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(A)

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(74)
:

(54)

1 , ' . 가 2 .

10

1

2

3A 3B

4A .

4B .

5 1 .

6 2 .

7 3 .

8 4 .

9 5 .

10 1 5 .

*

11, 12, 14a, 14b, 14c, 14d, 15a, 15b, 15c, 15d :

13 : 16, 17 :

21 : 1 22 : 1

23 : 2 24 : 2

25, 35, 45 : 1 26, 36, 46 : 2

31a, 41a : 1

31b, 41b : 1

32a : 1 32b : 1

33a : 2 33b : 2

34a, 44a : 2

34b, 44b : 2

42 : 1 (tweeter) 43 : 2 (tweeter)

37 : 51, 62 :

52, 63 : 1 53 :

54, 67 : 2 61 :

64 : 1 65 :

66 : 1 68 : 2
 69 : 2 70 : 3
 71 : 72 :
 73 :

1
 (11, 12) (11, 12) 1
 (13) , (11, 12) , (11, 12)
 가 (13) , (11, 12) (13) , (11, 12)
 , (11, 12) 2 , (11, 12)
 , , , 가

2 . 2
 , 1 가 (6 11) 가
 , , ±30° 2
 1 , 2
 , , , , ,

3A 3B
 가 , 가
 가 , 가 가
 . 2 가 가
 가 , , , , ,
 가 , 가 가 , , ,

가 . ,

가 .

.

1 가 1 ,

2 .

2 , 1 2

3 , 1

, 2

4 , 1 2

- (full - range)

5 , 1 2

2 - (2 - way)

6 (tweeter) , 1 2

7 가 (Coaxial) , 1 2

8 , 1 ,

2

1

9 ,

2

10 1000Hz , 100H

z

11 . , 2

1 , , , , , 1 .

12 , 0

20 .

13 , 1 , 1

가 , 1 , 1

2 1 .

14 , 1 0

10 .

15 , 0

3 가 .

16 , 1 1

00Hz 1000Hz .

17 , 2 , 2 , 2

3 2 .

18 , 2 0

10 .

19 , 2 80Hz

20 가 ,

2 1 , .

4A , 4B

가 ,

가 . , .

< 1 >

5 1 2 (24) 1 (21) 2 (21) 2 (23)가
 (24) 가 , 1 (21) 2 (24) 2 (full - range) (21)
 . 1 (22) 2 (23) 가 , 1 (21)
 1 (22) , 2 (23) 2 (24)

1 (21) 2 (23) 가 (L) , 1 (22)
 2 (24) 가 (R) , 1
 (22) 2 (23) 가

1 (25) 2 (26) , (26)
 1 (25) 2 (26)
 가 1 (25) 2 (26)
 1 (25) 2 (26)
 가 1 (25) 2 (26)
 가

, 1 , 1 2

< 2 >

6 2 2 1
 , 가 2- (2-way) (Coaxial) 1
 (31a) 1 (31b) , 2
 (34a) 2 (34b) 1
 (31a) 1 (31b) 2 (34a) 2 (34b)
 2 (33a) 2 (33b) 가 (32b)
 (32a) 2 (33a) 1 (31a) 2
 (34a) (33b) 1 (31b) 2 (34b)
 2 (32a) 1 (32b) (3)
 2b) 2- (2-way)

가 (Coaxial) , 2 (33a) 2
 (33b) 2- (2-way)
 가 (Coaxial) , 1
 (31a, 31b, 32a, 32b, 33a, 33b, 34a, 34b) 가 (32a) 1 (3
 (31a) 1 (31b) 1 (33a) 2 (33b) 2
 2b) (34a) 2 (34b)

1 (31a) 1 (31b) 2 (33a) 2
 (33b) 가 (L) , 1 (32a) 1
 (32b) 2 (34a) 2 (34b) 가
 (R) . (32a) 1 (32
 b) 2 (33a) 2 (33b) 가
 가 .

