED , LCD, FED,  
 , OLED IC COF , COF 가 , ,

가

(57)

1.

(30) ,  
 (30) (42) (44)가 (30) (40); 1  
 (30) (40) (52)가 2 (50); (3  
 (30) (60); (62)가

2.

1 (40) 2 (50) (30) ,  
 (60) (40) 2 (50)

3.

1 2 (30) (R), (G) (B) (33)가

4.

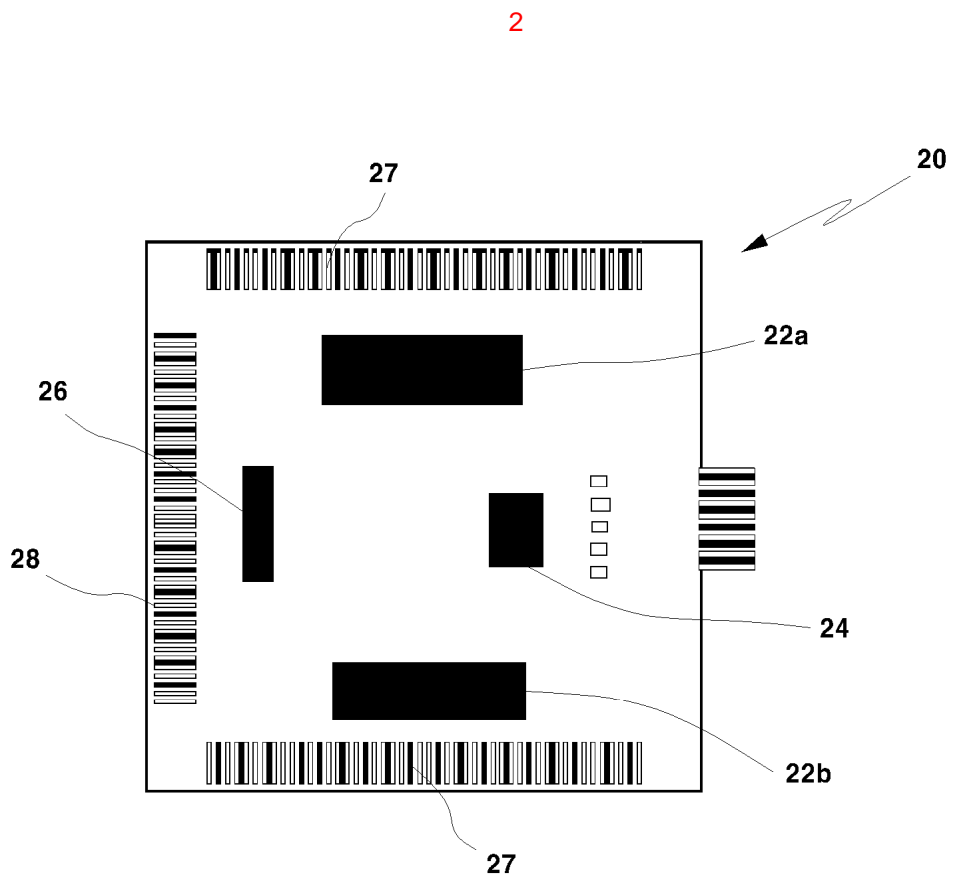
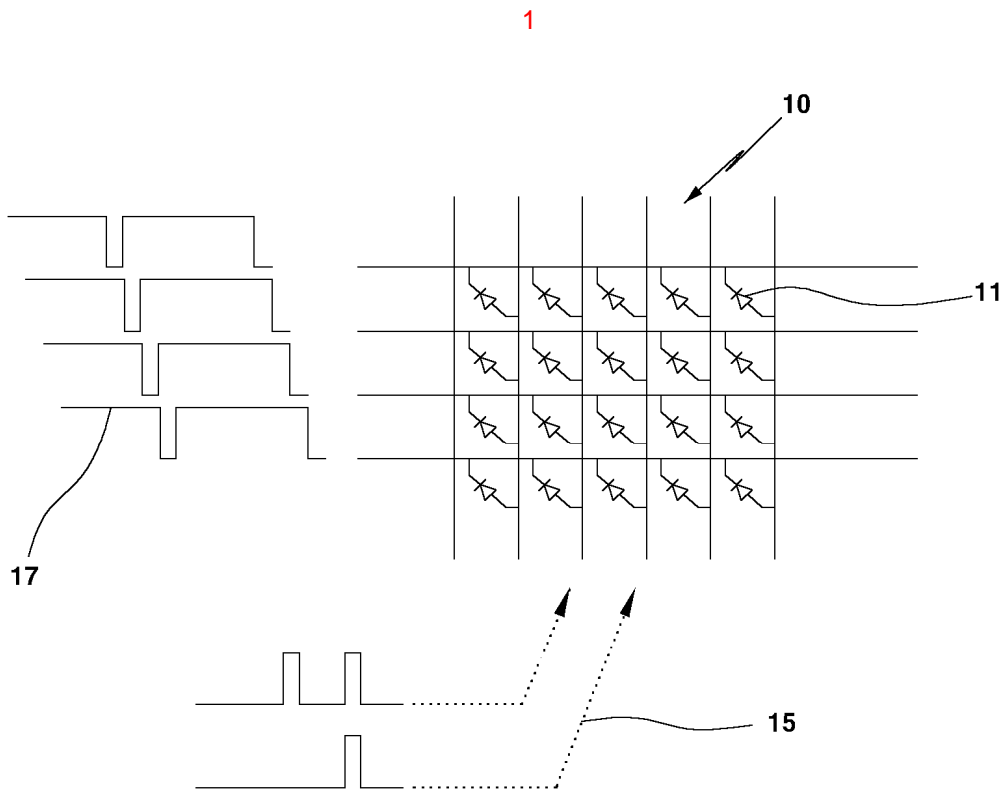
1 (40, 50, 60) COF, FCOF, FPC, TCP

