

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

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(43) 2002 05 03

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(22)	2002 03 07		
	2002 03 07		
(86)	PCT/GB2001/03085	(87)	WO 2002/05254
(86)	2001 07 09	(87)	2002 01 17

(81)	:	,	,	,	
(30)	0016816.1	2000 07 07	(GB)		
(71)	가	가			
			2	4 - 1	

(72)	21	8
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(74)

(54)

, , ,
가 , ,
 , ,
 , ,
 , ,
 , ,
 , ,
(sink)

, 2

가 OEL

1

가

2

가

1
가

가

2

3

가

1

2
가

(sink)

가

4

가

5

(sink)

6
가

1 3

7

가

8

1

2 가

1

가

9

가

가

2

10

,

,

가

가

,

OEL

가

,

, OEL

OEL

,

1 2

OEL

2

OEL

3

1

4

2

5

가 4

6

OEL

7

OEL

8

9

10

11

12

13

RAM

14

15

16

17 4

6 OEL , 133 EL , 151 . 6 , 132 .

(121) n - (122)
가 600

가

(132) EL (131) , AI . EL (131) , EL
 ITO (133) (116) AI (115), ITO (116),
 . . . (115) . .

(132) EL (133) . . . (151)
 ITO (116) . . .

7

EL

$$I_{out} = I_{in} \times N$$

I_{in} 8 . I_{DAT} OEL , 3 4 I_{DAT} . I_{out} 3 4
. I_{DAT} 가

가 T_5 T_6 가 가 가 . 9(A, B
)
,

3 9 (TFT)
가 .

, , , CD ,

EL

< 1: >

10 (1106) (1104) (1106) (1100) (1102)

< 2: >

, (1200) (100) (1202), (1204), (1206), (100)

< 3: >

, OEL 12

(1300) (CCD) (1302) OEL (100) (100) CCD CCD
(1304) (1302) ()

OEL (100) (1300) , CCD 1
(1308) (1314) 가 (1302) (1312) (1314) (1312) (1)
430) (1440) (1312) (1430) (1440)

10 OEL , 11 / , TV , POS(point - of - sales)
, OEL 가

, 가 RAM, , DNA , (night vis
ion)

13 RAM 13 MH

14 MR 14 MH

15 C_{sense} . 15 DNA

16 . 16 R

, 17 4 , p - , . 17 , p - , n -

3 16
가

(57)

1.

2.

3.

1 , 2 , (sink) 1
가

4.

2 3

1 2

5.

1 4 ,

3

6.

5 ,

3 1 /

7.

5 ,

3 1

8.

2 7 ,

가 , 가 , 가 , 가

9.

8 ,

가 , 가 , , 가 , 가

10.

1 9 ,

11.

,

12.

,

.

13.

1 10

14.

13

15.

5 ,

3 1

16.

1 10 ,

p -

17.

5 ,

1, 2 3 n -

18.

, 1
2

19.

, 1
가 2

20.

18 19 ,

21.

20 ,

2

22.

20 ,

2 1

23.

20 ,

2

24.

20 ,

25.

24 ,

2

26.

25 , 1

3

27.

25 ,

1 2

28.

18 19 ,

29.

20 ,

p -

30.

26 , 1, 2 3 n -

31.

20 , 1 2

32.

, 2 1
2

33.

32

34.

18 19 ,
2

35.

21 ,
2

36.

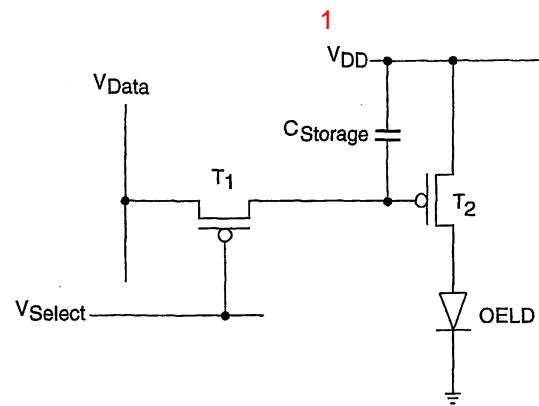
37.

