





1

가

(background)

, EP 0 978 817 A1

1 7

1

가

가,

(black holes)'

가,

가

가

가

(taking over)

(drag)

(edge d

oubling)

(mirror transformed)

가

(appearing area detector)

가

7

가

가

1 PDP

2 PDP - 2 .  
 3 PDP - 3 .  
 4 가 .  
 5 .  
 6 3 가 (dark edge)  
 7 - (displacement) .  
 8 -  
 9 8 -  
 10 .  
 11 .  
 12 1 .  
 13 2 .

CRT LCD , PDP , . PDP  
 ( ) , ( )  
 (faulty impression)  
 가  
 , 8- (256) RGB- 8 :  
 $2^0=1, 2^1=2, 2^2=4, 2^3=8, 2^4=16, 2^5=32, 2^6=64, 2^7=128$ . PDP 가  
 , 8 ( - ) '2'  
 '1' , 8 - , 1  
 256 가 .8 - 가 1  
 , - 가 , , ,  
 { (precharge) . 가  
 , 가 UV-  
 , (excited) (ignition) . UV-  
 가 .  
 / , . ,

, 256 8 - MSB  
 .10 - 1 가 2 .12  
 - 7 ( 2 가 3 ) , 16 32  
 , 8 , 4  
 , 2 255 , 2 3 , 1 - , -  
 PDP (degradation) (f  
 also contour effect) PDP (homogeneous area)  
 가 4  
 가 가 ( , 32 223 ) 가 ,  
 가 , 가 , 가 가  
 가 128 127 , 가 가  
 5 가 N (weight)가 N+1 , N , 12 -  
 , 128 , 127 . 5 5  
 , , PDP , , RGB  
 가  
 5 , 3 - 가 128 127 . 5 (faulty) 가  
 , , 5 (eye stimuli integration curve)  
 6 (stripe)  
 , 가 가 6 , 128 127  
 , 96 , 6 5  
 (artificial) (apparition)  
 (EP - A - 0 980 059 )





13 (6) (3) (6) (F<sub>N</sub>) (7) 12  
 (6) (F<sub>N-1</sub>) (7) (F<sub>N-1</sub>) (3) {  $\vec{V}_{N-1}$  } (AP<sub>N-1</sub>) (7) (4)  
 (4) (RGB) 가 가  
 가 가

(57)

1. (false contour effect)

가

가

(appearing area)

가

2.

1

(shift coordinate)

3.

2

4.

1

(drag coordinate)

5.

4



1 6.

5

가

(mirror transformed)

7.

가

가

(3)

가

(4)

(7)

가

가  
가

8.

7

(7)

(3)

9.

7

(7)

10.

7

9

, LCOS

DVD

가

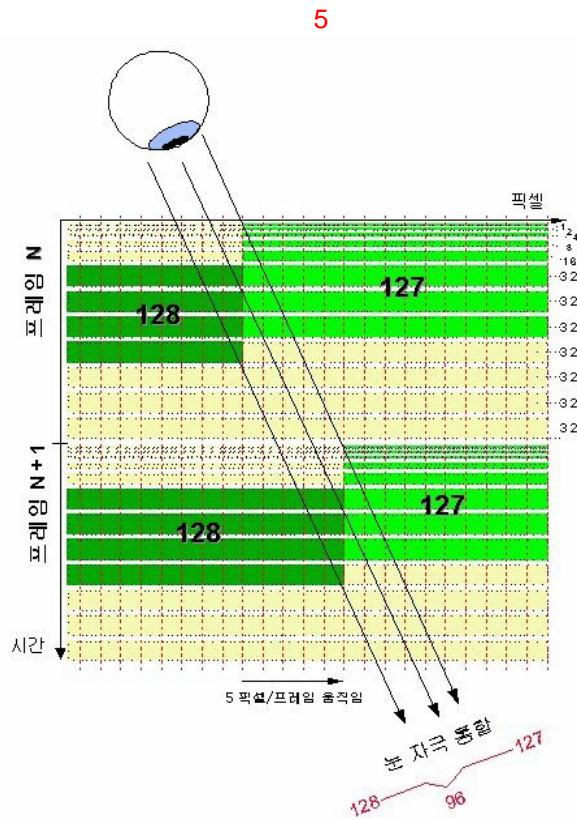
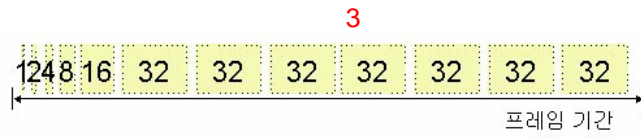
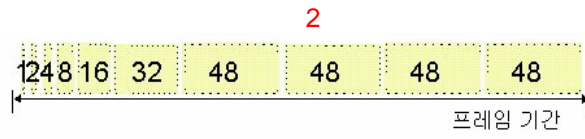
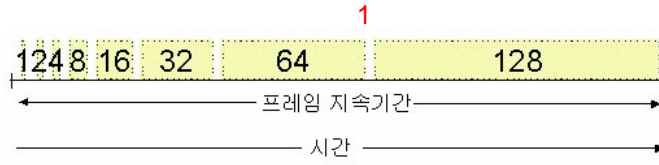
(false contour compensation)  
(artifact)

