

(72)

	46077,		1075	46038,	
	6514				
		46268,			
		8707			

1

•
,

1

1

•

2

8

1

(screen burn)

(idle time)

1

(program viewing commands)

2

3

1

2

4

1

5

(on-screen menu)

- 3 -

7

6

, (contrast), , , (sharpness) (tint) ,

8

6

, 2 1

9

6

, 2 3 ,

10

6

, 2 1 ,

11

1

12

13

11

14

11

15**16**

11

17

16

18

16

2

1

19

16

2

1

20

16

2

1

[0001] 2002 04 23 2002 04 22 60/374, 885
 60/374, 406

[0002] (screen burn) (prenature aging effects)

[0003] (CRT)
 (burn) " "
 CRT

, - (burned-in)

[0004]

[0005] , (screen aging) .
1 , 1
1 , 1
1 .

[0007] (30)
TV
" , " () TV
" , " , " , " , (invocation
n)

[0009] , , ,

[0014]

[0015] , , 1 , (100) (100) .

[0016] 1 , (100) / / (AV IO (101), /
 (FAV) (102), (103), (FPA) (104), (IR) (105),
 (106), (107), / (108), (109), (110),
 (111), CRT (112 114), (115 117) . 1

 (IC)

[0017] AV I O (101) 1 . /

(100) /
 , AV IO (101) (, , , ,) /
 , (106)
 , (, 2H 2 14H Y, Pr, Pb) (110)
 , AV IO (101) (103)
 . FAV (102) AV IO (101) /

[0018] (103) , , , (103) (100)
, (103) / IC , ,
, A/D , D/A , PIP
IC , , , ,

(103) ,
RAM ROM (100)
(103) /

00196 EPA(104) IR RF

[0021] 1 , (107) (AC IN) ,
(100) .
(107) AV IO (101), (103), (106),
/ (108), (108) (110) . /
(108) (106) (109) / (108) (109)
/ (109) / (108)

[0022] (110) (100), (110)
 (115 117), CRT (112 114)
 (110) (103)
 CRT (112 114)
 (110)
 (103)
 (110) (111) CRT (112 114)

$$[0023] \quad (111) \quad (100) \quad \dots \quad 1$$

, (111) (115) 117 , CRT (112
114) (114) (110) (115) 117 (110) (112
114).

[0024] CRT (112 114) (110) (111) (115) 117 CRT (112 114)

[0025] 2 , (200) . , 2
,

, 2 1 (100) , , 2

[0026] (201) , (100) , , (100)
IR , , FPA(104) IR (105)
, (103)

[0027] (202) , (201) (100) (103) (100)
, , (202) , (103) (100)
IR (105)

[0028] (202) , (100) , , " ,
, , , , (103)
(110) (110) (110) CRT (112 114)
, , , , (110) (110)

[0029] , (screen
burn) (prenature aging effects) (100)
, (100)

, (203) , ,

50%

[0030] , , (100) / , ,
, , , , 50%
, (100)

, (100) 75% , , 50% , (100)
37.5% , 75% 50%

[0031] , (202) , (100)
, (204)

, (100)
 [0032] (203 204) , (205)
 [0033] 3 (300) 3
 . 2 , 3 1 (100),
 [0034] (301) , (100) , (100)
 IR FPA(104)
 IR (105) , (103)
 [0035] (302) , (301) (100) (103) (100)
 , (302) , (103) IR (105)
 (100) , , ,
 [0036] (302) (100)
 , (303) , , (100)
 , , ,
 [0037] , (103) (110)
 (100) , (110) CRT (112 114)
 (100)
 [0038] , (302) , (100)
 , (304)
 [0039] (303 304) , (305)
 [0040] 4
 (idle timer), , ,
 , , ,
 , , ,
 [0041] (402) , (404)
 (103) (408)
 (406)
 (410) (time manufacture)
 (100)
 [0042] (412) , (400) (414)
 , (416) , (420)
 (412)

, (400)
(418) ,
(418) , (400)
, (400)
, (400)
" , " , (400)
"

[0043]

, / -

[0044]

" " " (VCR), (DVD)
(PVR),

[0045]

[0010]

1

[0011]

