

2a

1a 1d ;
 2a 2c ;
 3 가 ;
 4 가 ;

< >

10: 12:
 14: 20:
 50: 60:
 60':
 75: 70:
 Cs: C3:

1×10^{11} 2×10^{12} /cm³ 가

(High Density Plasma, HDP)
 (Inductively Coupled Plasma, ICP)

1a
 1a (10) (12) (chuck, 20) (30) (20)
 (10) (14)가 (12) (14)
 (10) (50) (50) 가(60)가
 (75) (60) (60) (60) 1b
 (60) (10) (40)가
 (75) (60) (stray capacitor, Cs)가 (impedance matching box, I
 MB, 70)가 (20)

가

1b 1a (60) (70) 1c 1d
 1b (stray capacitor, Cs)가 가
 1b 1d (60) L1, L2, L3 L4가
 (70) (L4) 1a (C3)가
 1b La (60) (inductance)

3 가
 3 , 1 (110, 112) 1 (120)
 1 (120) 2 (130) , 2 (130) 1 (120)
) 2 (130) , 2 (130) 1 (110, 112) , 2 (130) 1 (140)
 (L4)가 (140) , (150) 가 (L4) 1 (110, 112) (130)
 1 ~ 5pF , 1 (110, 112) 1 (120)
 4 가 (a) 1 가
 가 , (b) 가
 , (c) 가
 (c) 가 , 가
 , (a), (b) (c) 가
 , 가
 가

(57)

1.

2.

3.