(appearing area)

(hole filling)

(drag)

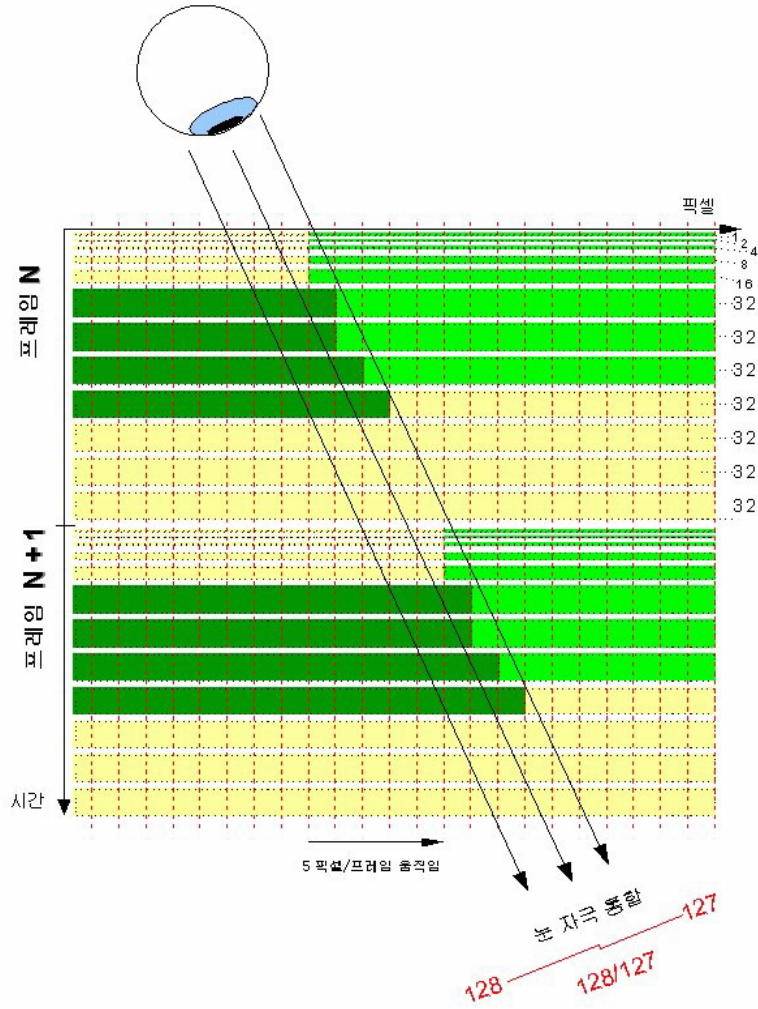
10



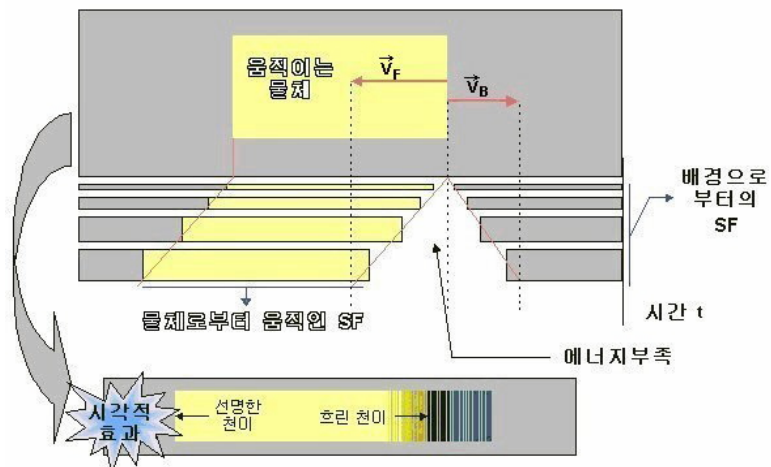
6

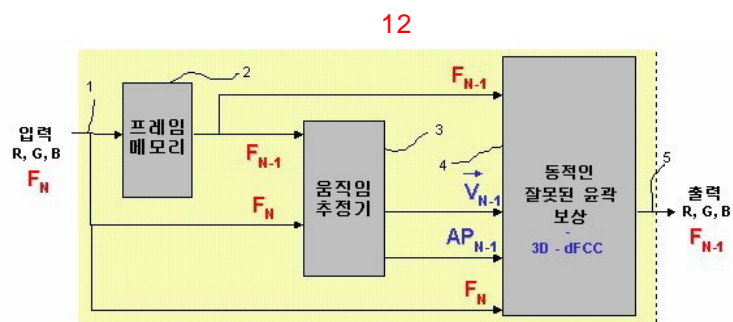
