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2003 08 02

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2002 11 16

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(54)

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1a 1e
2a 2h
3
4 3

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10 ; 20 ; 1
 30 ; 1 40 ; 2
 50 ; 2 60 ;
 70 ; 80 ;

(Organic Electroluminescent) { , EL) 가 ,

(FPD:Flat Panel Display) (PDP:Plasma Display Panel) (FED:Field
 Emission Display) (LCD:Liquid Crystal Display)
 (OELD:Organic Electro Luminescence Display)
 EL LCD 3 가

EL 1
 1) ITO : (1) (ITO)(2) .(1
 a)
 2) : EL (1)
 (3) .(1b)
 3) : (2) (3) (4) .(1c)
 4) : (4) (5) .(1d)
 5) (Encapsulation) : EL 가 가
 (Capsule)(6) (7)
 EL (2) (5)

가

가 .

가

1 ; 1 ; 2 ; 1 ;
 1 2 ; 2 2 ; 2
 ; 1 2
 , 2 1 ITO , 1 ; 1
 1 ; 1 2 2 ; 1 2
 ; 2 2 ;
 , 1 , (10) 가

1 (20) (stripe) (S1).
 Mo, Al, Cr, MoW
 2 1 (20) 1 (30) (S2).
 1 (30) (spin coating) (20) (contact h
 3 ole)(31) (30) (S3).
 (31)
 (30) , 2 (31) 가 1
 1 (30)
 4 (31) 1 (30) 2 (40) (S4).
 2 (40) ITO 가 500 가 2
 (40) (31) 1 (20)
 , 5 , 2 (40) 2 (50) (S5). 2 (50)
 1 (30)
 2 (50)
 7 8 (60) 2 (60) (S6).
 (50) (70) (80)
 (S7,S8).
 2h 3, 4
 20) (10) 1 (20) , 1 ((30) 1 (20)
 (31) 1 (30) 2 1 (40) 2 (50) , 2 (50) (7
 , (60) 2 (40) (60) (70)
 0) (80) (80)
 , EL (80) 2 (40)
 (80) (20)(40) 가 , 1 (20) 2 (40) (40)
 , EL 가
 가

(57)

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ITO

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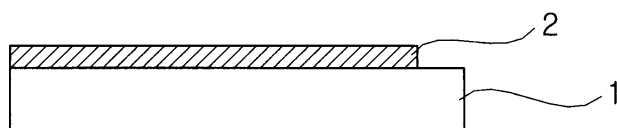
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4.

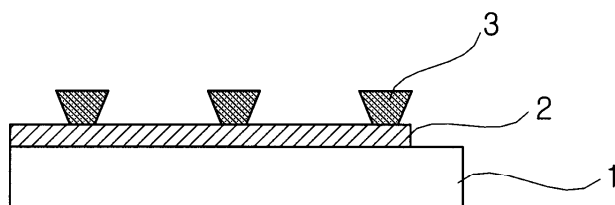
1 1
1 1
1 1
2 2
2 2
2 2

(S1) ;
(S2) ;
(S3) ;
(S4) ;
(S5) ;
(S6) ;
(S7) ;
(S8)

