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2003-0069511
2003 08 27

(21) 10-2002-0009319
(22) 2002 02 21

(71) 3 416

(72) 4 3 2-402

(74)
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(54)

가 .

4

1 1 2 .

2 1 A1-A2 .

3 .

4 3 2 .

5 4 1 B1-B2

6 2 .

7 3 .

8 4

3

CRT

가

,가

가

,2

가

가

가

가

가 가

가

가

2

3

가 가

1

2

가

1

1

2

2

1

A1-A2

1	, 1	(110)	1	(111),	1	(111)			1
2	(115, 117),	1	(111)			1	2	(112, 113)	
	, 2	(120)	2	(121),	2	(121)			3
4	(125, 127),	2	(121)			3	4	(122, 123)	
4	1 3	(115, 125)	1	2	(111, 121)				2
	(117, 127)				1 2	(115, 117)	1	(119)	

, 3 4 (125, 127) 2 (129)

, 1 4 (115, 117, 125, 127) 1 4
(115, 117, 125, 127) (130)가 , , 1 4
4 (115, 117, 125, 127) , 가 1

, 2 2 4 , (130) 1 3 (115, 125)
(117, 127) ,

, () (coupling) 가 , ,

, (flickering) 가 , ,
가

, (impedance)가 가 가 , 가
가

가

3 , 2 1 1

3 , (200) (700) (210) (200)
(300)

0), (200) (210), (, “ ”)(24
(Tape Carrier Package; , TCP)(220), TCP(230)

(210) (Thin Film Transistor; , TFT) (212), (214)
TFT (212) (214) ()

TFT (212) TFT()가 TFT
(Indium Tin Oxide; , ITO) ()

TFT 가

TFT (212) RGB 가 (214) (214) (214)
ITO

TFT (212) TFT 가 TFT가 ,
(214) 가

TCP(220)가 , (210) 가 TCP(230)가

(210) TCP(220) 가
(240)

(300)가 (200) (300) (200) 1 2 (310, 320)
가 1 2 (310, 320) 가 ,

(330) 1 2 (200) (210) (210) (210)
(310, 320)

(330) (330) (210) (330) (330)
(330) (350)가 , (330) (340)

(200) (300) (400) , (4
(500) 가 , (500) (240) (400)

(240)

(500) (400)
() (, 'A/D) (310, 320)
A/D () 1 2 ,

(240) (210)

(200) (200) (400) (240) (500) (600)가

(300) 1 2 (310, 320) , 2 (320)
) , 2 (320) 1 (310)

4 3 2 1 2 .

1 2 가

4 (321, 322) 1 (320) 1 () 1 1 2

1 (321d, 321e), 1 (321a), 1 (321a) 1 2 (321b, 321c)

2 (322) 2 (322a), 2 (322a) 3 4 (322b, 322c)

4 (322d, 322e), 2 (322a) 3 4

() 1 2 (321d, 321e) 1 (321a) 3 4 (322d, 322e)

2 (322a) 2 (322a)

1 2 (321d, 321e) 1 (323)

1 (321a) 3 4 (322d, 322e)

2 (324) 2 (322a)

1 3 (321d, 322d) 1 2 (321a, 322a)

2 4 (321e, 322e) 1 2 (321a, 322a)

가 1 3 (321d, 322d) 가 2 4 (321e, 322e)

1 2 (323, 324)

1 4 (321d, 321e, 322d, 322e)

1 4 (321d, 321e, 322d, 322e) (325)가 ()

1 4 (321d, 321e, 322d, 322e) (288)

(325) (321d, 321e, 322d, 322e)

(325)

5 4 1 B1-B2

5 (325)

(325) (325a, 325b, 325c, 325d)

1e) 2 (322) 3 4 (322d, 322e) 1 (321) 1 2 (321d, 321e, 322d, 322e)

1 (d1) 2 (d2) 1 4 (321d, 321e, 322d, 322e)

2 (d2) 1 (d1) 1 4 (321d, 321e, 322d, 322e)

(325a, 325b, 325c, 325d) (325a, 325b, 325c, 325d)

1 4 (321d, 321e, 322d, 322e) (325) 가 (321)

d, 321e, 322d, 322e)

(325) (325a, 325b, 325c, 325d) 1
 4 (321d, 321e, 322d, 322e)

6 2

6 (326)

(325) 1 4 (325a, 325b, 325c, 325d)
 (326) (326e) 1 4 (325a, 325b, 325c, 325d)
 325d) 1 (321) 1 2 (321d, 321e) 2 (322) 3 4 (322d, 322e)