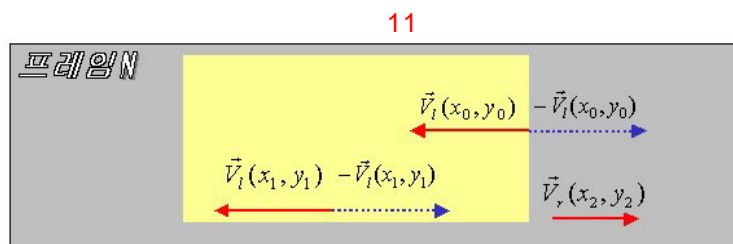
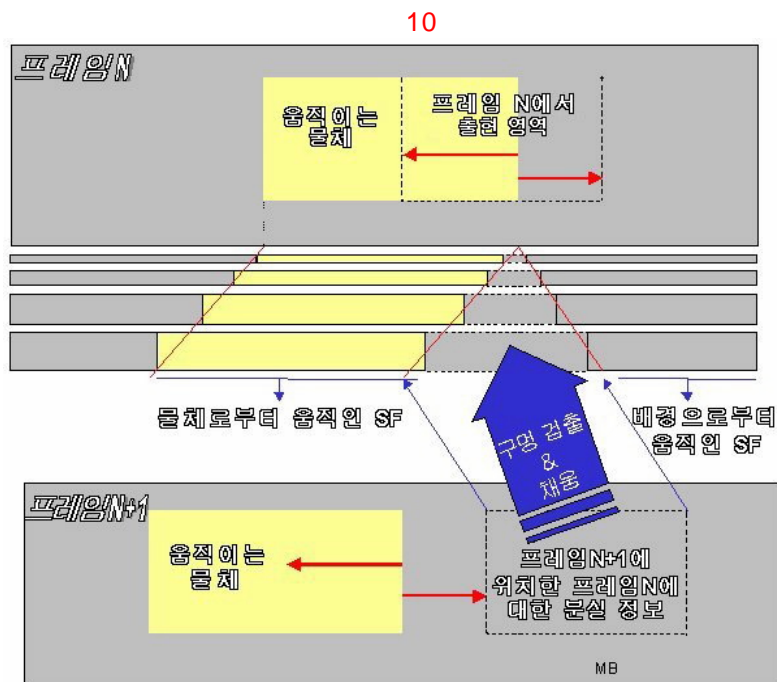
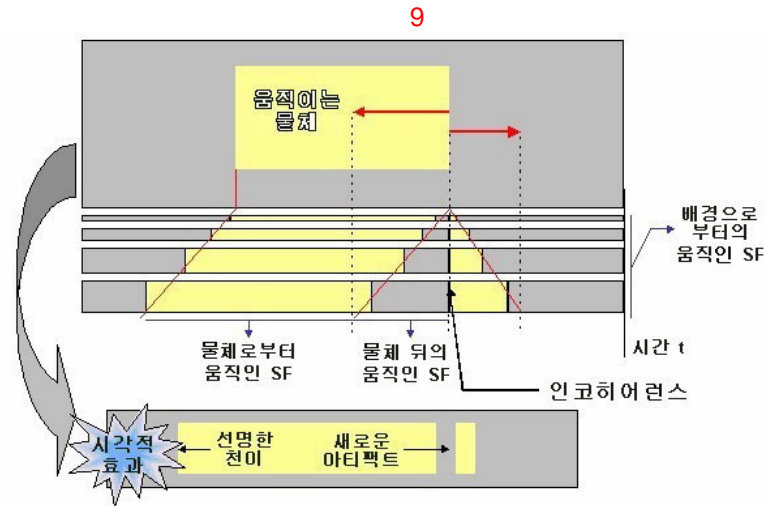


7



8





13

