

1 ,
 2 1 가 ,
 3 1 ,
 4 3 ,
 5 가 .
 6 ,
 7 .

< >

1: 10, 11:
 20, 21: 30:
 40: S:

가 , 가

가
(Local Area Network; "LAN")

(Power Line Communication; "PLC")

가가 (,) ,

1

(10, 11) (S) (1) (20, 21) (10, 11) (20, 21) (30)

(10, 11) 가

(Magnetic Core)(20, 21) (10, 11) (Ferrite)가

(20, 21) (電磁氣誘導, electromagnetic induction) (S) (30) 가 (10, 11)

(S) (30) (20, 21) (10, 11) (20, 21) (10, 11) (20, 21) 가 2 가

(20, 21) (30) (30) (S)

(30) (20, 21)

(40)가 (20, 21) (40) (10, 11) (S) 가 가

(10, 11) (20) (21) (10, 11) (20, 21) (40) (40)가 (40) 가

가 가 가 가 가 가

가 가 (40) (20, 21)

3 1

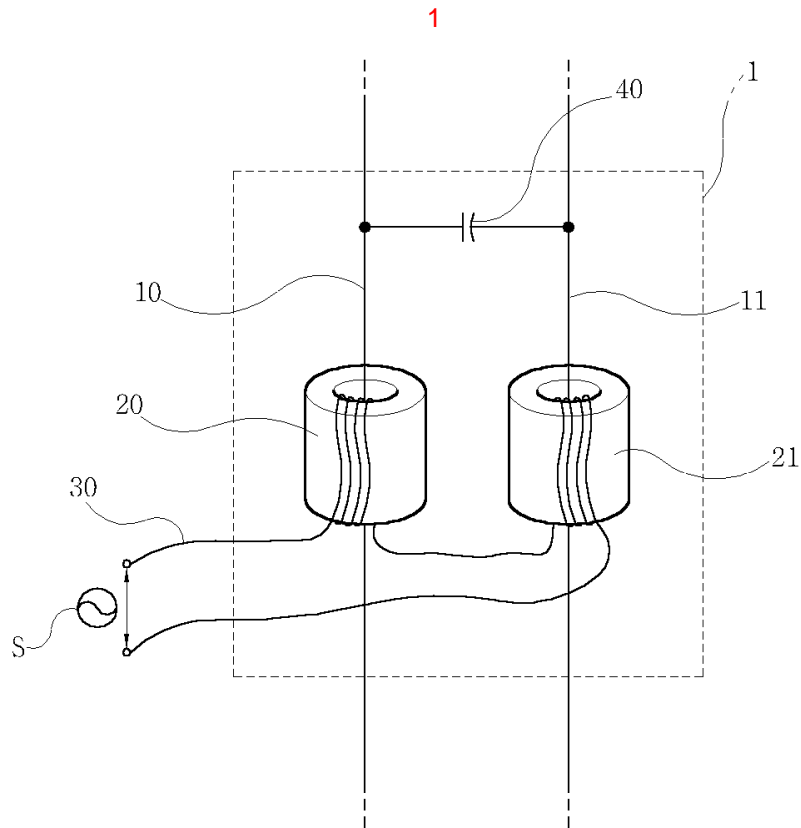
가 (100) 가가 (110) (10)

(100) (10)

