

(19)
(12)

(KR)
(A)

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(43)

10-2004-0079535
2004 09 16

(21) 10-2003-0014435
(22) 2003 03 07

(71) 20

(72) 4 264-123

(74)
:

(54)

, 2 가 , 1 ; 2 (inserting)
가 . 가 ,
가가 . ,

3

, , , ,

1

2

3

* *
 100..... 110.....
 112..... 114a, 114b....
 116..... 117.....
 118..... 119.....
 120..... 120a.....
 130.....
 140.....FPCB(Flexible Printed Circuit Board)

가 (Liquid crystal) , 가 (Liquid Crystal Display Panel)
 가 , 가 가 가
 1 (10) , (10) (20) (1)
 (12) (10) 가 (12) (14b) (12) (16)
 (12) (14a,14b) 가 (12) (14b) (16)
 6) , (14a) (18a) , (14b) (1)
 (18b) (18b) (16) (17)
 (30) (10) 가
 , (18b) (10) (19) , 가 (17) (30)
 (10) 가
 (20)가 (18a) (10)
 , 가

LED (117) (119) 가 , (119)

le Printed Circuit Board)(140)가 (100) (110) 가 FPCB(Flexib (110)

(120a) , (110) (120)

(114a) (100)가 (120)가 ,

(110)

120) (120a) , (112) , (

(102) () , (120a)

가

가

(102) (120a) (120)

(inserting)

3 (120a) (100) , (120a) (120) 가

(118) (120) (102a) , (114a,114b) (102a) 0.5 mm,

0.1mm, (117) 0.8mm 0.2mm

(102a) (120a) (120) (110) (110) 가 가

0.2mm

(120a) (110) (110) 가 (120) (110) (100)

(120a) 가 가

가

가 가

가 가

PDA 가

(57)

1.

2.
1 , 2

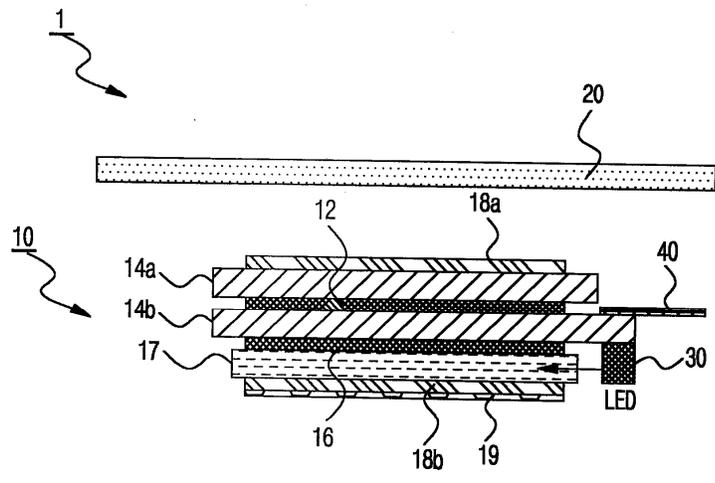
3.
1 2 , 2

4.
3 ,

5.
1 , 2 (inserting)

6.
5 , 2

1



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