36 ,

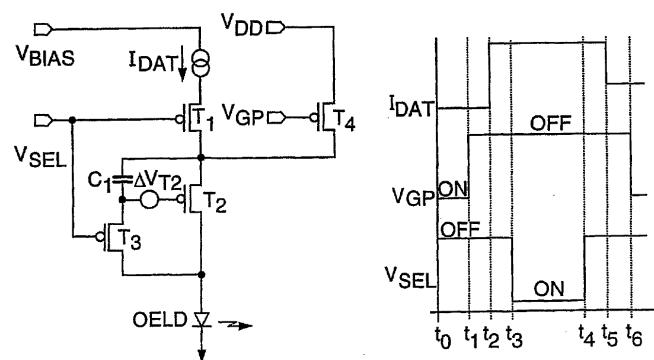
38.

36 ,

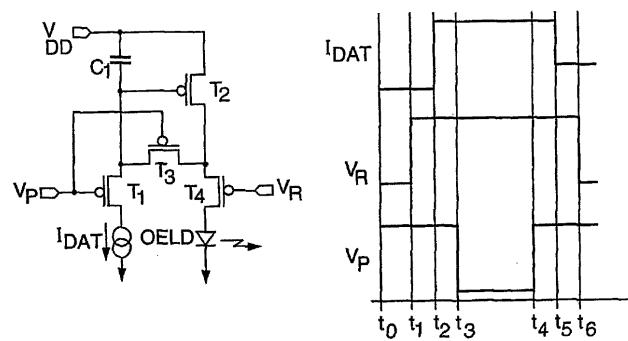
가



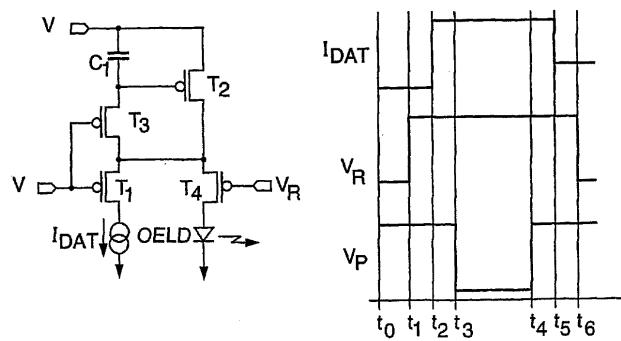
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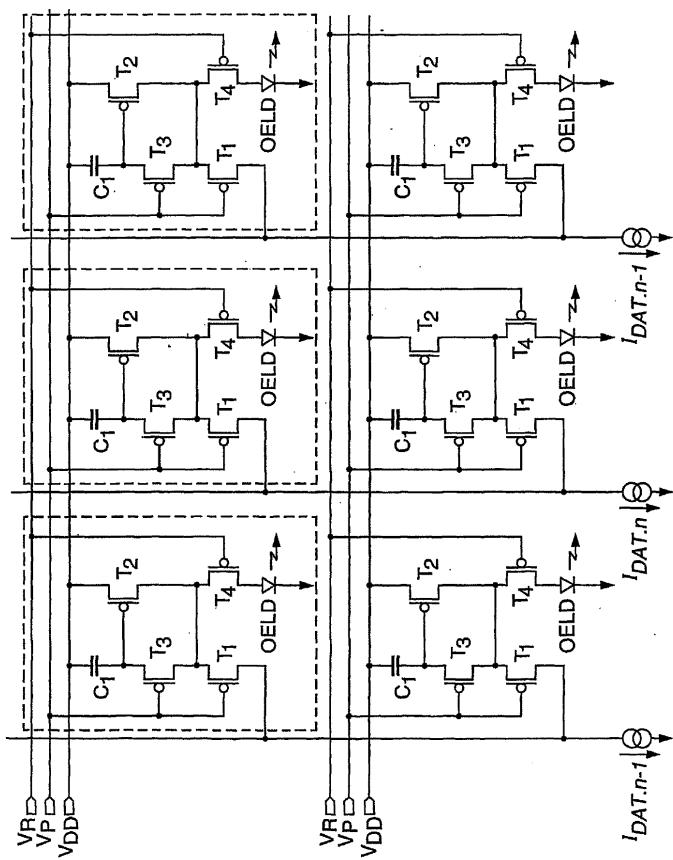
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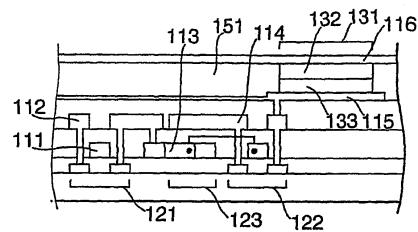
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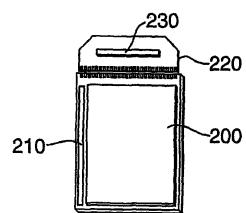
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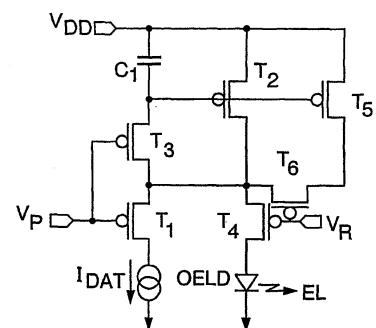
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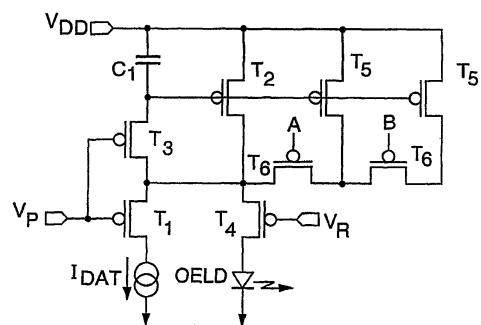
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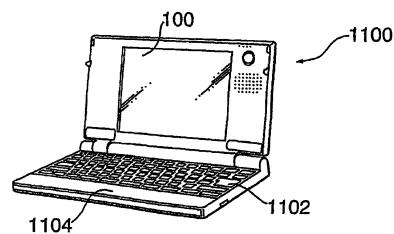
