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2010 04 12

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HD5B 33/02 (2006. 01) HD5B 33/04 (2006. 01)

24

HD1L 51/50 (2006. 01)

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(22) 2008 06 26

508

2008 06 26

(65) 10-2010-0001275

508

(43) 2010 01 06

(56)

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US20050285520 A1\*

(74)

US20050155704 A1

JP17017333 A

JP17293946 A

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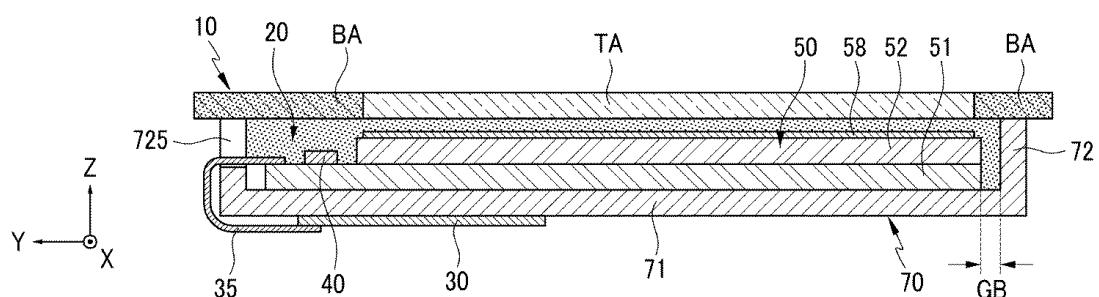
: 13

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(54)

(57)

1 , 1 ; 2 , 2  
 ,  
 1  
 ;  
 (cover window);  
 2  
 .

100

(72)

508

993-5 101

508

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**1**

1 , , 1

2 , , 1

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2 , , (cover

window;

2 , 1

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1 , ,

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1 , 2 , ,

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**8**

1 , , 1

2 , , 1

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[0002] (organic light emitting display)  
(Organic Light Emitting Diode)  
(exciton)

[0003]

[0004]

[0005]

[0006]

[0007]

[0008]

[0009]

[0010]

[0011]

[0012] 1 , 1 ;  
2 , 1 ,  
2 , 1 ;  
window; (cover

[0013]

[0014]

[0015]

[0016] 1 , 1 , 2

- [0017] 1 2 ,  
1 2 .
- [0018] 200 .
- [0019] , 1 , 1  
2 , 1 ; ;  
; 2 ; 2 ;  
1 ;
- [0020] ,
- [0021] ,
- [0022] , 1 , 1  
1 2
- [0023] 1 2
- [0024] 200 .
- [0025] ,
- [0026] , ,
- [0027] ,
- [0028] ,
- [0029] ,
- [0030] ,
- [0031] ,
- [0032] ,
- [0033] , , , , , " "



[0046]	, 3 (50)	, (BA) (DA)	(10) , (BA)	1 (51)	(NA) (50)	(NA) (50)	(TA) (50)	(D)
[0047]	,				(10) (100)	(BA)	,	
[0048]	(20) (20)	(10)	(70)					,
[0049]	3 4 (NA) (51)	, (10) 2 (52)	(20) . . .	2 (52)	(20) (70)	(10) (70)	1 (71)	(51) 1
[0050]	, (20) (50)		(50) (70)		(10) (50) (50)	(70)	(10) (70)	(10) (72)
[0051]	, (20) (40) (50)	(40) 1 (51)		1 (NA) (NA)	(51) ,	(NA)		,
[0052]	, (20) (100) 0		(50) ,	(70)		(10) (50) (100)	(50)	(5)
[0053]	, (50)							
[0054]	, (20) (50)	, (20) ,				(20) (70) (72)		
[0055]	, (20) (10)	(10) ,	(GB) 200			(20) (10) (10)	2 2 (20)	(52) (52)
[0056]	, , ,				(100) (50)			(40)
[0057]	, ,		(100)					(50)
[0058]	, (50), , (40) ,	(10) 1 (51) (50)		(70) (NA) (20)	(20) (20)			
[0059]	, (10)	(20)					(100)	