(326e) 1 4 (325a, 325b, 325c, 325d)
 (326)가 1 4 (321d, 321e, 322d, 322e)
 (326e) 6

(326) (326a, 326b, 326c, 326d)
 (326a, 326b, 326c, 326d)

(326)가 (326a, 326b, 326c, 326d)
 (326) 1 4 (321d, 321e, 322d, 322e) (326)가 (326a, 326b, 326c, 326d)

(326) (326a, 326b, 326c, 326d) 1 4
 (321d, 321e, 322d, 322e)

7 3

7 (360) 1 4 (361, 362, 363, 364)
 4 (321d, 321e, 322d, 322e) 1 4 (361a, 361b, 361c, 361d)

1 4 (361a, 361b, 361c, 361d) 1 4 (361, 362, 363, 364)
 4 (361, 362, 363, 364) 가 (361a, 361b, 361c, 361d) 1

1 4 (361, 362, 363, 364) 가 1 4 (361, 362, 363, 364)
 3, 364) 1 4 (321d, 321e, 322d, 322e)

(326) (326a, 326b, 326c, 326d) 1 4
 (321d, 321e, 322d, 322e)

8 4 3

8 (325) 1 4 (321d, 321e, 322d, 322e) 2
 (320) (500) (550) 3 4 (551, 552) (323, 324)
 (500) ()

1 2 ()

(500) (550)가 (550)
 3 4 (551, 552)가 (550)

2 (320) 2 (320) 3 4 (551, 552) 1 2 (323, 324)

, (325) 1 4 (500)
, (325) 1 4 ,
가 .

가

(57)

1.

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2.

1 ,

3.

2 ,

2

1

4.

2 ,

5.

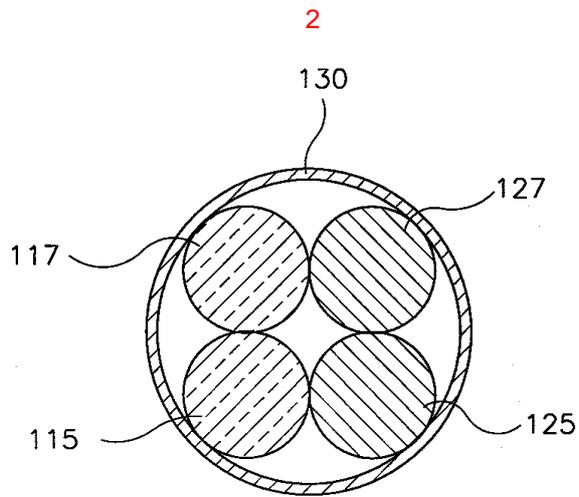
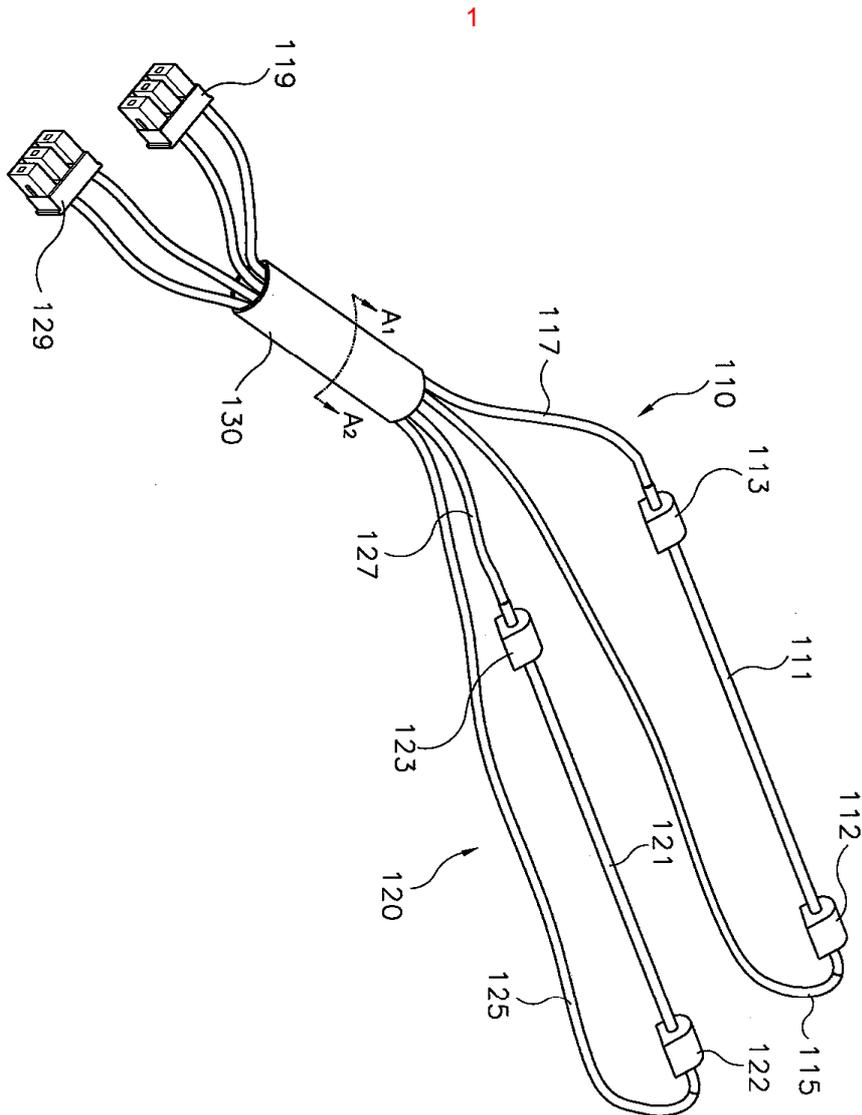
2 ,

