



1  
 2  
 3  
 4 3 A 가 ,  
 5  
 6 2 ,  
 7 2 ,  
 8 2 P1 ,  
 9 2 P2 ,  
 10 2 P3 .

\* \*  
 10 : 110 :  
 120 : 130 :  
 20 : 210 :  
 220 : 230 :  
 30, 50 : 1 32, 52 : 2  
 34, 54 : , 36, 56 : 1  
 38, 58 : 2 40, 60 : ,

가 , 50Hz 60Hz , (1MHz 5  
 0MHz)  
 가 (1, 2) (3) (L1, L2) 2 (1, 2)  
 가 (T), (C1, C2) (F), (RV), (R1),  
 (F) (RV) (L1, L2) (RV) (T)  
 , 1 2 (R1) (RV) (T) 1 (C  
 1) (F) (3) (1) (T<sub>x</sub>) (C2) (2) . 2  
 , (T<sub>x</sub>) (C1) (R<sub>x</sub>) (L1, L2)  
 (T) 2 (C2) (3) (T<sub>x</sub>)  
 , (T) 가 [MHz] 가 [MHz]  
 가 (Impedance) 가 [m] (T) 1 2 , ,가



2 (38) 1 (30) 2 (32) 5 1 (36)  
 1 (30) 2 (32) 1 (30) 2 (32) (40)  
 ) (40)  
 7 5 B  
 , 6 1 (50), 2 (52), (54) 2 (54), 1 (56) 7  
 (58) (T) 6 6 1 (50) 2 (52)  
 , (60) (60) 1 (50) 2 (52)  
 5 7

2 1 2 가 [MHz] 1  
 10[mm] (hollow bobbin; (中空) ) 40  
 00[mH] 가 6.2[kℓ]  
 6 7 (中空) ) 40 6 7 2 10[m  
 m] ( ) 2

