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(43)

10-2001-0084963  
2001 09 07

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108-4.

(72) 108 703

(74)

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(54)

, 가 , , , ,

. 2 , , 1 , ;

1 가

3

, , , , ,

1  
 2  
 3  
 4  
 5  
 6  
 7  
 < >  
 100. 101.  
 102. 103.  
 104. 105.  
 106. 1 107.  
 108. 2 ( )  
 109.

(Hologram)

, 가 ,

가

( )

가

가

1 2

1

(2) ,

(2)

PET

(1)/

(2)/

(3)

PET

(1)

PET

(1) ,

(4)

(3) ,

),

(14),

(15)

, 2

, PET

(11),

(12),

(13)

(12)

(13)

PET

(11)

PET

(11)

가

(15)

PET

(11)

가

3

가

가

가 가

가

2

1

1

가

PET, PVC, OPP, BOPP

19µm

50 µm

, Wax,

0.01µm

0.1µm

µm

µm

3

3

(103),

(104),

(105),

1

(106),

(107),

2

(101), (108)

(102),

(101)

(102)

(102,103,104)

가

(101)

PET

, PVC

, OPP

, BOPP

19µm

50 µm

(101)

(103)

(102)

(101)

(102)

, Wax,

(Cellulose Accetate)

0.

01µm

0.1µm

(103)

(103)

(Epoxy),

(Epoxy Mellamine),

(Acryl),

(Urethane)

(104)

(103)

( )

(103)

(104)

(105)

(101)

(104)

(107)

12

µm- 50µm

(105)

(107)

(104)

(105)

(101)

(105)

가 1 (106) (102), (103), (104)  
 (107),  
 , 1 (106) (102,103,104)  
 (102,103,104)가 1 (106)  
 (107) (102), (103), (104) 가  
 (100) (109) (107) PET, PVC, OPP  
 2 (108) (100)  
 4  
 4 (100) (109) , 가 , ,  
 (105) (101) (104)  
 , (102), (103), (104)  
 , 5 6 가 , 5  
 , 6  
 , 가 ,  
 (scratching)  
 , PET, PVC, OPP (101) , Wax, (Cellulose Acetat  
 e) (Epoxy), 0.01 $\mu$ m (Epoxy Mellamine), (Acryl), (102) (Urethane) (102)  
 $\mu$ m  $\mu$ m (103) (103)  
 (104) (101)/ (102)/ (104) (103)/ (104)  
 , PET, PVC, OPP (107)  
 , (104) 가 (107) (105)  
 , 6  
 6 (103), (102), (107), (108) (104),  
 (102) (107) 3 (103) , (10  
 2,103,104) (103)  
 , 가 3  
 가  
 , , 가 , 가  
 , 3

(57)

1.

2 , , 1 ,  
, ;  
1 가

2.

3.

1  
19 μm ,  
50 μm

PET, PVC, OPP, BOPP

4.

1  
μm

, Wax,

0.01 μm 0.1

5.

1  
μm μm

6.

1

7.

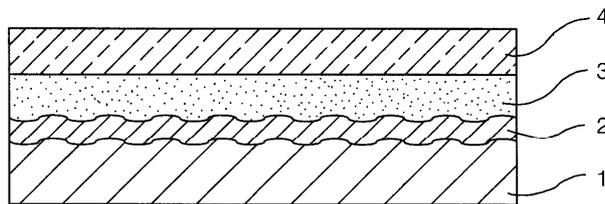
8.

9.

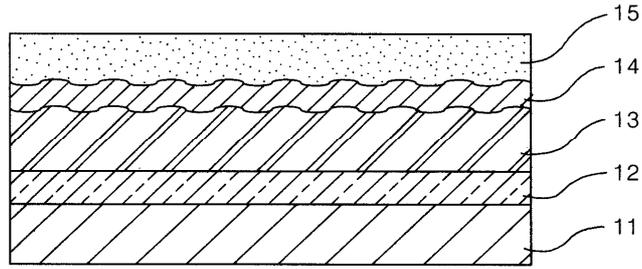
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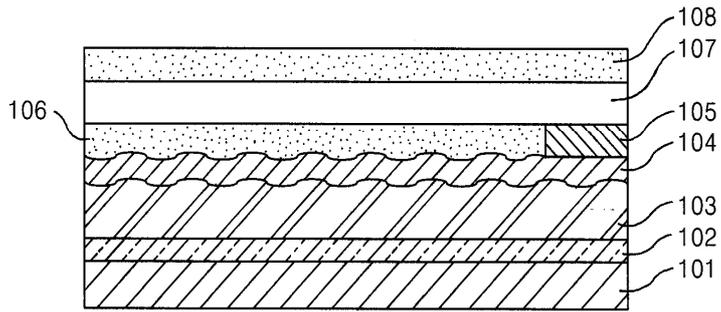
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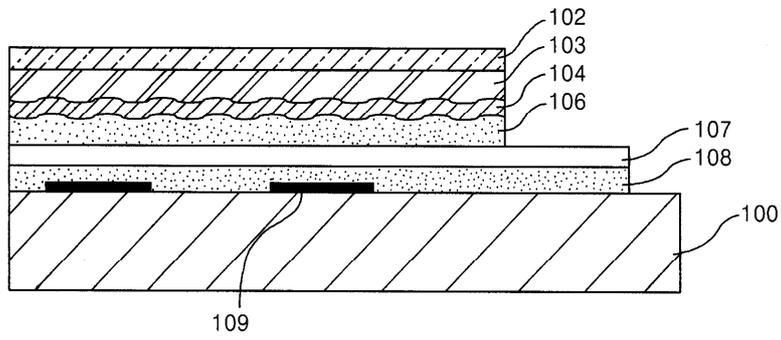
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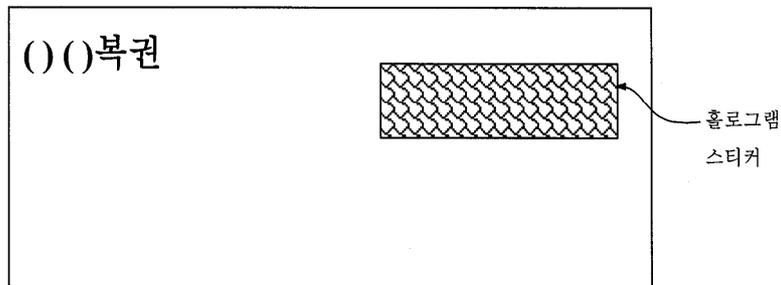
3



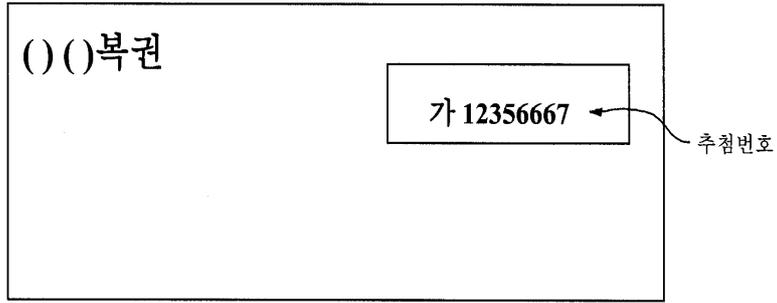
4



5



6



7