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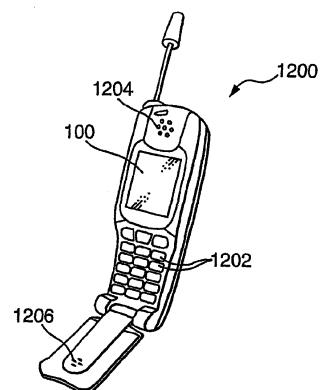
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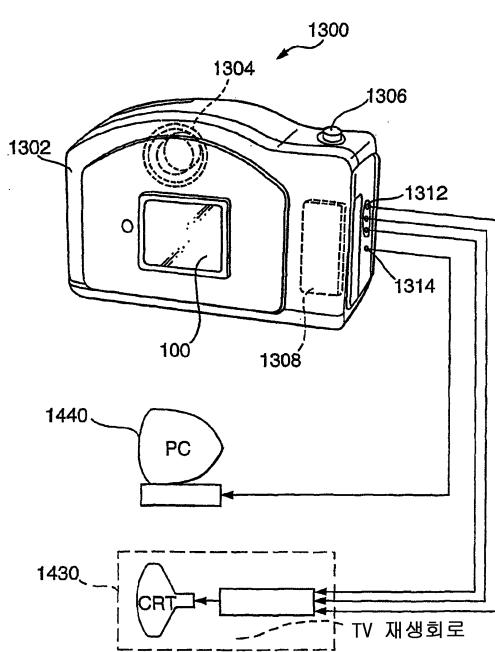
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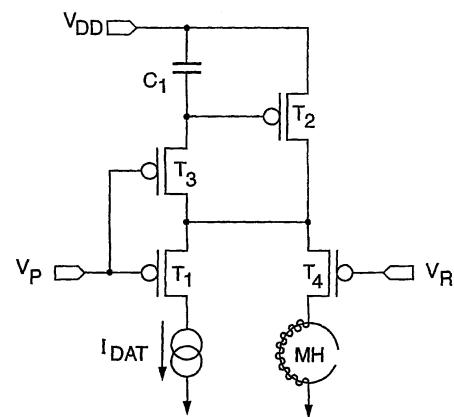
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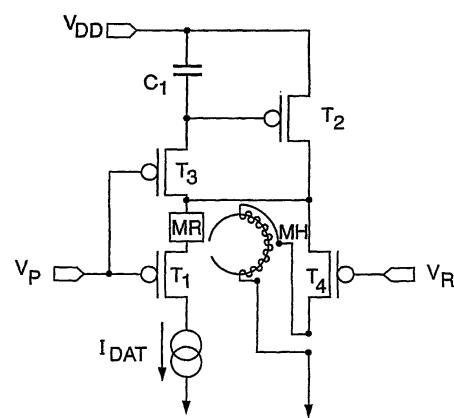
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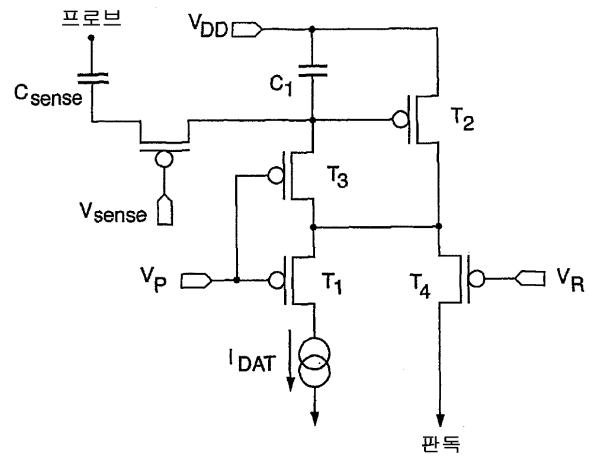
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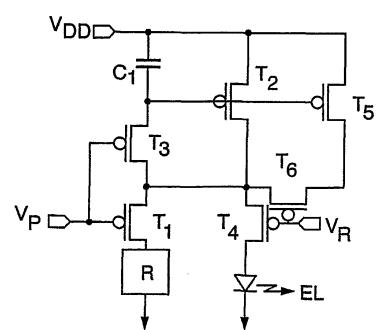
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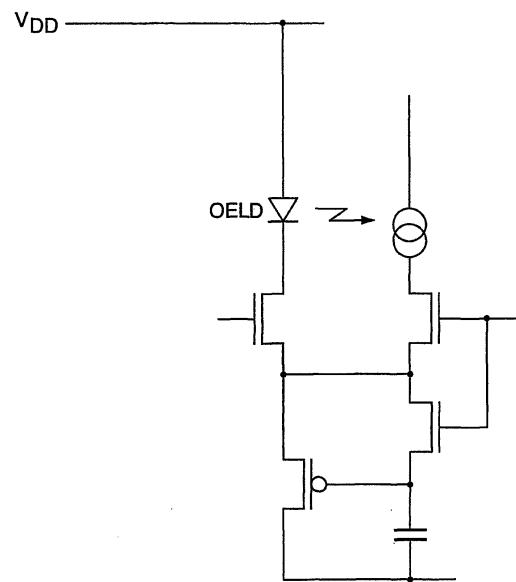
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17