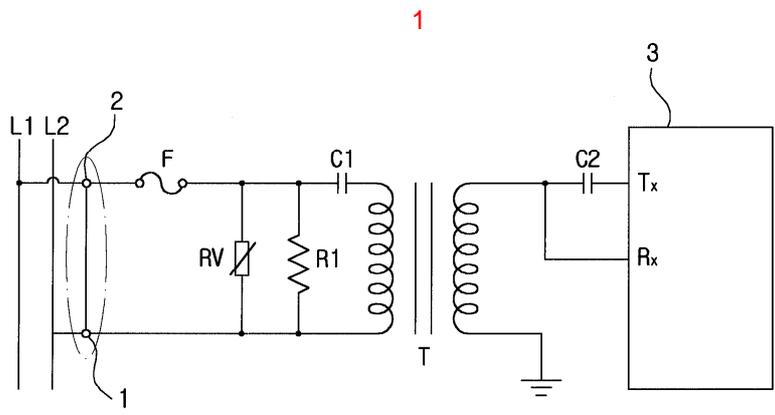
$X_L + X_C$  가 , 가 [

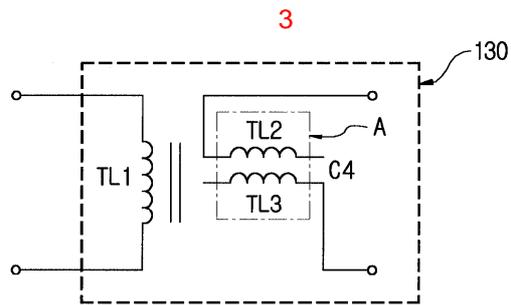
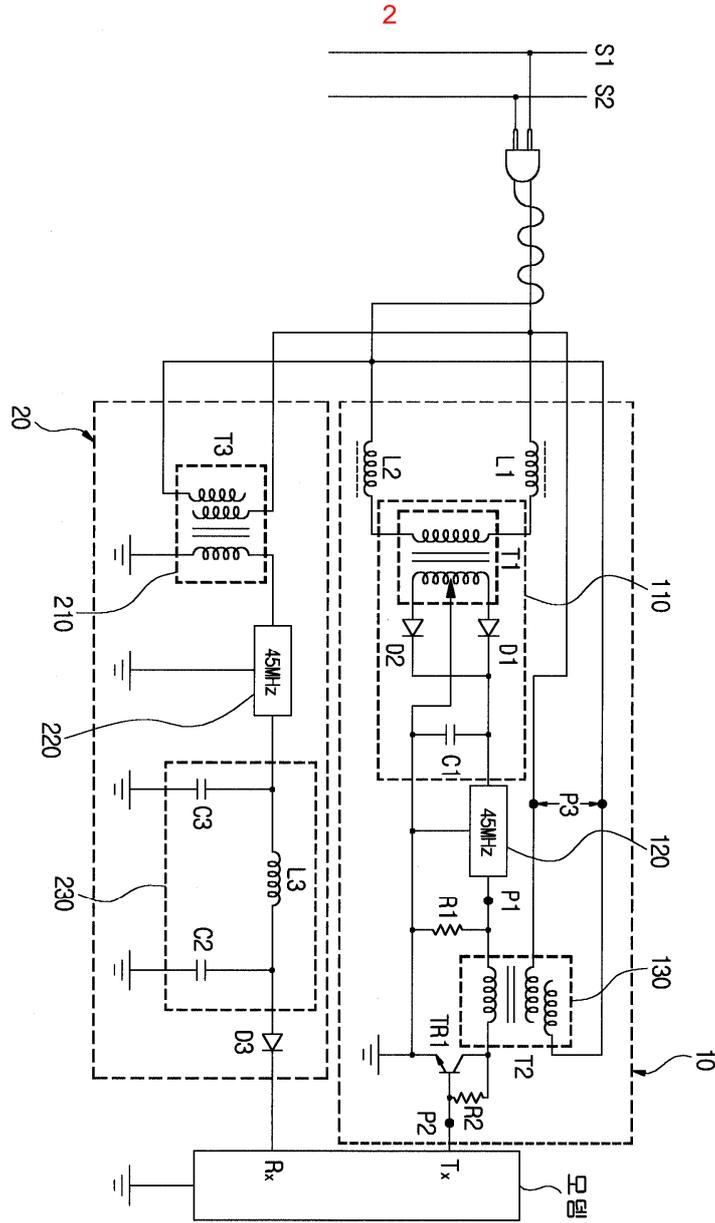
$f_0 = 1/(2 \times LC) \dots \dots \dots$  가 2 가 , 4 가 N2, C4  
 , L , C ,  $f_0$  가  
 ( ) .  
 (  $f_0$  ) ,  
 $Q = \frac{VL}{V} = \frac{VC}{V} = \frac{Wr}{R} = \frac{1}{WrcR} = \frac{1}{R} \times \frac{L}{c} \dots \dots \dots$  2 , Q , V  
 , L 2 , C ( ) , R 2 , Wr 1

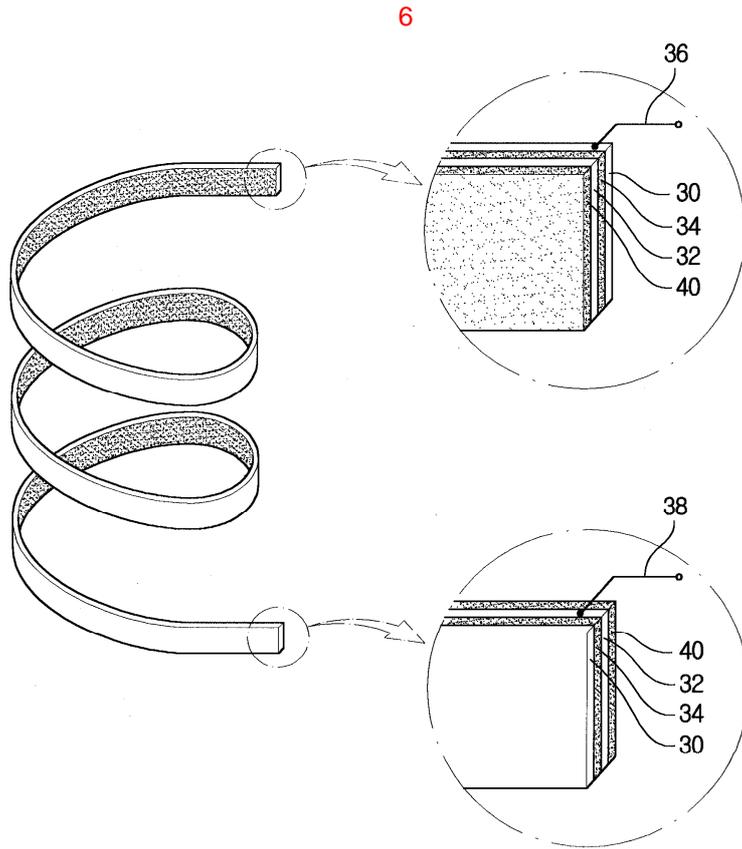
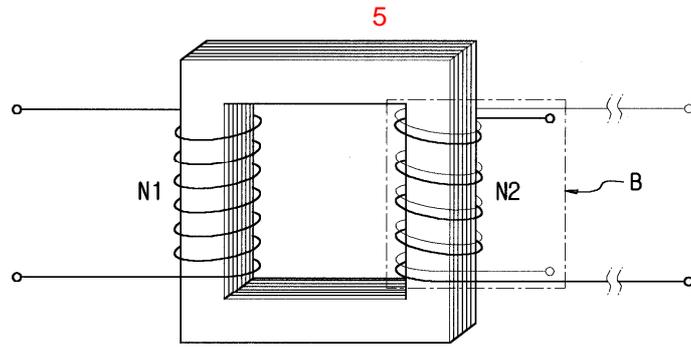
가 가 [MΩ] 가 ,  
 가 (noise)  
 가 (AC)  
 , 8 2 P1 , 9 2 P2  
 , 10 2 P3