[0060]	,	5	6	,	(50)		.	.
[0061]				(50)			5	6
			(L1)	(T1, T2, C1)			1	(51)
	,	1	(51)	(511)	,	(511)		(T1, T2, C1)
			(L1)					
[0062]			(L1)	(544)	(545)		(546)	.
	2			(T1, T2)		(C1)	.	.
				(T1)	(T2)			
[0063]			(T1)	(SL1)	(DL1)	,	(SL1)	.
				(DL1)			(T2)	.
	(C1)		(T1)	(VDD)	,		(T1)	.
				(VDD)				
[0064]			(T2)	(VDD)	(C1)		(C1)	.
					(I <sub>LED</sub> )	(L1)	,	(L1)
					(T2)	(533)		(532)
	(531)	,		(L1)	(544)		(T2)	(532)
[0065]	2	(52)		(L1)	(T1, T2, C1)	1	(51)	.
[0066]	,	7	9	1		(100)	.	.
[0067]	,			(50)	,	(50)	(70)	.
				(50)	(70)			.
[0068]	,	7		,	(10)	,	(25)	.
		(25)		(10)		7	,	(BA) TA
						,	(10)	.
[0069]	,	8		,	(25)	2	(52)	(40)
		(10)		(50)		,	(10)	(BA) 1
	(10)		(NA) ( 1 )	2	(52)			
[0070]	,	8		,	(10)		(50)	.
	(10)		(25)				(50)	.
	0		(50)					(1)
[0071]			,	(10)		(50)		(25)
			(50)					.
[0072]	,		(10)		(25)	2	(52)	(10), 1 (51)
			(NA)	(10)	,	(70)	(72)	(50)
				(25)				.
[0073]	,	9		,	(25)		(20)	.
							(25)	.
							(UM)	.
[0074]	,	9		(UM)	(10)	(25)		.
				,	(UM)	(70)	(10)	.
				(UM)				(optic fiber)

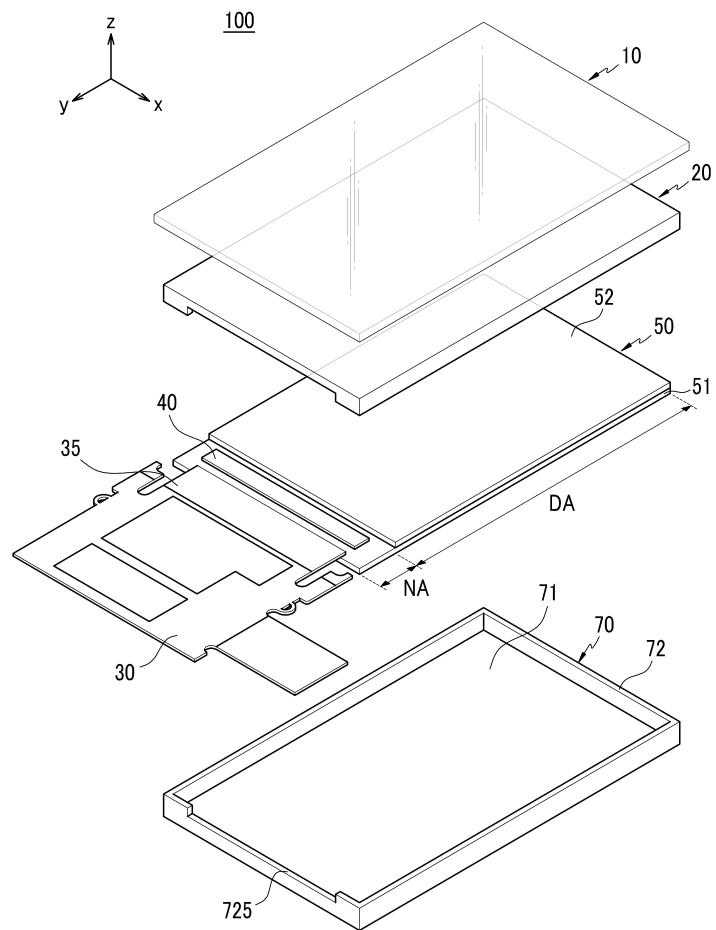
[0075]				(100)
[0076]	,	(50), (40)	(10) 1 (51) (50)	(70) (NA) (20) (20)
[0077]	,	(10)	(20)	,
[0078]	,			
[0079]	,	(10)	(50)	(DA)