5.

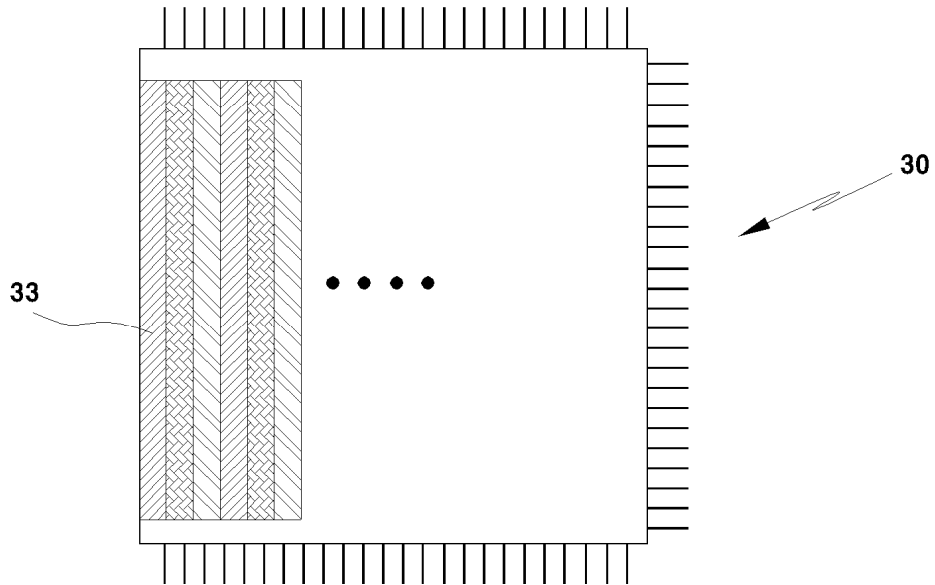
(30) ,  
 (30), (42) (44)가  
 (40); 2 (52)가 2 1 (50);  
 (62)가 (60); ;  
 (40) 2 (50) ;  
 (40) (30) , (30)  
 ;  
 2 (50) (30) 2 ( (30)  
 (60) (40) 2 (30) (50) ; ,  
 (60) (40) 2 (30) (50) ; ,

6.