(57)  
 1.  
 (120); (D1, D2); (T1); (C1); ;

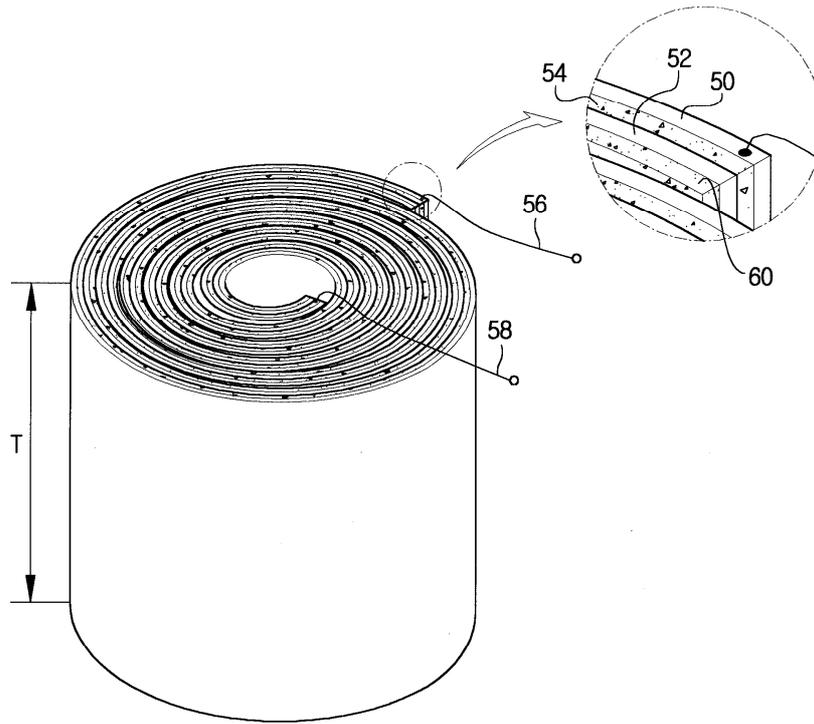
(120) 1 (TL1) , 1 1 2 (130); 1 ( ( TL2) 2 (TL3) 1 3 2 3 (10): ( 1 1 3 4 2 4 2 3 2 4 2 (210); 3 2 (210) 2 4 2 (220); 2 (220) 2 4 2 (230); (20): 2. 1 1 (230) LC (L3, C2, C3)



