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10-2004-0075484
2004 08 30

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575

(72)

4 1 104 804

307 201

(74)

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(54)

1 ;

2 ;

3 가

3

1

2
 3
 4
 5
 6

100 : 200 :
 300 : 400 :
 310 : 320 :
 330 : 340 :
 331 : 332 :
 333 :

가 (Auto power control)

1
 1 boundary) 500W (lower boundary) (SOA) (load ratio, L/R) 15% , (upper boundary) 20~30% 가

(,) 가

가

4 (330) (331), (332) (333) .
4 (331) (R) (CdS) (R)
(CdS) (331) (CdS) ,

(332) (331) (332) APC LUT (34
0) (333) (320)
(400) ,

5 APC LUT
5 , APC LUT APC ,
APC 가 8
(UPPER) 00(16) (LOWER) 07(16) 00(0)
04B4(16 , 04D1(16 , 1233) , 07(7)
1204 1233 1204

가
6 1 APC LUT
6 , 5 APC LUT
(LOWER)
APC 가 8 (UPPER) 00(16) (LOW
ER) 07(16) , 1 00
04D1(16 , 1233)
, 2 (LOWER)

UT APC LUT (340) APC LUT APC L
LUT (340) APC LUT APC

0) (R, G, B) (R, G, B) 가 (31
G, B) (R, G, B) (320) (R,
(330) (332) (331) (330)
APC (333) (320)
(340) APC LUT APC LUT APC LUT
APC LUT (400)
()
(400)
가 (310)
(200) 가 (100) 가
() 가
가 가

가

(57)

1.

, , ; 가 ;

2.

1 , , ; ;

3.

2 , , 가 ,

4.

2 , , .

5.

2 , , 가

6.

2 , ,

7.

; , , / ; 가 ; 가

8.

7 , , ;

가 ;

9.

2 ;

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10.

9
1 ;

11.

9
1 ;

12.

9
2 ;

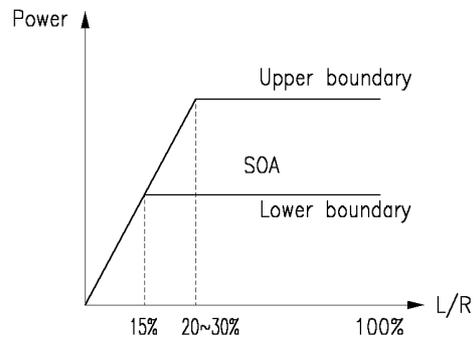
가

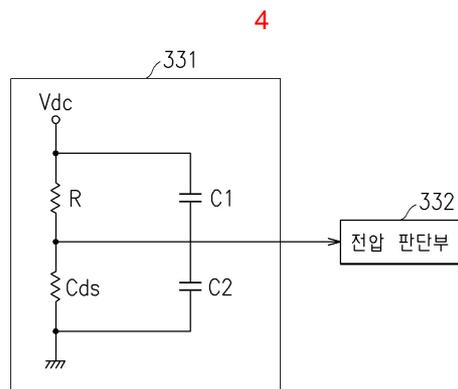
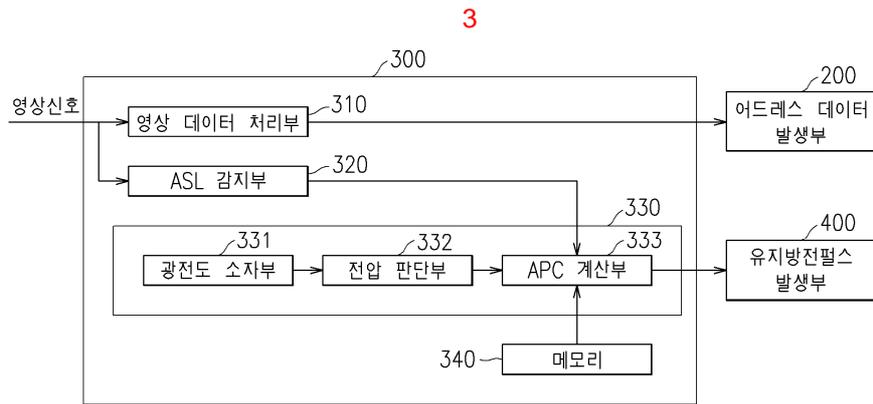
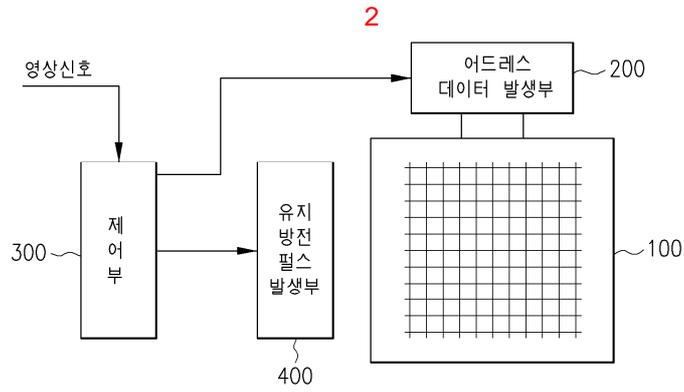
13.