가

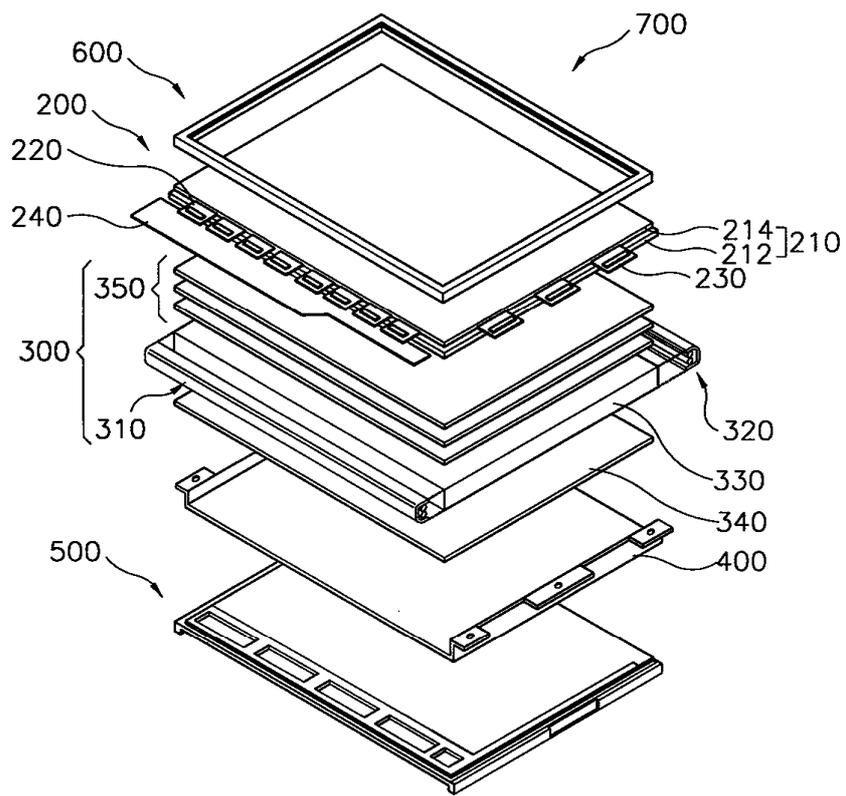
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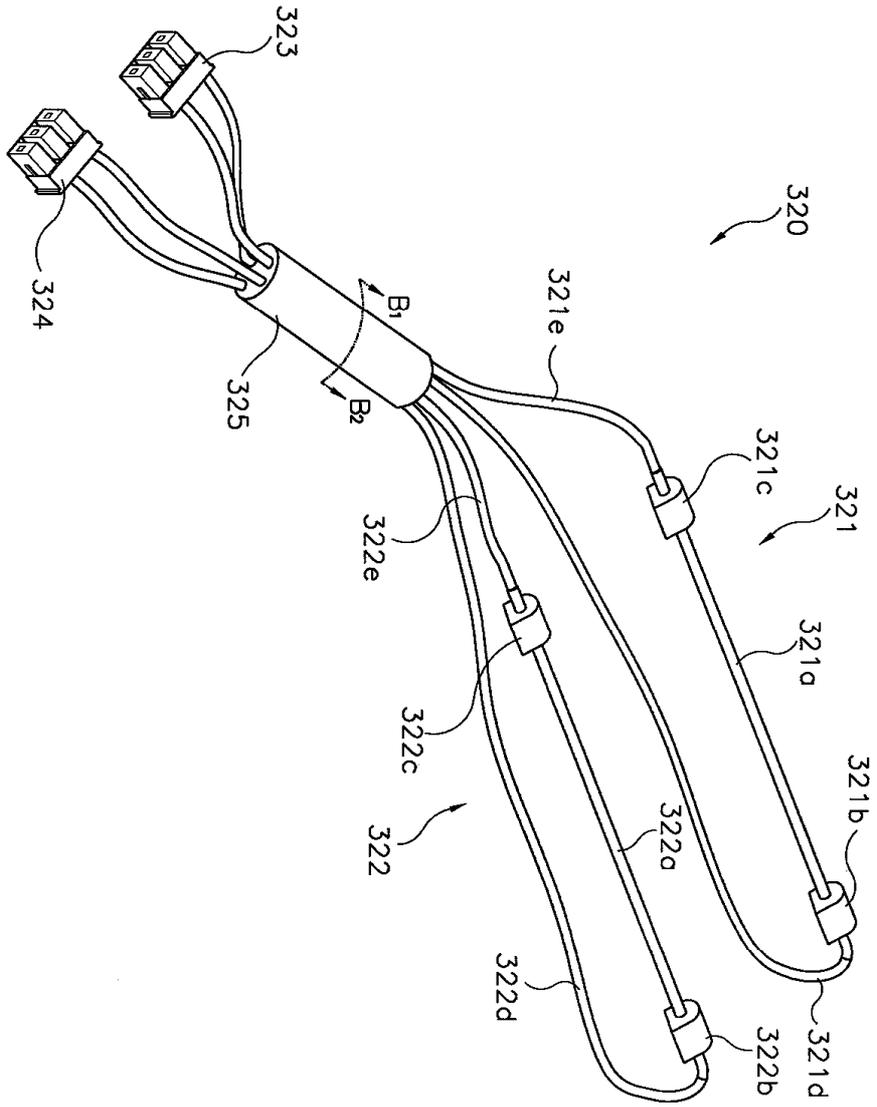
가