**1**

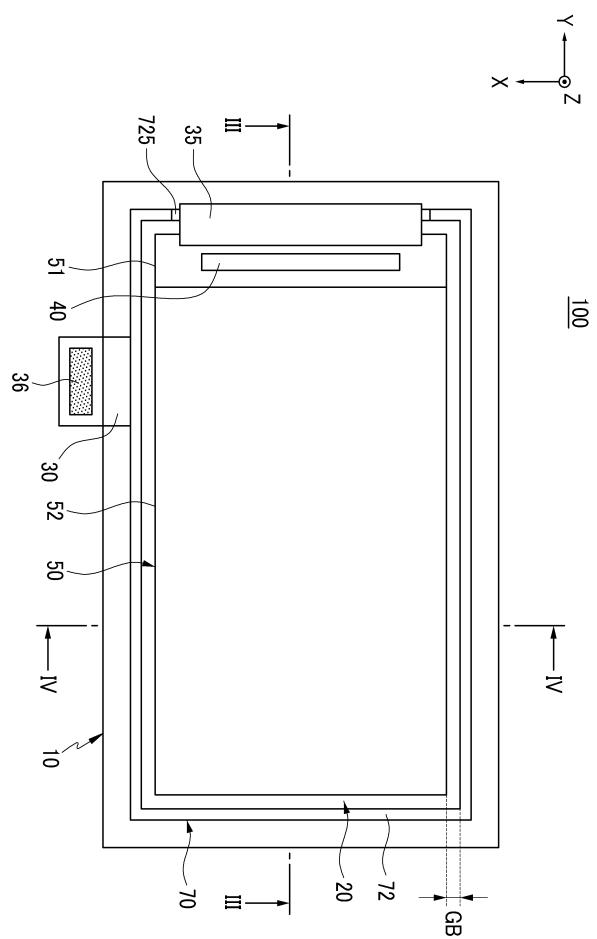
[0080]			
(luminance) [cd/m <sup>2</sup> ]		180	206
@ 10,000 lux		1.74	2.45
@ 10,000		5.3%	14.5%
[%]		91.8%	91.8%
	[%]	7.44%	4.35%

[0081]	1	,
[0082]		,

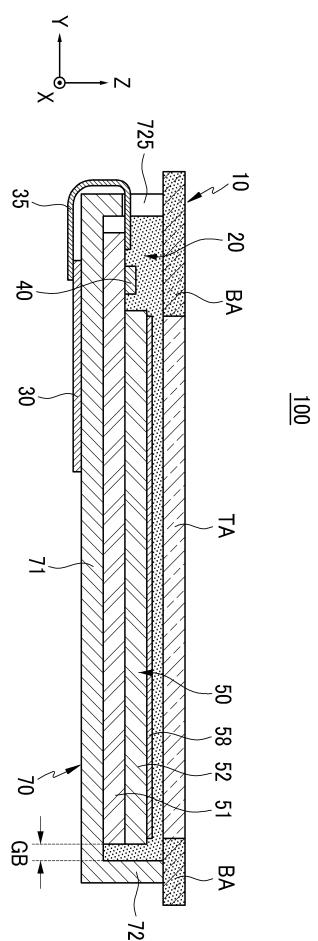
[0083]	1	
[0084]	2	1
[0085]	3	2
[0086]	4	2
[0087]	5	1
[0088]	6	1
[0089]	7	9      1