1 (35) 2 (36) (37)
 , (36) (37) . 2 1 (35) 2
 (36) 2 (36) 가 1 (35) 2 (37) 가
 (37) (35) 2 (36) 가 (36) 가
 (37) (35) 2 (36) 가 가
 , (37) 가 가
 , 2 , 2 2

< 3 >

7 3 . 3
 2 , (tweeter))(42, 43) . 1 (41a)
 1 (41b) (41b) , 2 (44a) 2
 (44b) . 1 (41a) 1
 (41b) 2 (44a) 2 (44b)
 , 1 (tweeter)(42) 2 (tweeter)(43) 가
 , 1 (41b) 2 (44b)
 . 1 (tweeter)(42) 2 (tweeter)(43)
 , (41a, 41b, 42, 43, 44a, 44b) 가
 , 1 (41a) 1 (41b) 1 (tweeter)(
 42) , 2 (tweeter)(43) 2 (44a) 2

(44b)

1 가 (41a) 1 (41b) 2 (tweeter)(43)
 가 (L) , 1 (tweeter)(42) 2 (44a) 2
 (44b) 가 (R) . 가 1 ()
 tweeter)(42) 2 (tweeter)(43) 가

1 (45) 2 (46) ,
 1 (45) 3 1 (45) 2 (46)
 가 1 (45) 2 (46)
 가 , 1 (45) 2 (46) 가
 가 , 1 (45) 2 (46) 가

, 3 , 3 2

< 4 >

8 4 4
 (RF) (51) (LF)
 (52) (LL), (LR), (RL),
 (RR) (LR) (RR) (LL) (RL)

1000Hz (53) (LB) (RB) 80Hz
 2 (54) (BL) (BR)

< 5 >

9 5 5
 0 20 가 (61) (L) (R)
 4A 4B , (62) 1 (6)

3) (RR) , (71) (LR) , (LL), (LR), (RL), (RR) (LL) (RL)

1 (64) (L) (R) 0 10
 (66) 0 3 (65) 가 1
 100Hz 1000Hz
 (67) (BL) (BR) (72) 2

2 (68) (L) (R) 0 10
 Hz (69) 2 (68) 80
 (73) 3 (70)

10 1 5 가 1
 5 , 2 , 3 , 4 5 10
 , 1 , 2 3
 , 2 , 1

4 가 가가
 , 4 5 ,
 가 가

(57)

1.

가 ,

1 ,

2

2.

1 ,

1 2

3.

1 2 ,

1 ,

2

4.

3 ,

1 2 - (full - range)

5.

3 ,

1 2 2 - (2 - way)

6.

3 ,

1 2 (tweeter)

7.

3 ,

1 2 가 (Coa xial)

8.

2 1 , ,

9.

8

2

10.

9

100Hz

1000Hz

11.

2

1

12.

11

0

20

13.

11 12 ,

1 ,

1 가 ,

1 ,

1 2

14.

13 ,

1 0 10

15.

13 14 ,

0 3 가

16.

13 15 ,

1 100Hz 1000Hz

17.

16 ,

2 ,

2 2

2 3

18.

17 ,

2 0 10

19.