2

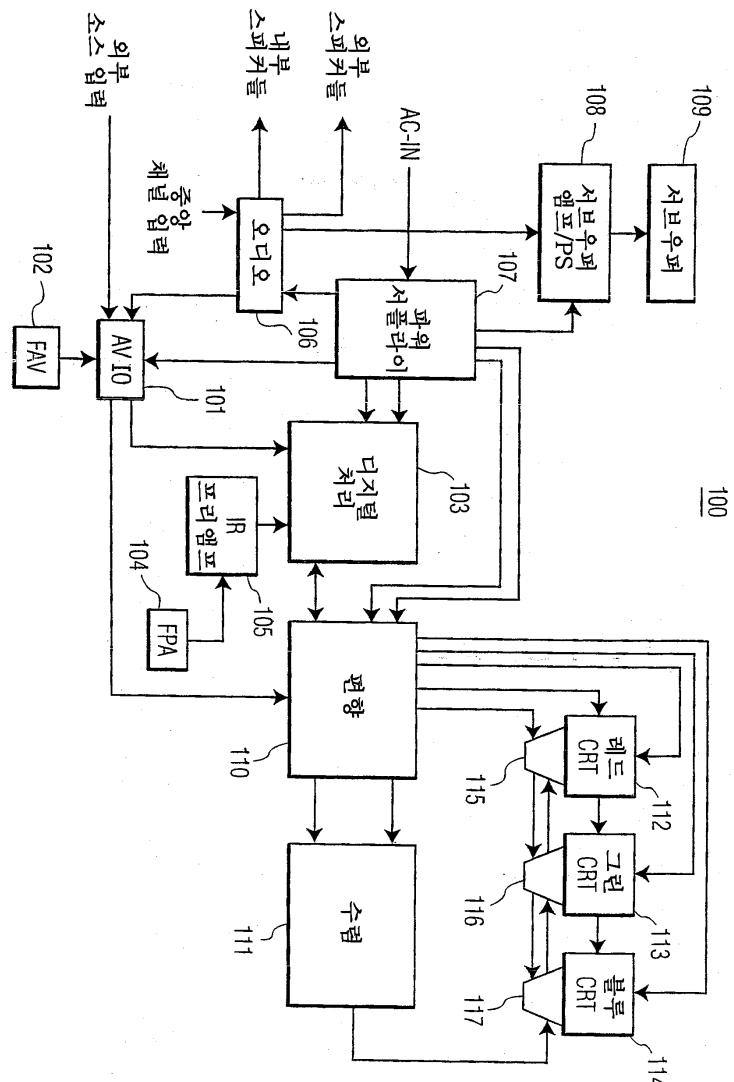
[0012]

3

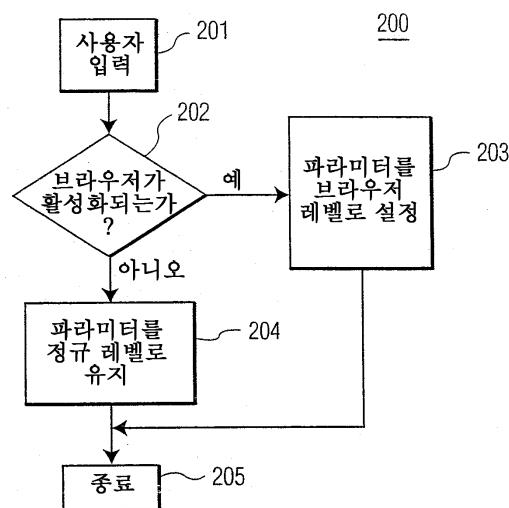
[0013]

4

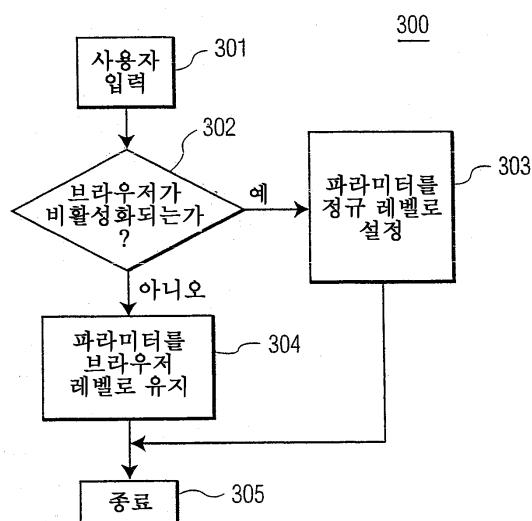
1



2



3



4