**1**

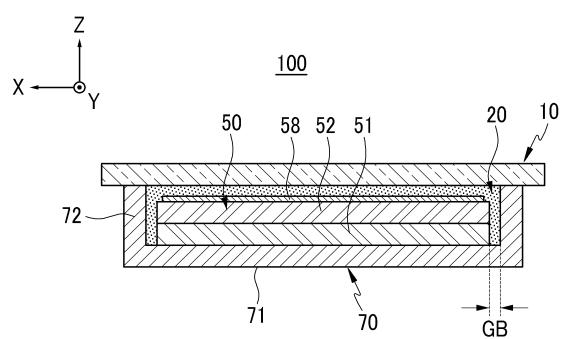
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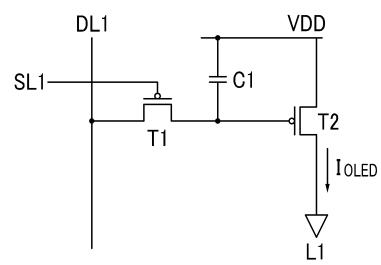
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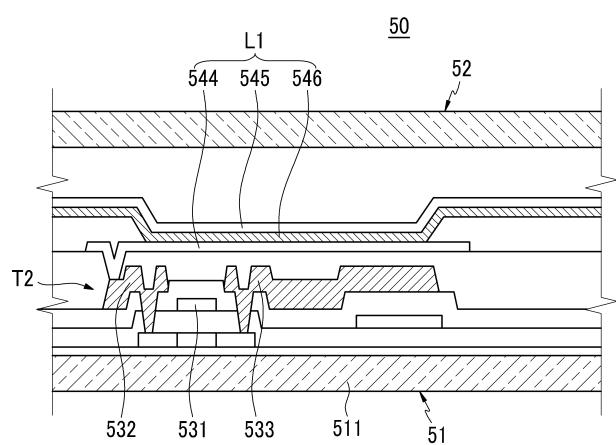
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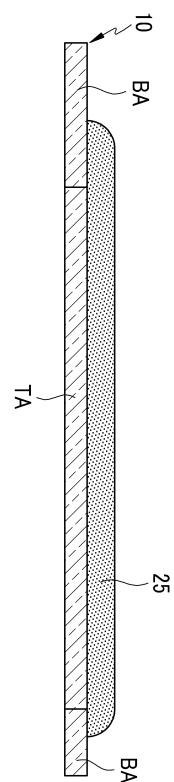
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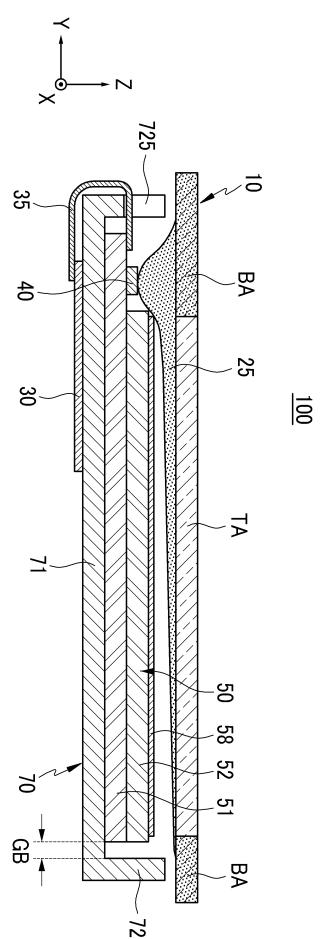
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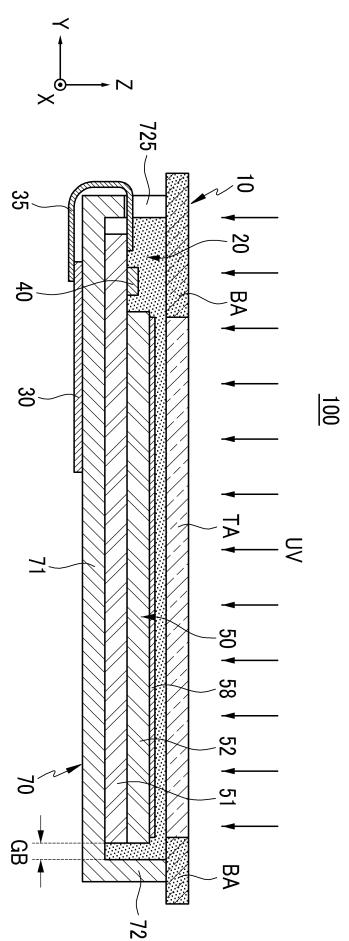
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专利名称(译)	有机发光显示器及其制造方法		
公开(公告)号	<a href="#">KR100953654B1</a>	公开(公告)日	2010-04-20
申请号	KR1020080061125	申请日	2008-06-26
[标]申请(专利权)人(译)	三星显示有限公司		
申请(专利权)人(译)	三圣母工作显示有限公司		
当前申请(专利权)人(译)	三圣母工作显示有限公司		
[标]发明人	LEE DUK JIN 이덕진 KWAK NOH MIN 곽노민 JUNG WOO SUK 정우석 PARK SANG HUN 박상훈 JUNG KYU HO 정규호		
发明人	이덕진 곽노민 정우석 박상훈 정규호		
IPC分类号	H05B33/02 H05B33/04 H01L51/50		
CPC分类号	H05B33/04 H01L51/524 H01L51/0097 H01L2224/80862 H01L2224/80874		
其他公开文献	KR1020100001275A		
外部链接	<a href="#">Espacenet</a>		

## 摘要(译)

有机发光二极管 (OLED) 显示器及其制造方法。OLED显示器包括：显示面板组件，包括具有显示区域和安装区域的第一基板 (51)，连接到第一基板的显示区域的第二基板 (52)，以及安装的集成电路芯片 (40) 在第一基板的安装区域中；盖窗 (10)，与第二基板和集成电路芯片相对设置并覆盖显示面板组件；粘合层 (20) 填充第二基板和覆盖窗之间的空间，以及第一基板的安装区域和覆盖窗之间的空间。