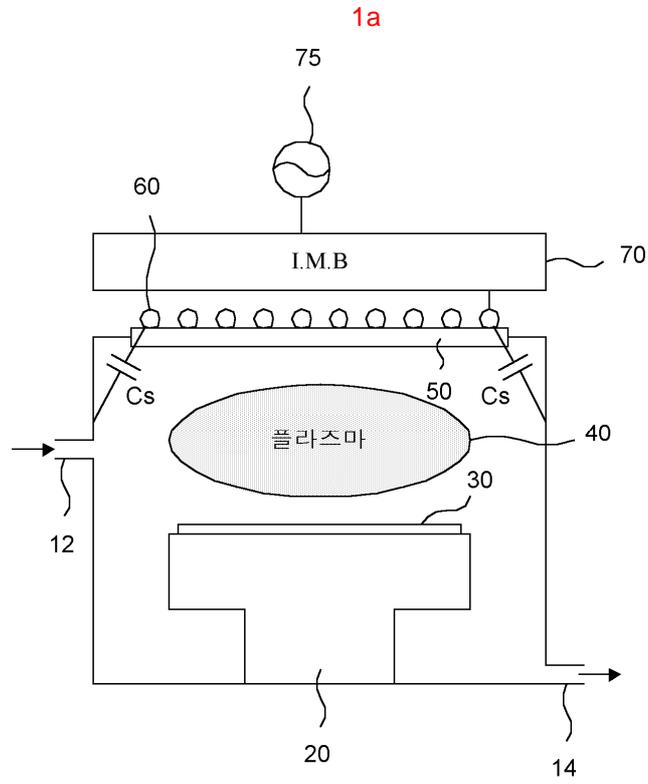
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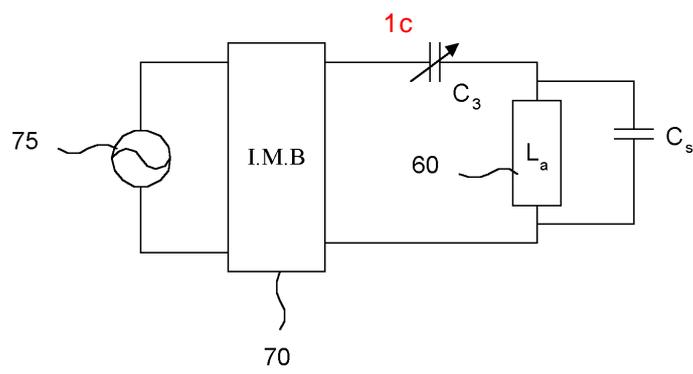
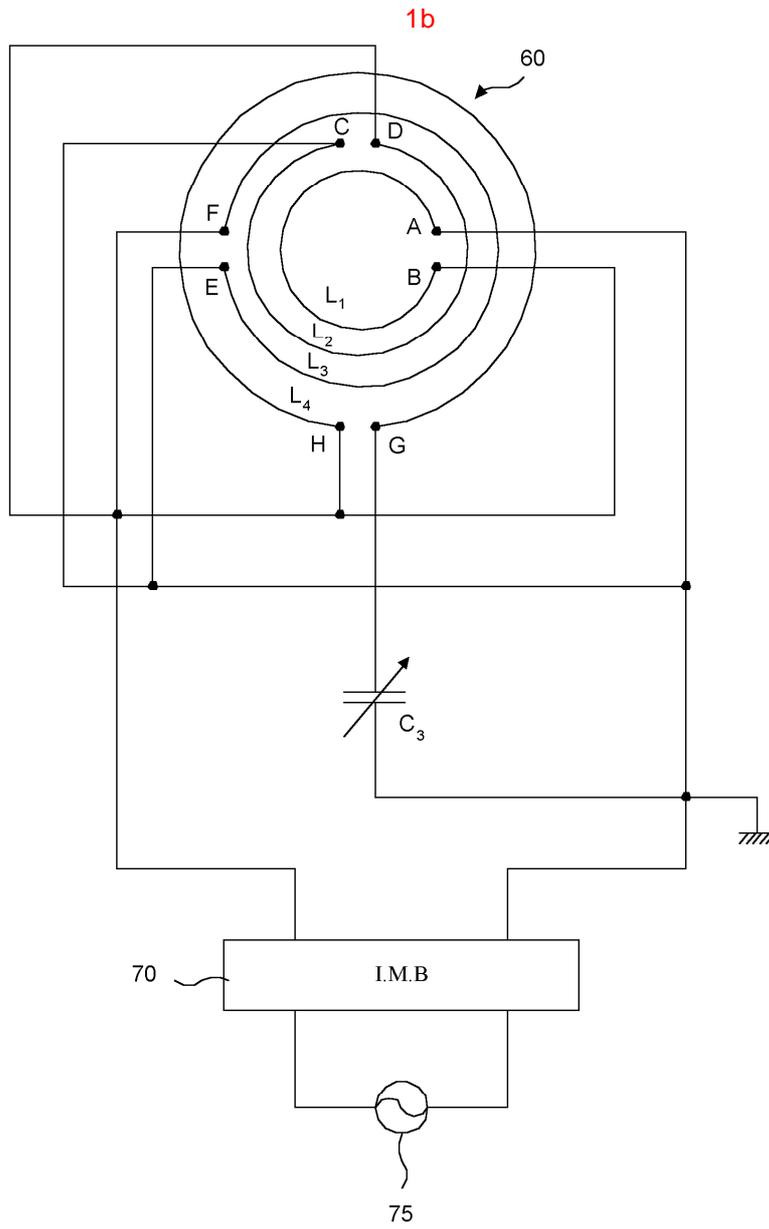
