

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) .
 가 .
 / , .

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

13 (6) (3) (6) (F_N) (7) 12
 (6) (F_{N-1}) (7) (F_{N-1}) (3) { \vec{V}_{N-1} } (AP_{N-1}) (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

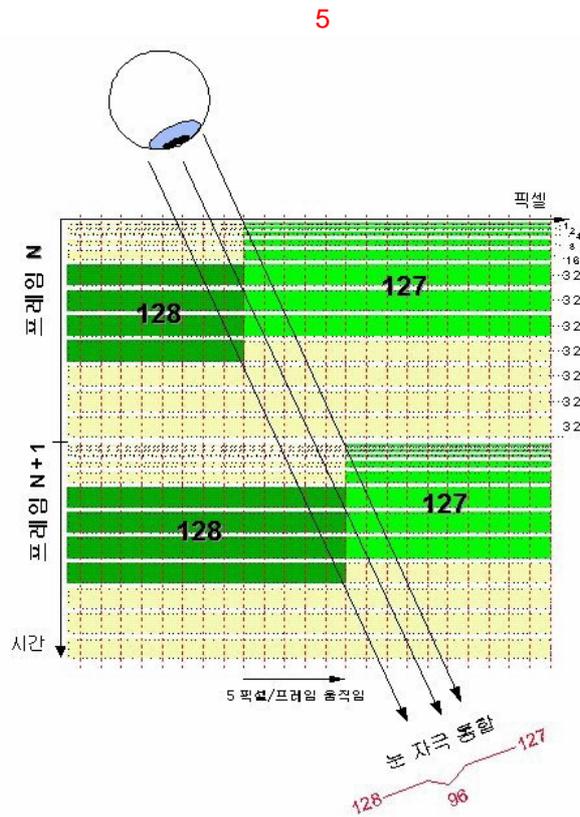
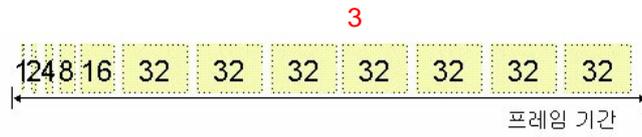
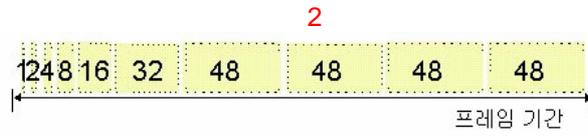
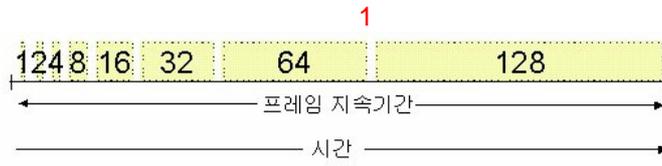
(false contour compensation)
(artifact)

(appearing area)

(hole filling)

(drag)