专利名称(译)	用于有机电致发光显示装置的电流采样电路		
公开(公告)号	KR1020020032570A	公开(公告)日	2002-05-03
申请号	KR1020027003032	申请日	2001-07-09
[标]申请(专利权)人(译)	精工爱普生株式会社		
申请(专利权)人(译)	精工爱普生株式会社		
当前申请(专利权)人(译)	精工爱普生株式会社		
[标]发明人	TAM SIMON		
发明人	TAM,SIMON		
IPC分类号	G09G3/32 G11C27/02 G09G3/30		
CPC分类号	G09G3/325 G09G2300/0842 G09G2300/0861 G09G2320/0252 G11C27/024		
代理人(译)	MOON , KI桑		
优先权	2000016816 2000-07-07 GB		
外部链接	Espacenet		

摘要(译)

提供的电流路径之一是器件电流路径，电流跟随器件，晶体管和电容器是通过该电路的各个驱动电路，它是对包括编程的步骤进行操作的驱动电路level和循环步骤。连接晶体管以便可操作地控制提供给器件的电流。电容器连接在一起，它存储编程级中晶体管的工作电压和控制电流路径的开关装置。在编程级中的电流控制晶体管的电流跟随器件中，不提供电流。整个消费能力降低。而且，该电路可以在不是高偏压的正常供电电压下工作。编程级中的电路可以由不是电流源的电流阱形成。电流跟随器装置可能是理想的电致发光器件。驱动电路，电流采样电路，有机电致发光显示器，OEL，编程级，循环步骤，电致发光。