17 18 ,

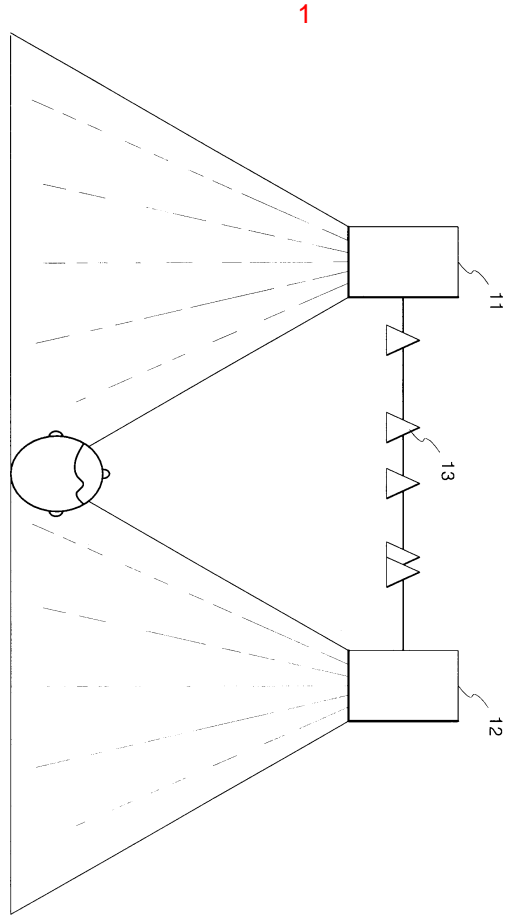
2 80Hz

20.