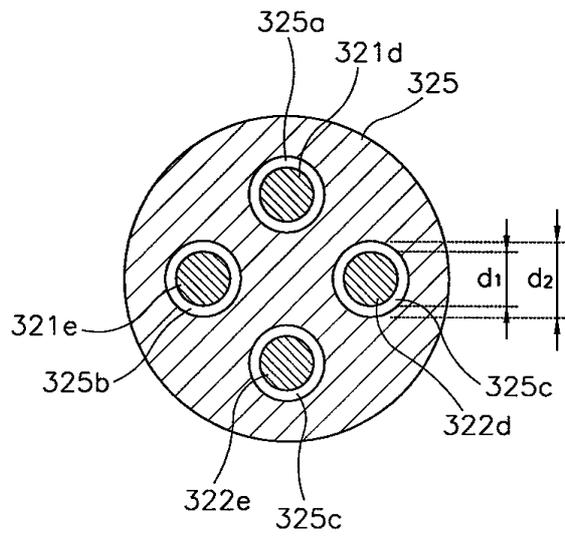
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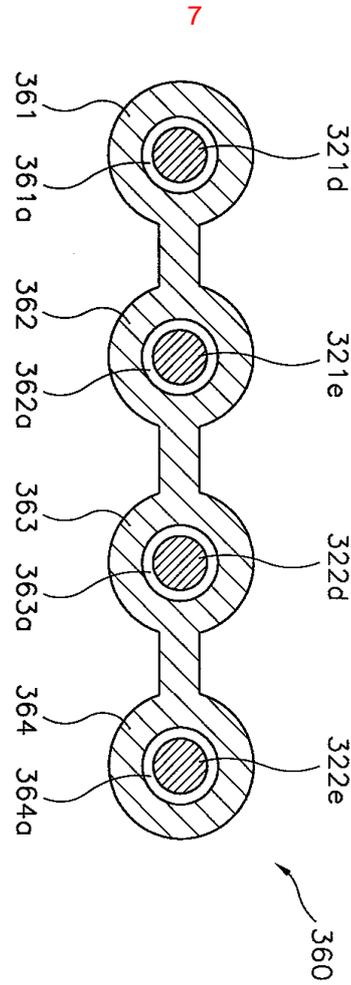
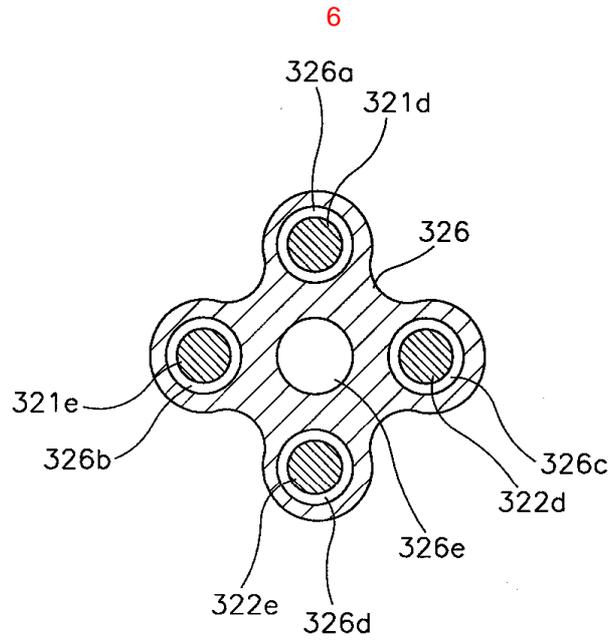


