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(73) 가 가 가 2 26 10

(72) 가 2 26 10 가 가

가 가 2 26 10 가 가

가 2 26 10 가 가

가 가 2 26 10 가 가

(74)

:

(54) ,

가

5a

1a, 1b 1c
 2
 3a 3b
 4a 4d
 5a 5b
 6
 7
 8
 9a 9d
 10
 < >
 1... 2...
 3... 4...
 5... 6...
 7... 8...
 9... 10...
 13... 14...
 16... 17...

가

5b

가

가

11-340706

가

1

1

가

2

1

2

$$Y_0 \cot \beta L_1 = \dots \quad (1)$$

$$Y_0 \cot \beta L_2 = \dots \quad (2)$$

$$(1) \dots, L_1 = \dots$$

$$L_1 = \dots / 2$$

$$1 = 2L_1 (\dots) \quad A$$

$$\dots, (2) \dots, L_2 = \dots$$

$$L_2 = \dots / 2$$

$$2 = 2L_2 (\dots) \quad B$$

$$\dots, f_0 \dots f_1 \dots f_2 \dots,$$

$$f_0 > f_1 > f_2$$

$$f_0 < f_1 < f_2$$

$$1/2 \dots B$$

$$B = Y_0 \tan \beta L \quad (L = L_1 + L_2)$$

$$B = 0 \dots, L = \dots, \text{가}$$

$$L = \dots / 2$$

$$\dots = 2L (\dots) \quad f_0$$

$$B = Y_0 \tan \beta L_1 + Y_0 \tan \beta L_2$$

$$B = \dots$$

$$B = \dots$$

$$Y_0 \tan \beta L_1 = \dots \quad (1)$$

$$Y_0 \tan \beta L_2 = \dots \quad (2)$$

$$(1) \dots, L_1 = \dots / 2$$

$$L_1 = \dots / 4$$

$$1 = 4L_1 (\dots) \quad A$$

$$\dots, (2) \dots, L_2 = \dots / 2$$

$$L_2 = \dots / 4$$

$$2 = 4L_2 (\dots) \quad B$$

$$\dots, f_0 \dots f_1 \dots f_2 \dots,$$

$$f_1 > f_0 > f_2$$

$$f_1 < f_0 < f_2$$

$$2 \dots \text{가}$$

$$B = Y_0 \cot \beta \dots$$

$$\dots, B = 0 \dots, 3a \dots 3b \dots f_p$$

$$\dots, 3a \dots$$

$$f_p$$

$$\dots, \text{가} \dots, 3b \dots$$

$$f_p$$

$$4a \dots 4d$$

$$1/2$$

$$4a$$

$$1/2$$

$$(\dots)$$

$$f_p$$

$$f_2$$

$$1/2$$

$$4b$$

$$1/4$$

$$f_2 \text{가}$$

$$TE$$

$$\text{가}$$

$$1/2$$

$$4c$$

$$1/4$$

$$1/2$$

$$\text{가}$$

$$4d$$

4c (steep)
4d
가 Q₀가 가
9a 9b 9c 9a 9d (1
(14a, 14b), (14a, 14b) (1
6a, 16b) (17a, 17b) (10) (13) (1) (14a,
14b) (17a, 17b) (13) (1)
(14a, 14b) 1/2
4d 5a 5b
6 8
가 10 10 (ANT)
(DPX) (BPFa, BPFb) (AMPa, AMP
(MIXa, MIXb) (OSC, SYN)
MIXa SYN BPFa MIXa
PX AMPa DPX ANT AMPb D
MIXb SYN BPFb AMPb
5a 5b 9a~ 9d IF B
DPX
가 1 2
가 가
2
가
Q₀가
가
가
가

(57)

1.

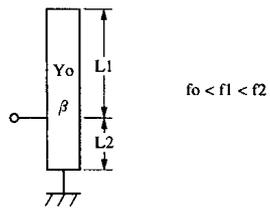
가

1

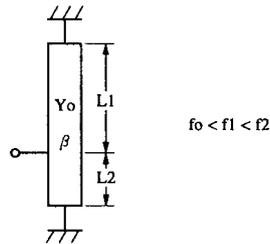
2

- 1 2. , ,
- 1 3. , 1 2
- 1 4. , 1 2
- 1 5. , 1/4
- 1 6. , 1/2
- 1 7. , 1/2
- 1 8. , 가
- 8 9. ,
- 1 10. 9
- 1 11. 9 10