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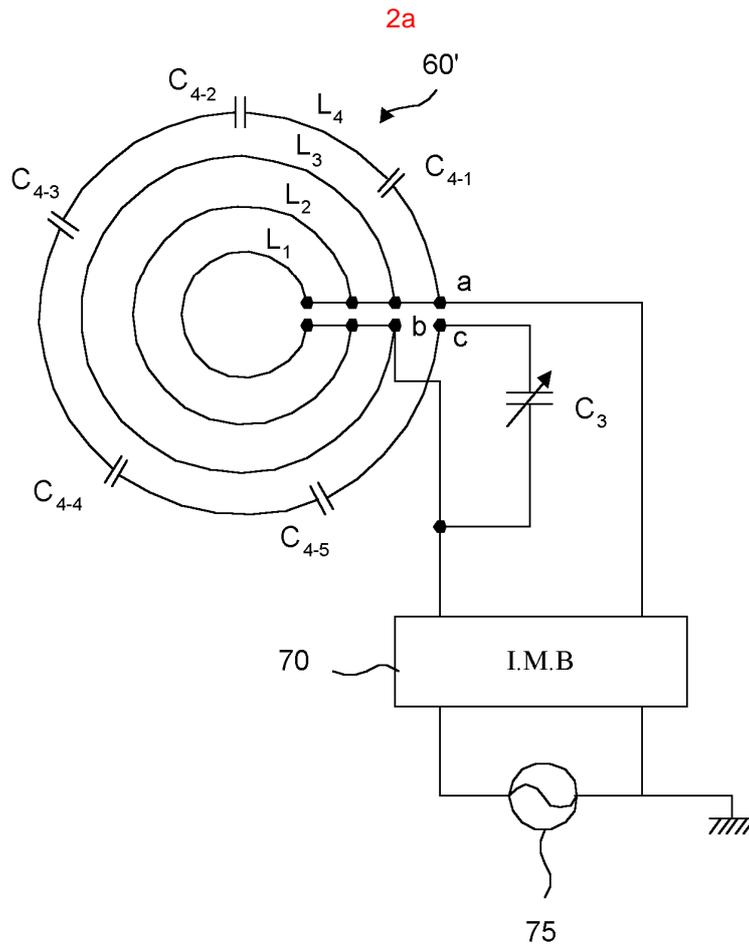
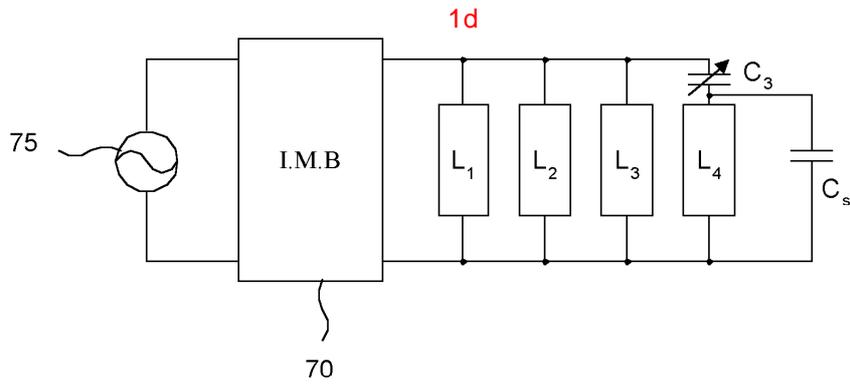
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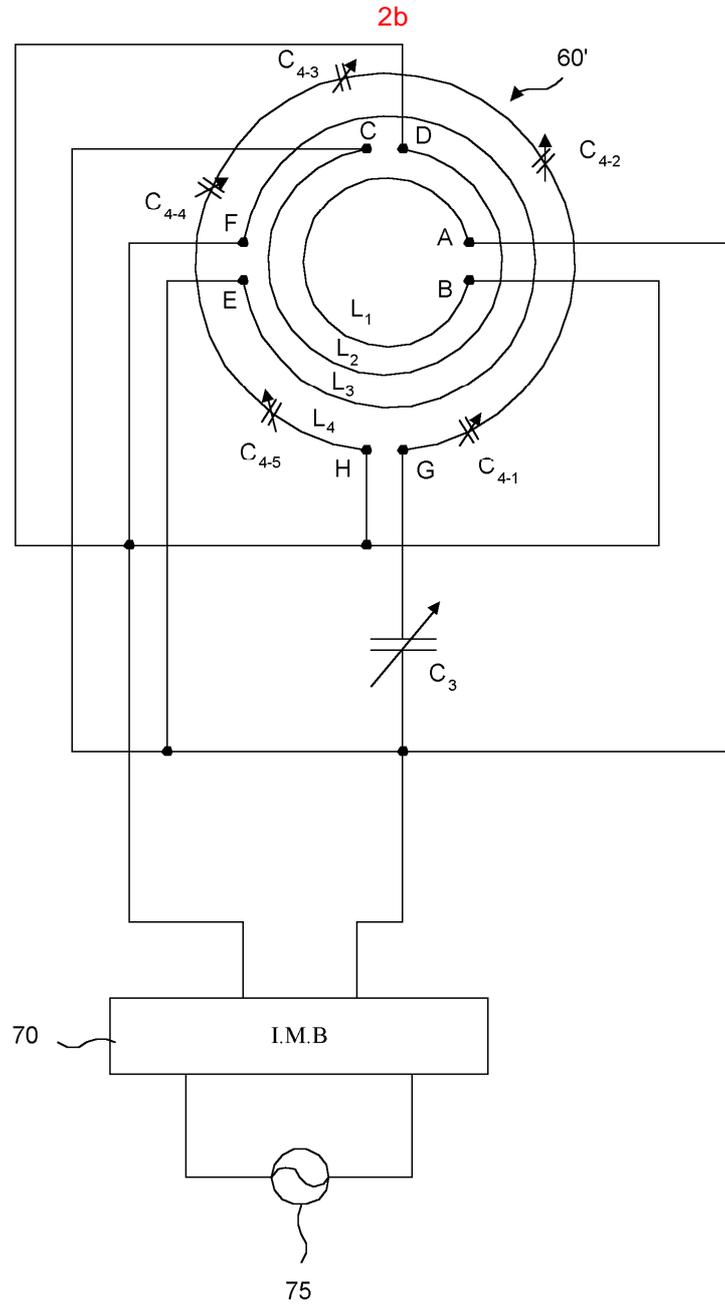
7.