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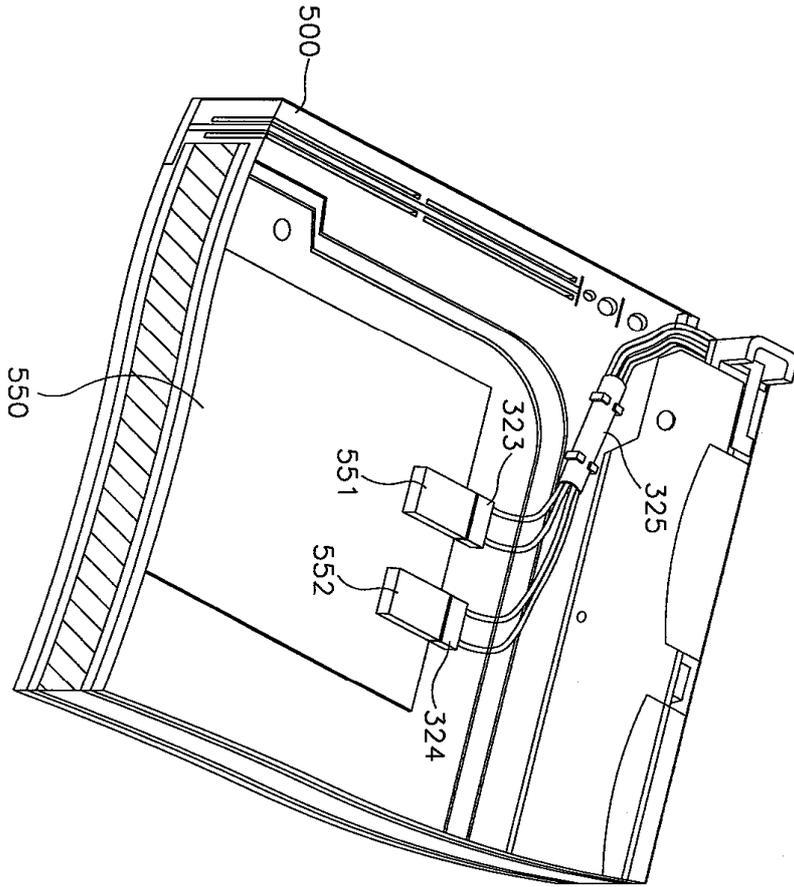


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专利名称(译)	用于液晶显示装置的光源装置		
公开(公告)号	KR1020030069511A	公开(公告)日	2003-08-27
申请号	KR1020020009319	申请日	2002-02-21
[标]申请(专利权)人(译)	三星电子株式会社		
申请(专利权)人(译)	三星电子有限公司		
当前申请(专利权)人(译)	三星电子有限公司		
[标]发明人	KO KUNGROK 고경록		
发明人	고경록		
IPC分类号	G02F1/13357		
代理人(译)	PARK , YOUNG WOO		
外部链接	Espacenet		

摘要(译)

本发明公开了一种用于液晶显示装置的光源装置，其能够使作为用于产生光的灯提供的电源的泄漏最小化。灯单元包括用于产生光的灯，用于向灯供电的电源单元，用于将灯和电源单元电连接到灯的多个灯线，并且，线固定构件用于容纳多个灯线，以通过多个插入孔彼此间隔开。因此，可以使提供给灯的功率泄漏最小化。 4