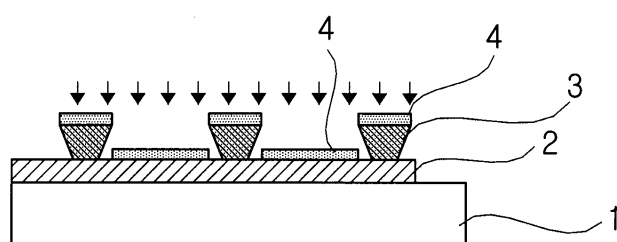
1a



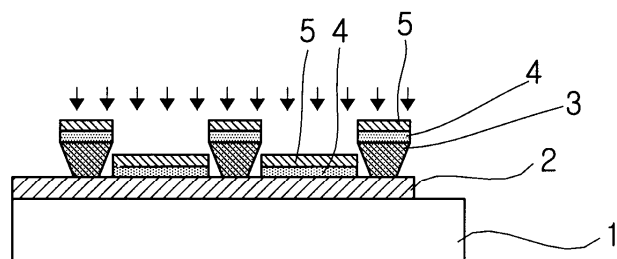
1b



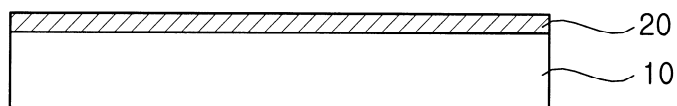
1c



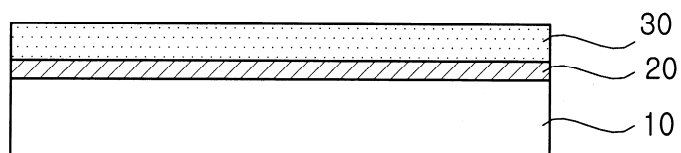
1d



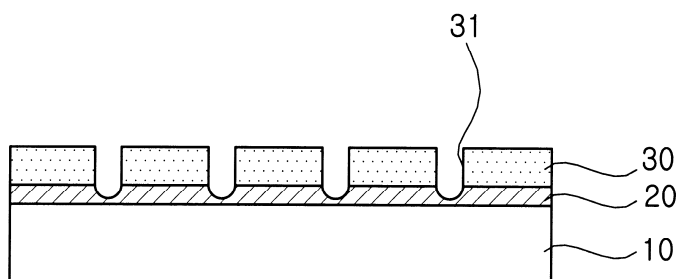
2a



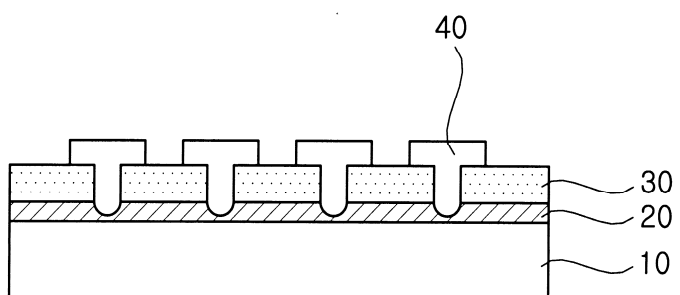
2b



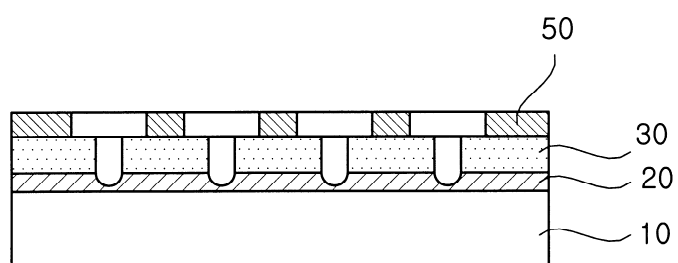
2c



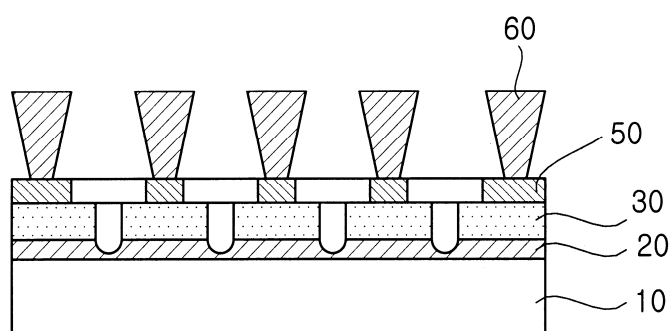
2d



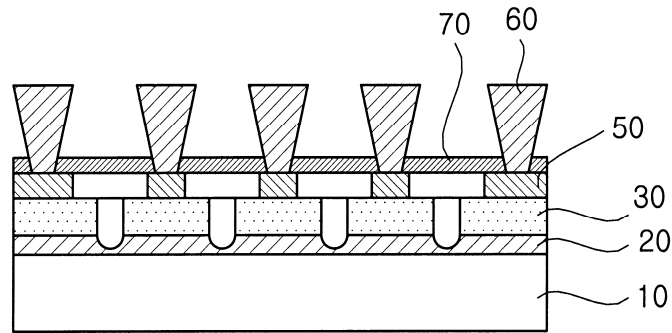
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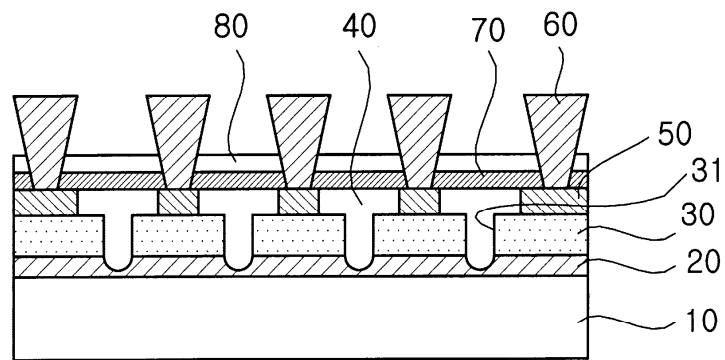
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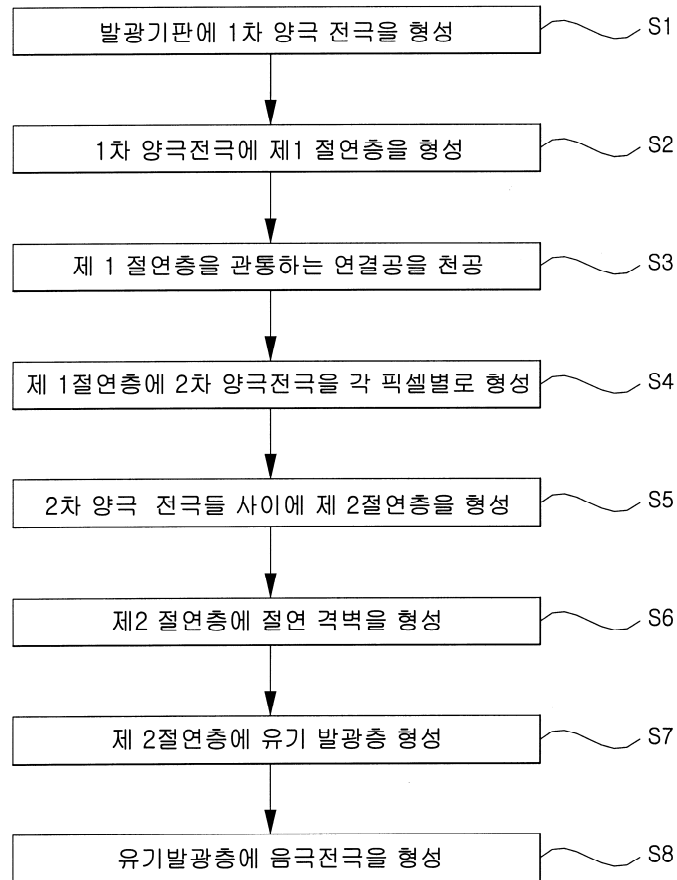
2g

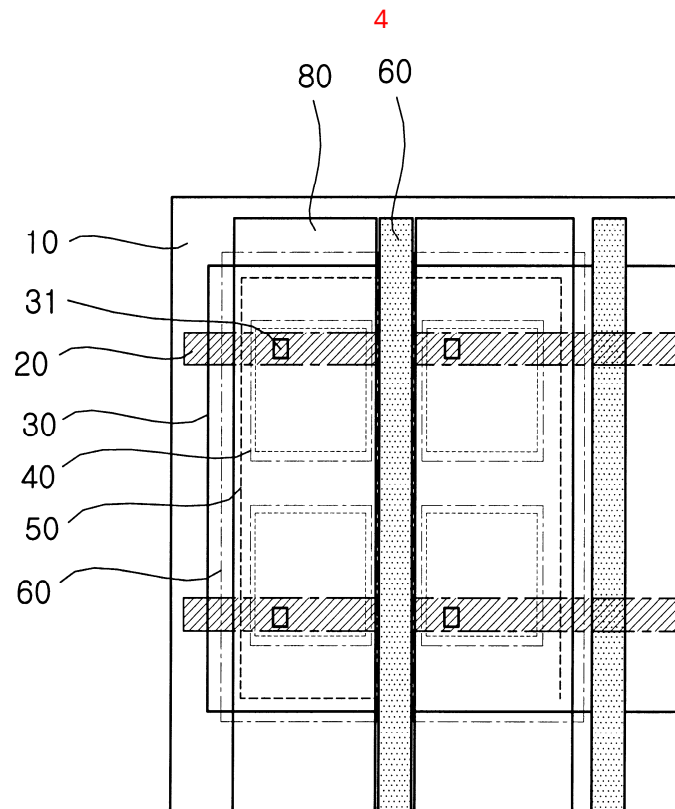


2h



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专利名称(译)	一种具有双阳极结构的有机电致发光器件及其制造方法		
公开(公告)号	KR100394818B1	公开(公告)日	2003-08-19
申请号	KR1020010024809	申请日	2001-05-08
[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	KANG SHINKYU		
发明人	KANG,SHINKYU		
IPC分类号	H05B33/26 H01L51/52 H01L27/32		
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代理人(译)	CHO , TARM PARK MI SOOK		
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外部链接	Espacenet		

摘要(译)

本发明涉及其中具有阳极结构的有机电致发光器件及其制造方法。并且通过在称为扫描电极的阴极电极周围的一个像素中双重地称为数据电极的阳极电极，它被限制为电路短路的像素，因为由于适用的像素内的第一阳极电极而防止了电流的流入尽管有机发光层，第二阳极和阴极电极在像素内电路短路，并且过电流流动并且驱动停止，另一个像素不受影响并且在面板上显示，所以切割第二阳极电极根据整个屏幕的驾驶通常执行。有机电致发光器件，阳极，阴极，短路。