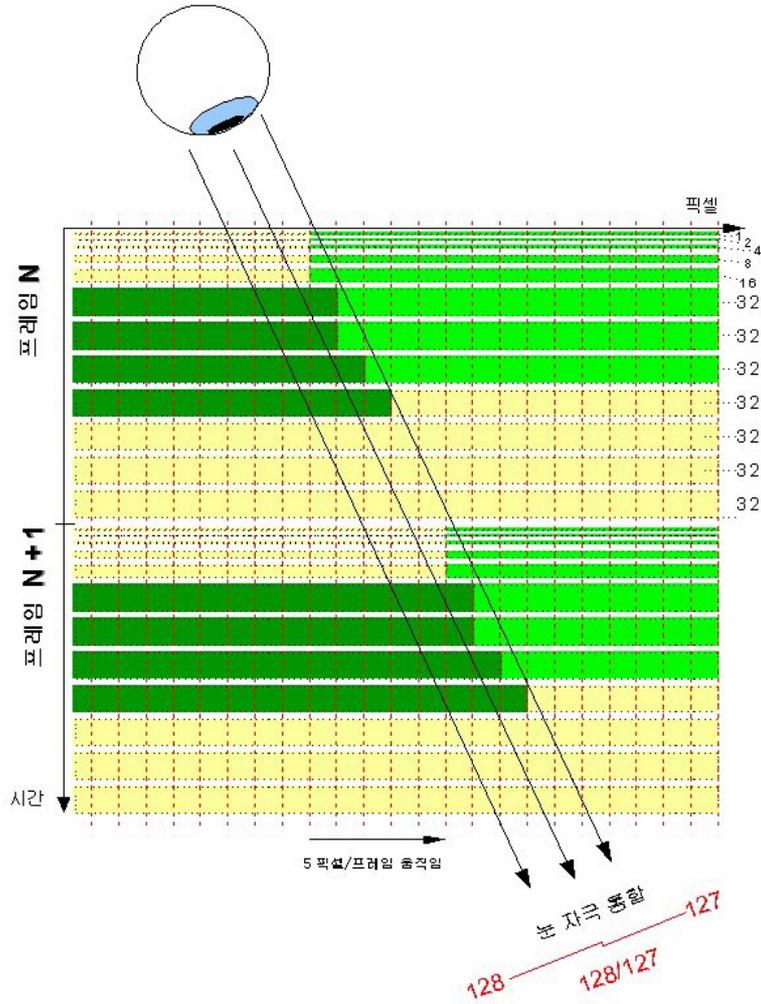
10



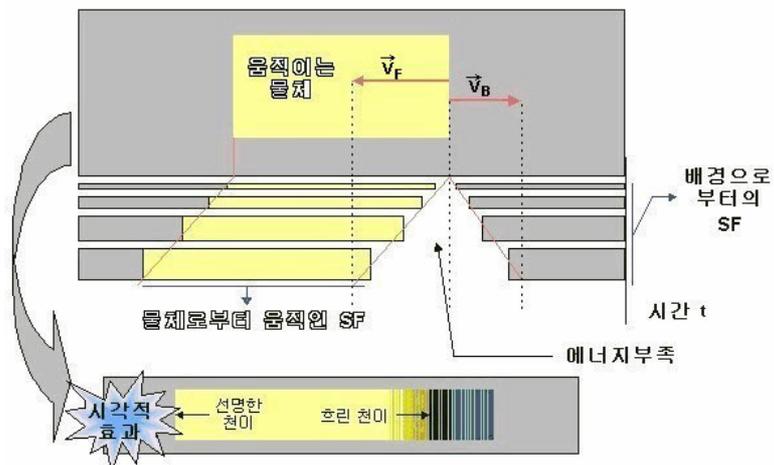
6

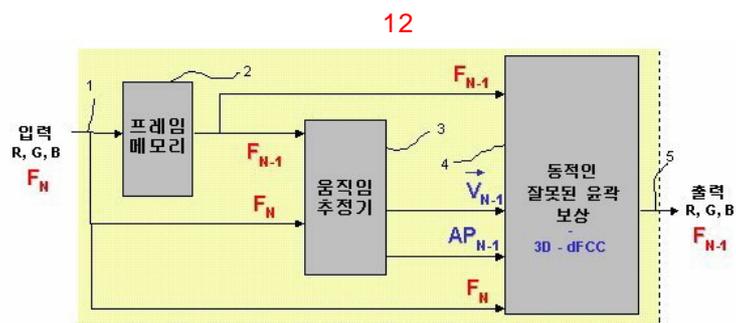
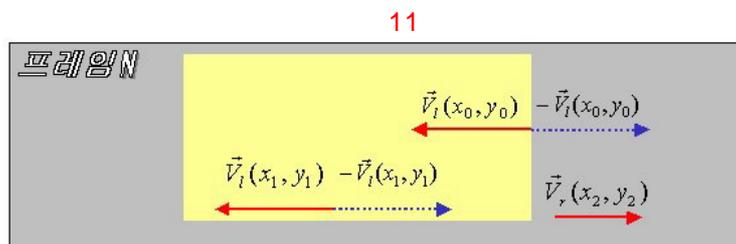
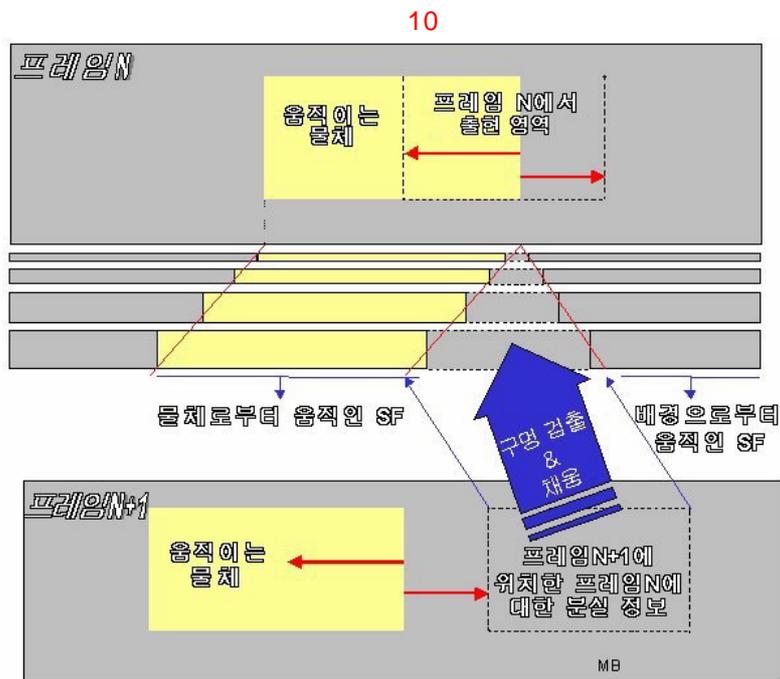
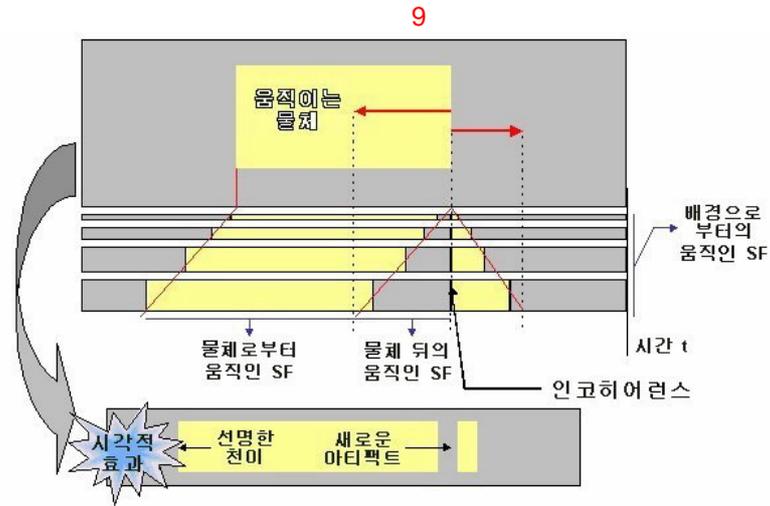


7



8





13