6 , 1 1 가
8. , 가 가 1~5pF 가 .

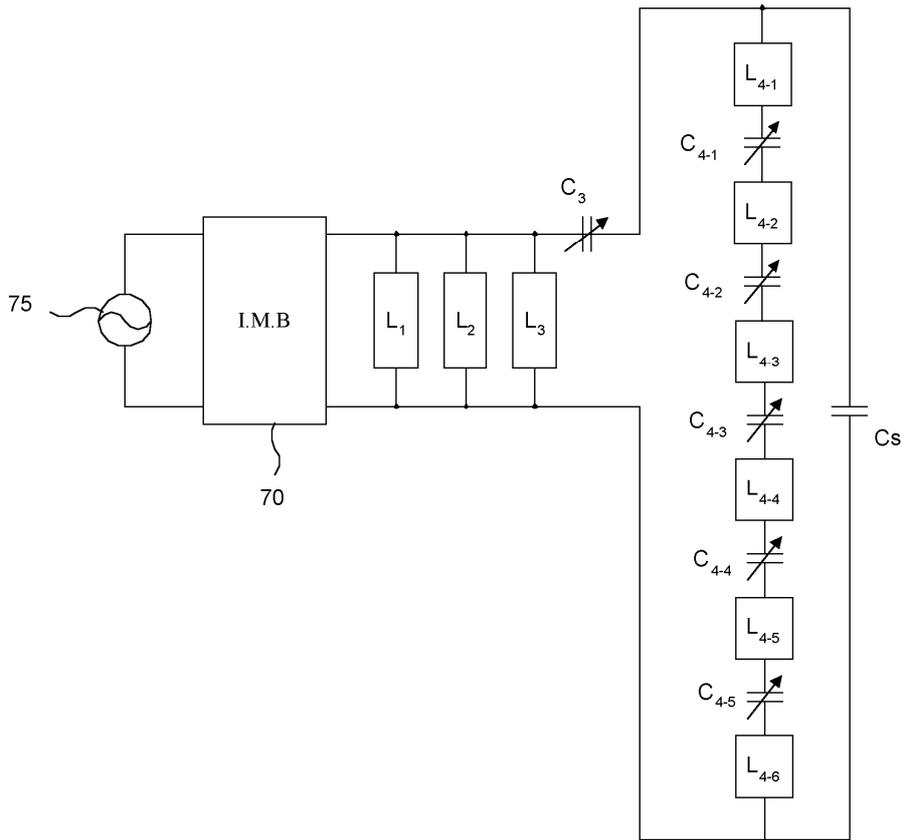




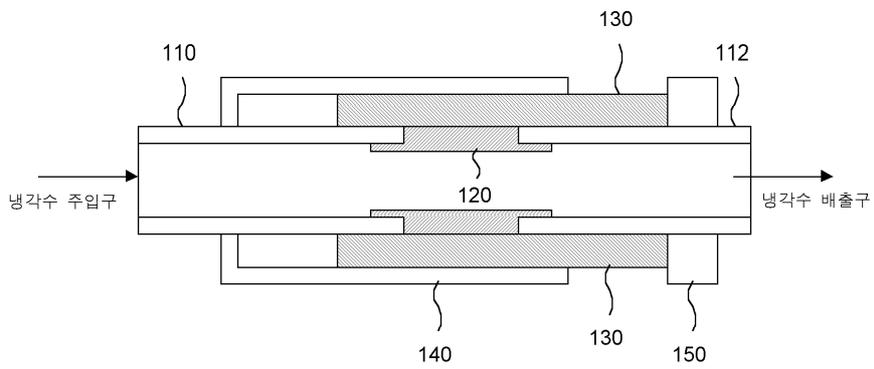




2c

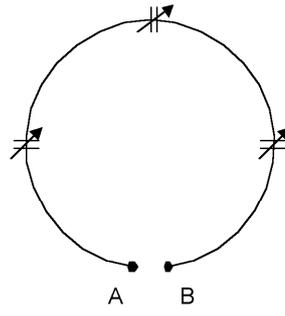


3

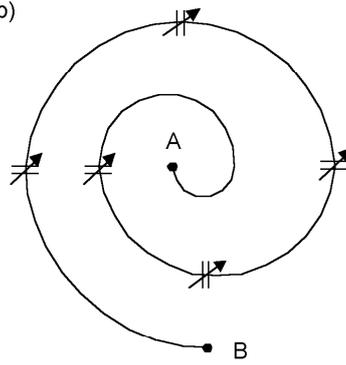


4

(a)



(b)



(c)