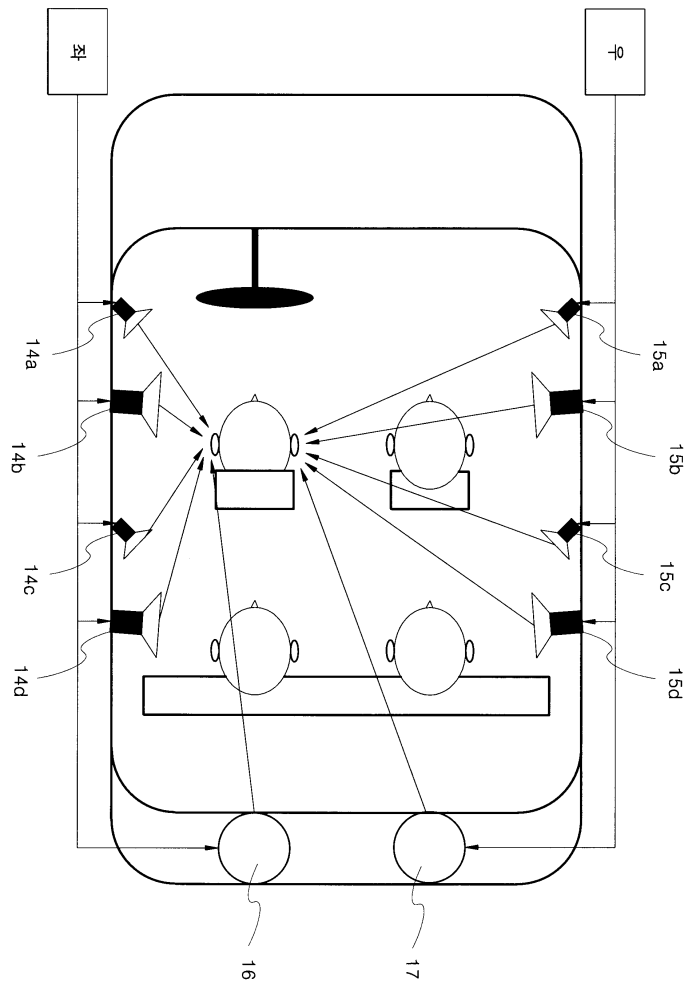
가 ,

1 ,

2

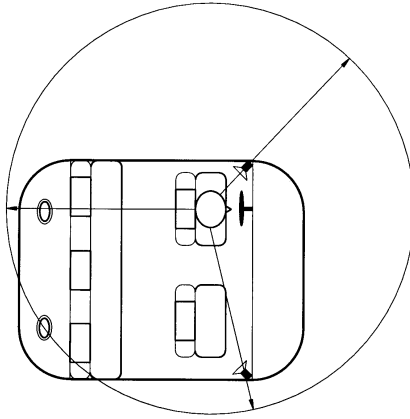


2

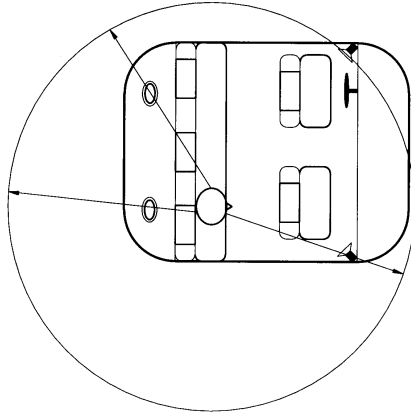


3

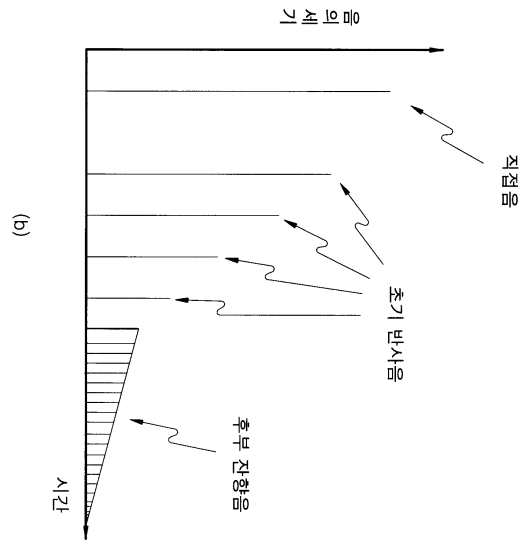
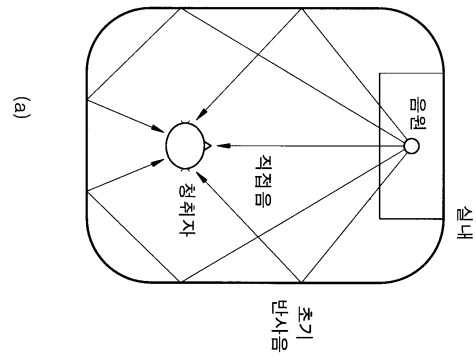
(a)



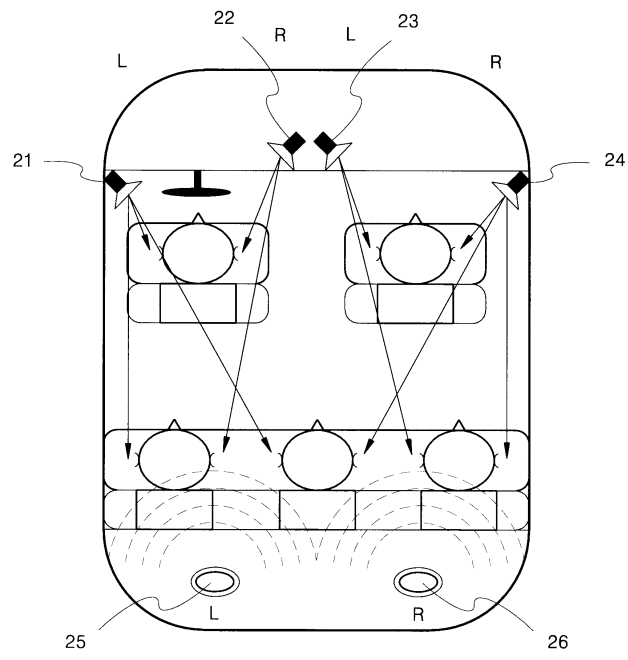
(b)