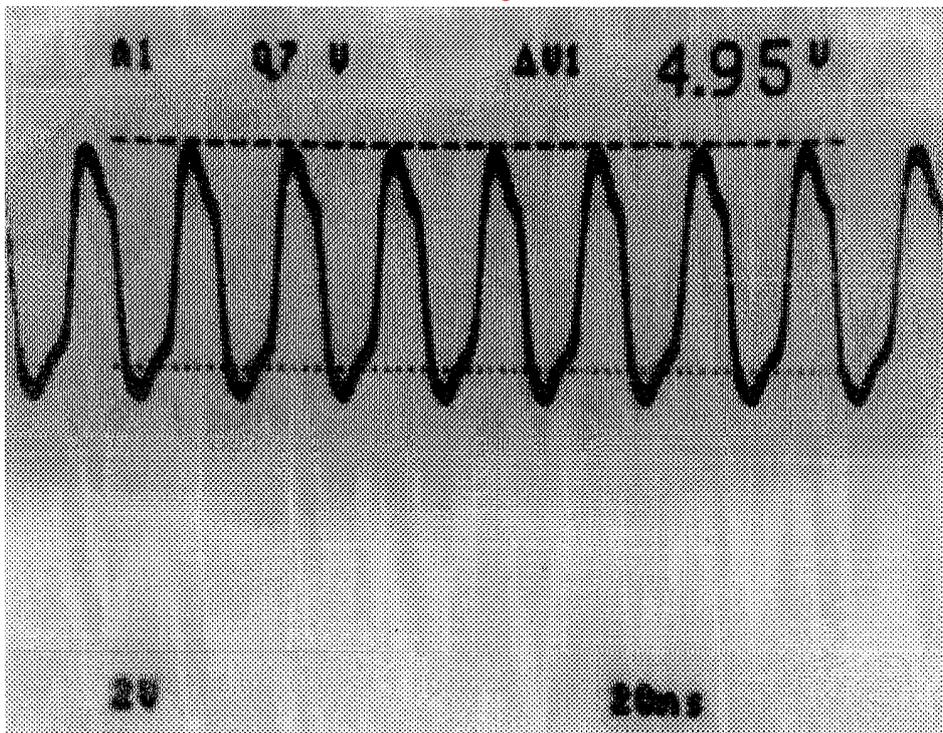




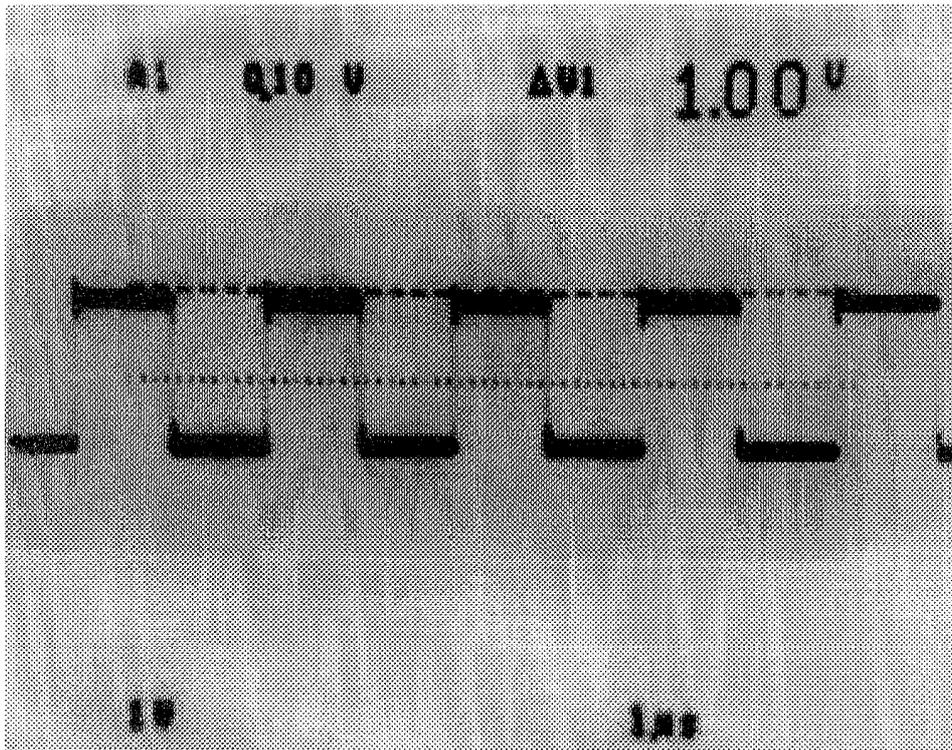
7



8



9



10

