

(19)  
(12)

(KR)  
(A)

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(43)

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2004 01 31

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(71) 가 가 2 5 5

(72) 1495-6

8-41-7

(74)

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(54) E L

(36) 2 ( ) (32a) 가 2 (30) ( ) (32b) , 2 ( ) (32b) 가 , 2 ( ) (32b) 2 ( ) (32a) ,

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2 2 ( ) , 2 ( )

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32a : 2 ( )

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(50) (30) 2 (32) 가 2 2 ( ) (32a) 2 ( ) (32a) 2 ( ) (32b) 2 ( ) (32b) EL (30) (36), (38) 2 ( ) (32b) 2 ( ) (32b) 2 ( ) (32b) 2 (32a) ( ) (32b) 2 ( ) (32b) 2 (32a) 가 2 ( ) (32b) 7 (a) (b) ( ) (32b) 7 (a) 7 (b) 2 ( ) (32b) 4 2 (32a) 1 (28) 가 2 ( ) (32b) TFT EL (30) 2 TFT 1 TFT, (24) , ITO (30) 2 (32) 2 ( ) (32b) 2 ( ) (32b) 6 (a) 2 ( ) (32b) 2 (50-1) 1 6 (b) 2 (50-2) 2 (32) 2 ( ) (32b) 2 ( ) (32a) 2 ( ) (32a) 2 가 2 ( ) (32a) 2 가 가 가 2 1 4 (a), (b) (52) 2 ( ) (32a) 2 (32) (54) (54) 2 2 (a), (b) (30) 2 ( ) (32a) 2 ( ) (32a) 2 ( ) (32b) (34) 3 (36) 2 ( ) (32b) (52) ( ) 50)가 (52)가 (30) (30) (52) (36)

0) , (38) 가 가 , 가 , (4  
 (36) (38) , (38) (36) (38)  
 , (30) ,  $60\mu\text{m}^2$  , 2 (32) 10 20 $\mu\text{m}$  ,  $\mu\text{m}$  (30)  
 , 2 (32) , EL  
 (34)  
 , 가 ( ) 2 ( ) (32b) (34)  
 , 가 가 , (34) 가 ,  
 , 2 ( ) (32a) 가 2 (32) , 2 ( ) (32b)  
 , 2 ( ) (32b) , 가 ,  
 , 가 가 , (30)  
 , 가 (30) EL  
 (36) : 35nm, (38) : 35nm, (40) : 300 400nm , (34) : 150 200nm, 가 100  
 nm 가 ,  
 , 2 (32) , (30)  
 2 , (36)  
 , 2 ( ) (32b) , 가 가 가 ,  
 , 2 (32) , 가 2 ( ) (32b) 가 ,  
 , ,  
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EL , (30)  
 , 5 (a) , (60a)  
 (60b) (60) 가 2 (60b) ( )  
 , (60) ( ) (32b) , 5 (b) ,  
 가 (60b) ( ) , 가 ,  
 , 가 ,  
 , 2 ( ) (32b) , (60) , 가  
 가 , (60)  
 (60a) ,

(57)

1. 1 EL , EL , , 가 EL .

2. 1 , EL .

3. 1 2 , EL .

4. 1 , EL , , 가 EL .

5. 1 , EL .

6. 1 , EL .

7. 1 EL EL , , 가 , EL .

8. 7 , 1 EL , 2 , 2 EL .