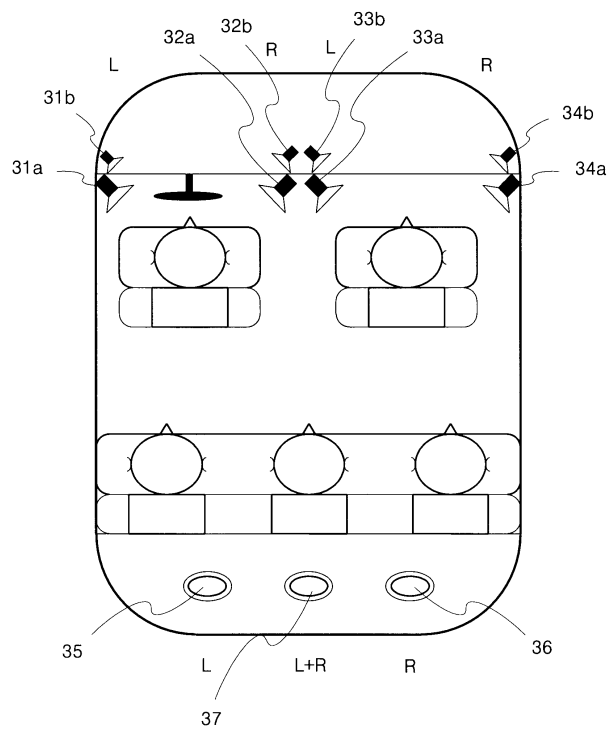
4



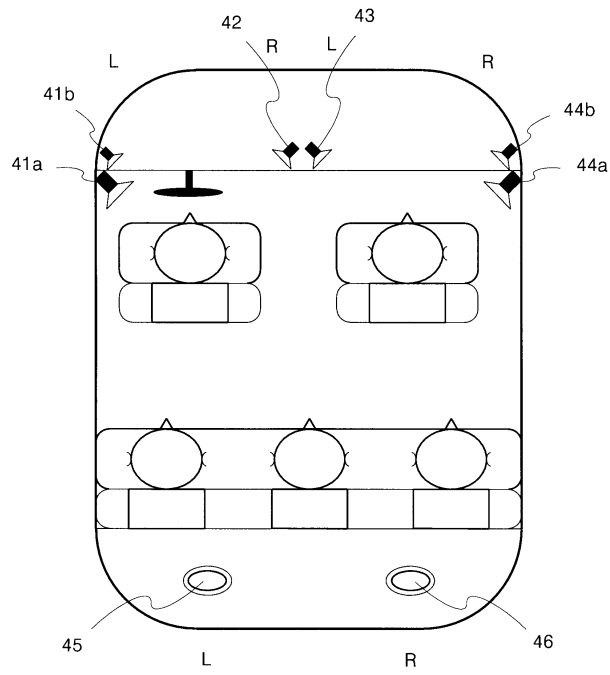
5

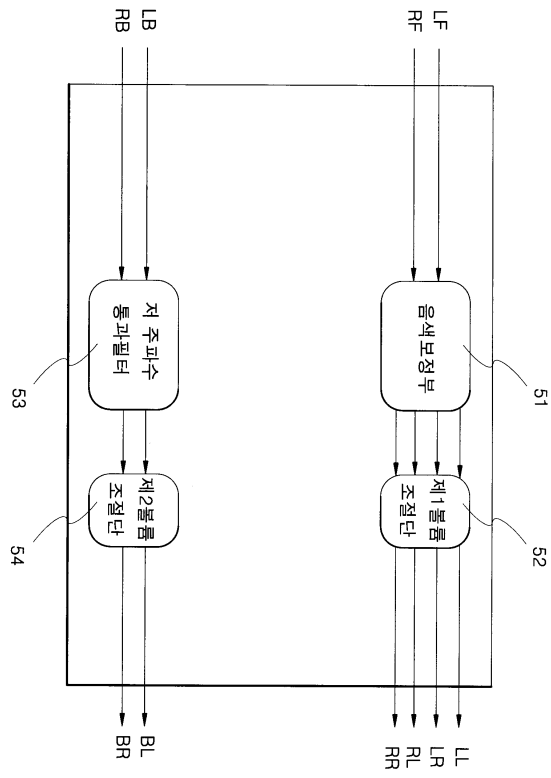


6



7





6