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| APC단계 | UPPER | LOWER | 펄스 발생 단계 | 펄스 개수 |
|-------|-------|-------|----------|-------|
| 1 | 00 | 00 | 0 | 04D1 |
| 2 | 00 | 00 | 1 | 04CD |
| 3 | 00 | 00 | 2 | 04C9 |
| 4 | 00 | 00 | 3 | 04C5 |
| 5 | 00 | 00 | 4 | 04C0 |
| 6 | 00 | 00 | 5 | 04BC |
| 7 | 00 | 01 | 6 | 04B8 |
| 8 | 00 | 07 | 7 | 04B4 |
| 9 | 00 | 0D | 8 | 04B0 |
| 10 | 00 | 13 | 9 | 04AC |
| 11 | 00 | 19 | 10 | 04A8 |
| 12 | 00 | 1F | 11 | 04A4 |
| 13 | 00 | 24 | | |
| 14 | 00 | 29 | | |
| ⋮ | | | | |
| 246 | EF | FE | | |
| 247 | EF | FE | | |
| 248 | EF | FE | | |
| 249 | EF | FE | | |
| 250 | EF | FE | | |
| 251 | F0 | FF | 252 | 00C5 |
| 252 | F0 | FF | 253 | 00C1 |
| 253 | F0 | FF | 254 | 00BD |
| 254 | F0 | FF | 255 | 00B8 |
| 255 | F0 | FF | 256 | 00B4 |
| 256 | F0 | FF | | |

6

| APC단계 | UPPER | LOWER | 펄스 발생 단계 | 펄스 개수 |
|-------|-------|-------|----------|-------|
| 1 | 00 | 00 | 0 | 04D1 |
| 2 | 00 | 00 | 1 | 04CD |
| 3 | 00 | 00 | 2 | 04C9 |
| 4 | 00 | 00 | 3 | 04C5 |
| 5 | 00 | 00 | 4 | 04C0 |
| 6 | 00 | 00 | 5 | 04BC |
| 7 | 00 | 01 | 6 | 04B8 |
| 8 | 00 | 07 | 7 | 04B4 |
| 9 | 00 | 0D | 8 | 04B0 |
| 10 | 00 | 13 | 9 | 04AC |
| 11 | 00 | 19 | 10 | 04A8 |
| 12 | 00 | 1F | 11 | 04A4 |
| 13 | 00 | 24 | | |
| 14 | 00 | 29 | | |
| ⋮ | | | | |
| 246 | EF | FE | | |
| 247 | EF | FE | | |
| 248 | EF | FE | | |
| 249 | EF | FE | | |
| 250 | EF | FE | | |
| 251 | F0 | FF | 252 | 00C5 |
| 252 | F0 | FF | 253 | 00C1 |
| 253 | F0 | FF | 254 | 00BD |
| 254 | F0 | FF | 255 | 00B8 |
| 255 | F0 | FF | 256 | 00B4 |
| 256 | F0 | FF | | |