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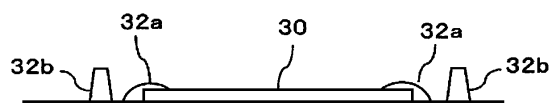
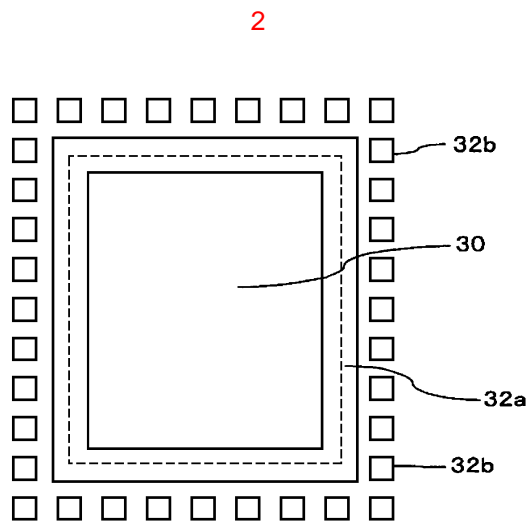
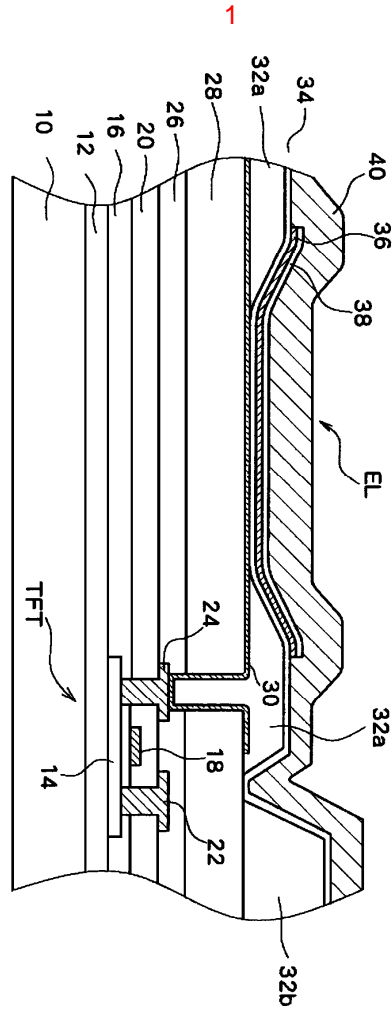
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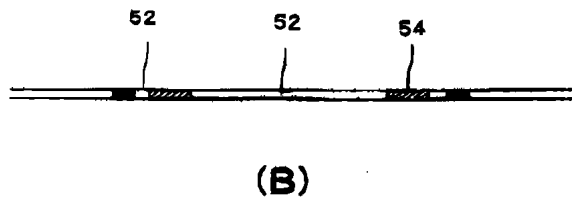
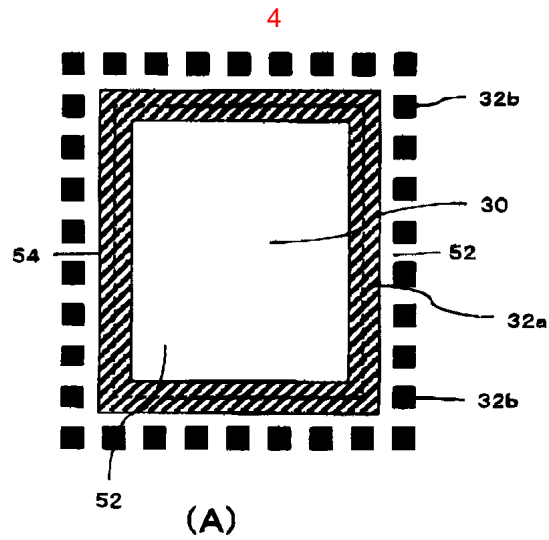
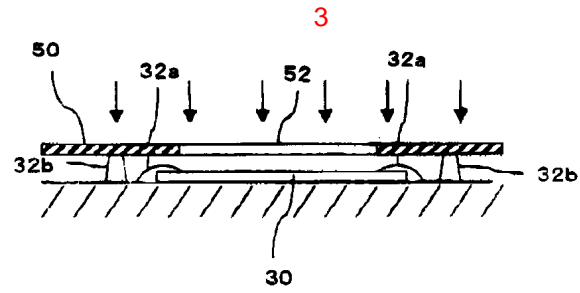