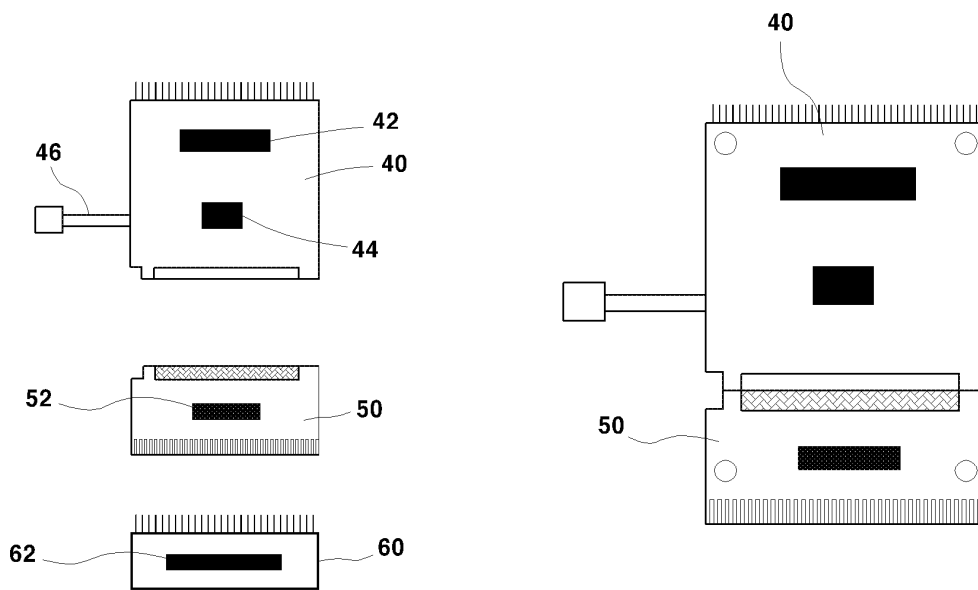
5 (40, 50, 60) COF, FCOP, FPC, TCP

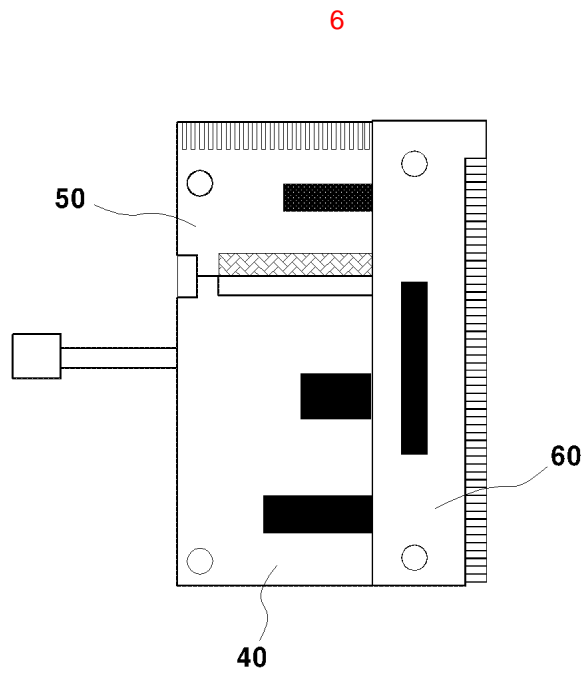
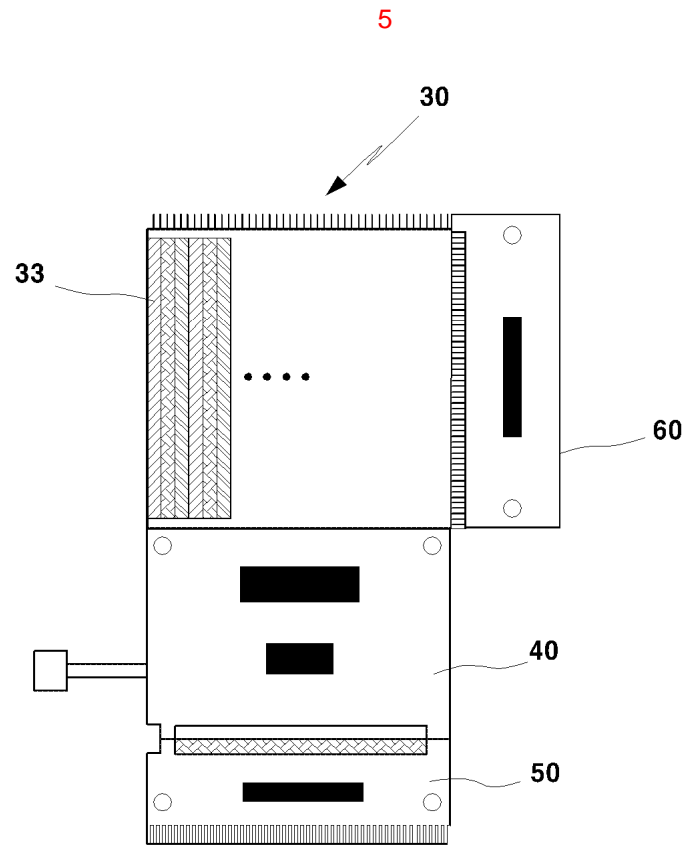


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4







专利名称(译)	具有调制显示驱动装置的有机电致发光显示面板及其制造方法		
公开(公告)号	<a href="#">KR1020040093855A</a>	公开(公告)日	2004-11-09
申请号	KR1020030027707	申请日	2003-04-30
[标]申请(专利权)人(译)	ELIATECH		
申请(专利权)人(译)	电梯技术有限公司.		
当前申请(专利权)人(译)	电梯技术有限公司.		
[标]发明人	KIM JIN		
发明人	KIM,JIN		
IPC分类号	G09G3/30		
代理人(译)	孙某EUN JIN		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

本发明涉及具有调制显示驱动器件的有机电致发光显示器及其制造方法。为此，提供完整的改变是控制器模块（40），并且，另一个完整的改变是在面板（30）中配备有第二数据驱动器（52）的第二数据驱动器模块（50）及其内部部分电气组合：和面板（30），以及配备有扫描驱动器（62）的扫描驱动器模块（60），扫描驱动器（62）电连接并输出扫描驱动信号，另一个完全改变它是电连接的，它被安排在控制器模块（40）的一侧包括第一数据驱动器（42），其电连接并输出数据驱动信号和控制器（44）：面板（30）。有机，电场，辐射，扫描，数据，模块，控制器，驱动，信号，结。