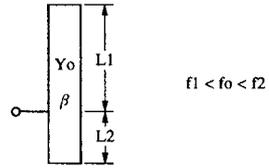
1a



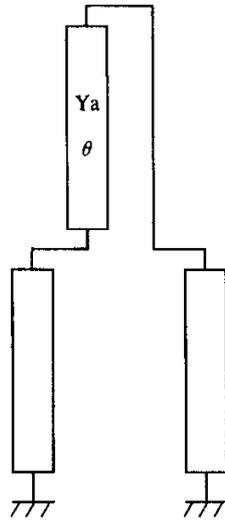
1b



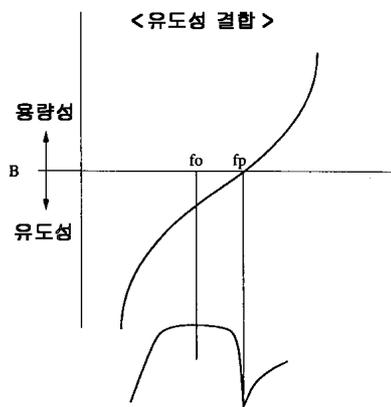
1c



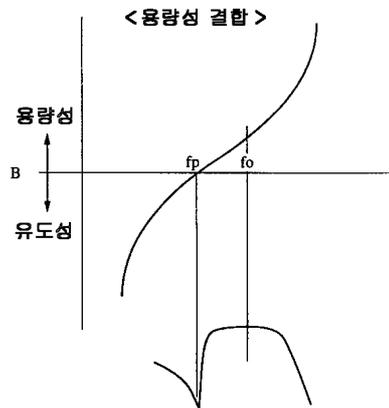
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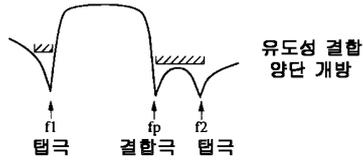
3a



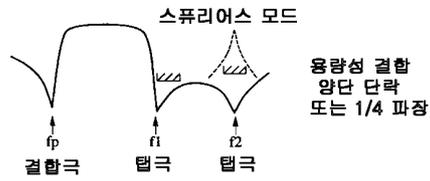
3b



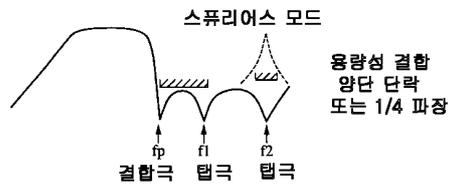
4a



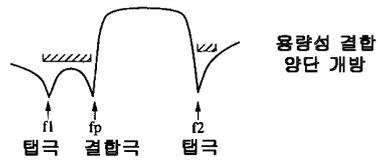
4b



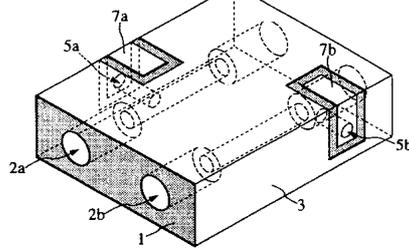
4c



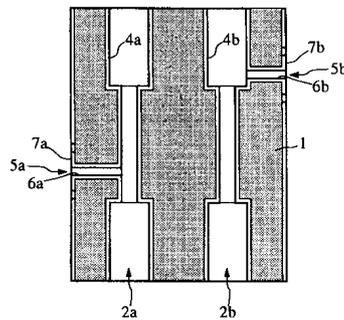
4d

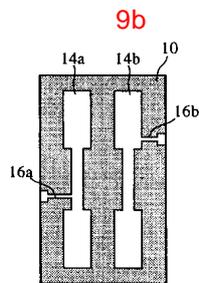
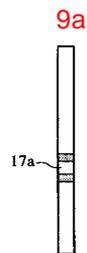
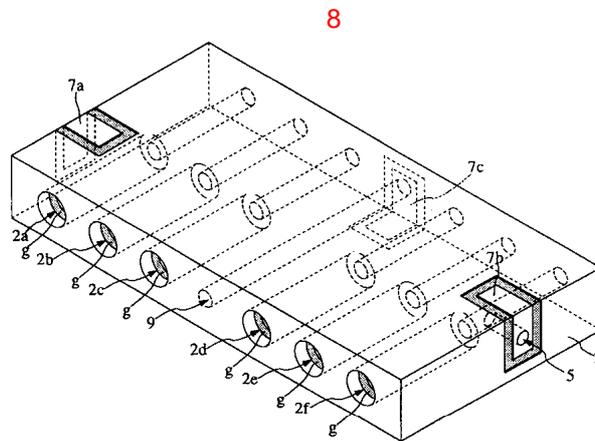
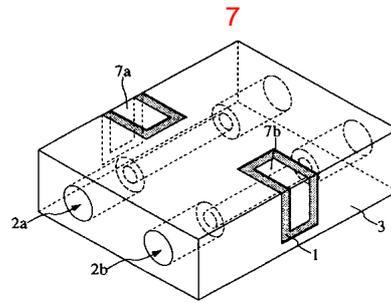
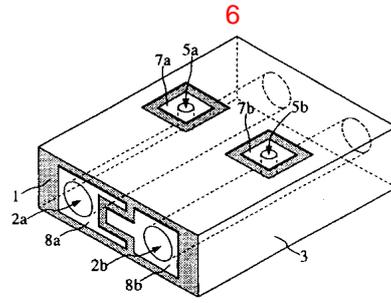


5a

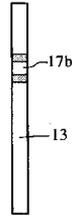


5b

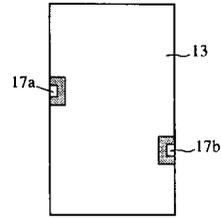




9c



9d



10