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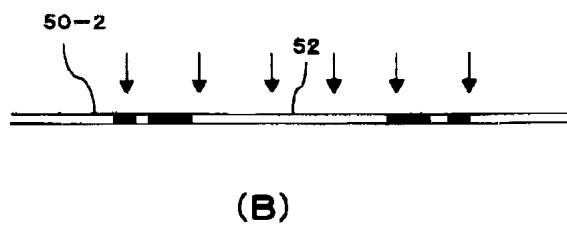
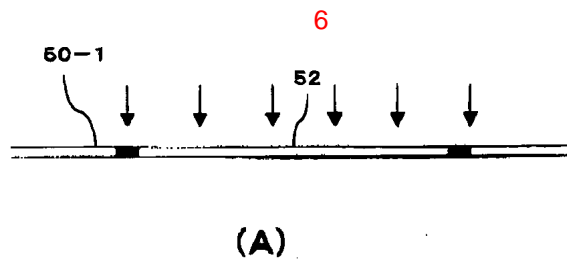
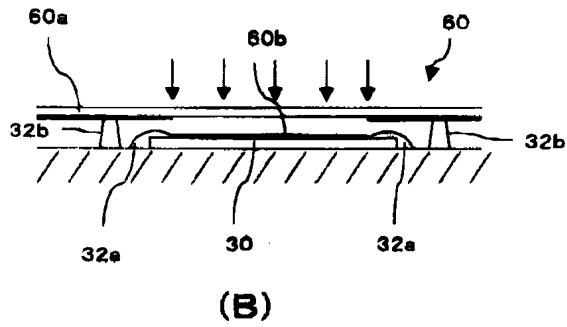
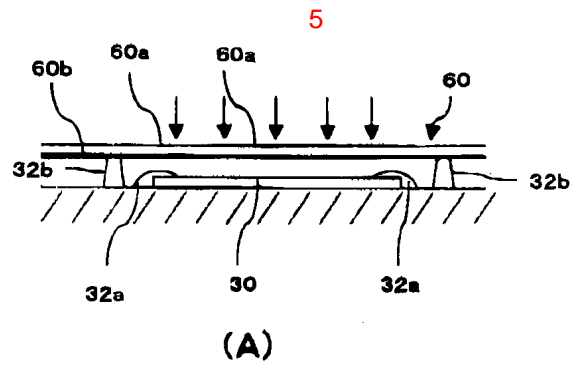
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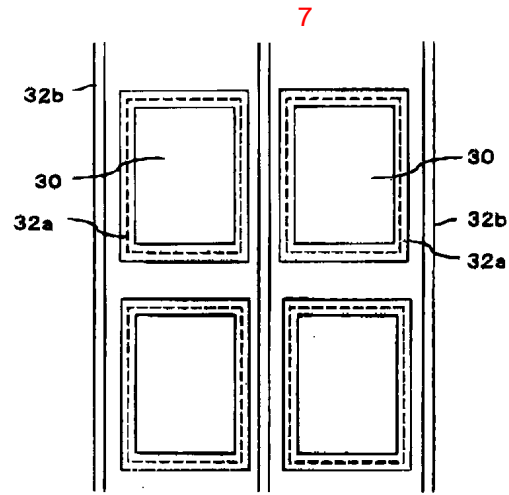
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EL

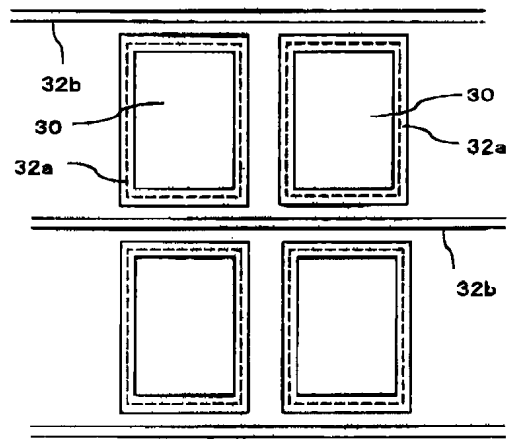








(A)



(B)