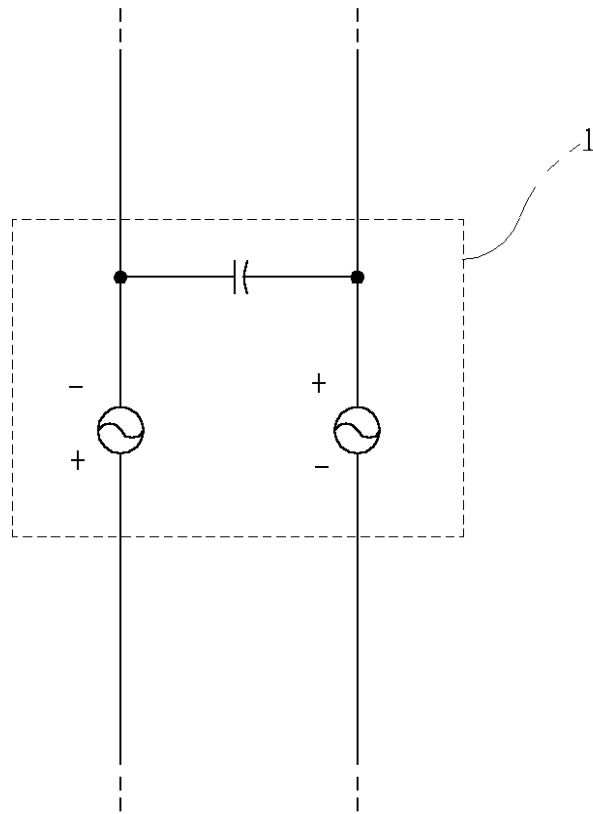
, (110) (100) (10) (111)
 (112) (113) (Locking) 가 , .
 , (110) (100) , (100) 가
 , (110) (114, 115) (114, 115) (10) , (110)가 , 가 (110)
 .
 , (30) (110) (100) (100) (110)
 (110) (100)
 111) (30) (100) (110) (30) (101) (
 , (100) (101) , 4
 , 5 , 가 가 ,
 , (310) (300, 301) 가 (200) 2 (201, 202)
 (200) 2 (210, 211)
 , 가 (200) 2 (210, 211) (220, 221) 2 (201, 202)
 (220, 221) , (220, 221) (310) (311, 312)
 (220, 221) (310) (200) 2 (210, 211)
 , 가 1 가 .
 , 6 , 1 ,
 , 가 (20, 21) (10, 11) (300, 301)
)가 가 .
 가 가 (300, 301) (10, 11)
 , 가 (300, 301) (40)
 , (300, 301) (40) , (40)
 , (40)
 , 7 , 1 ,
 , (20) (S) (10)
 (20) , (20, 21) 가 , ,
 가 가 .

7. 2 가

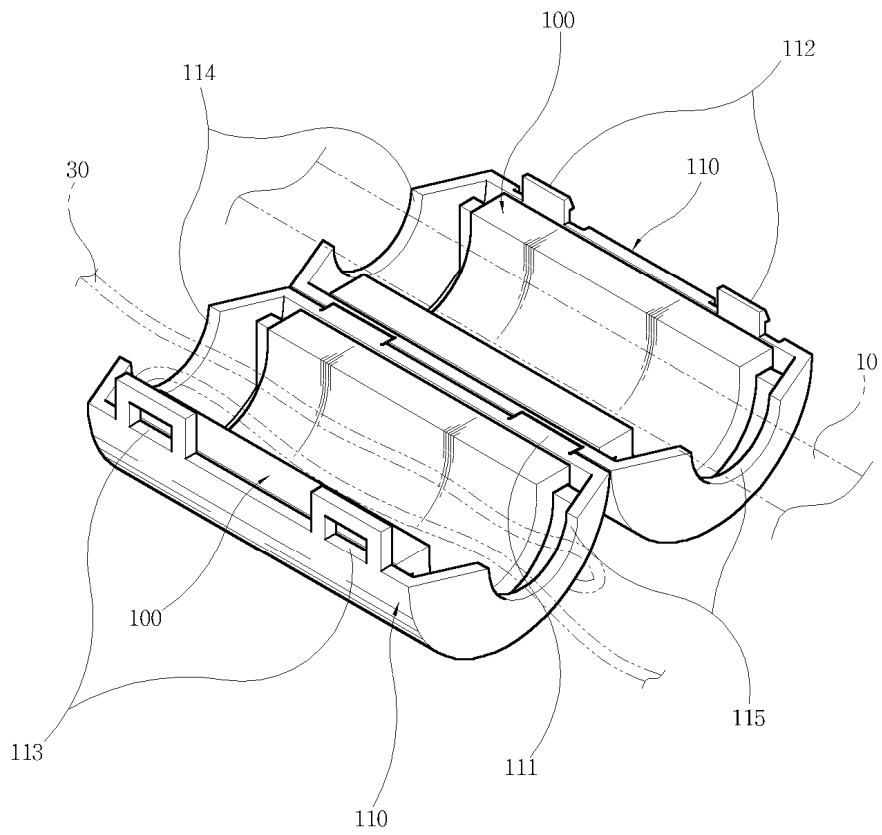
8. 1 가 2 가

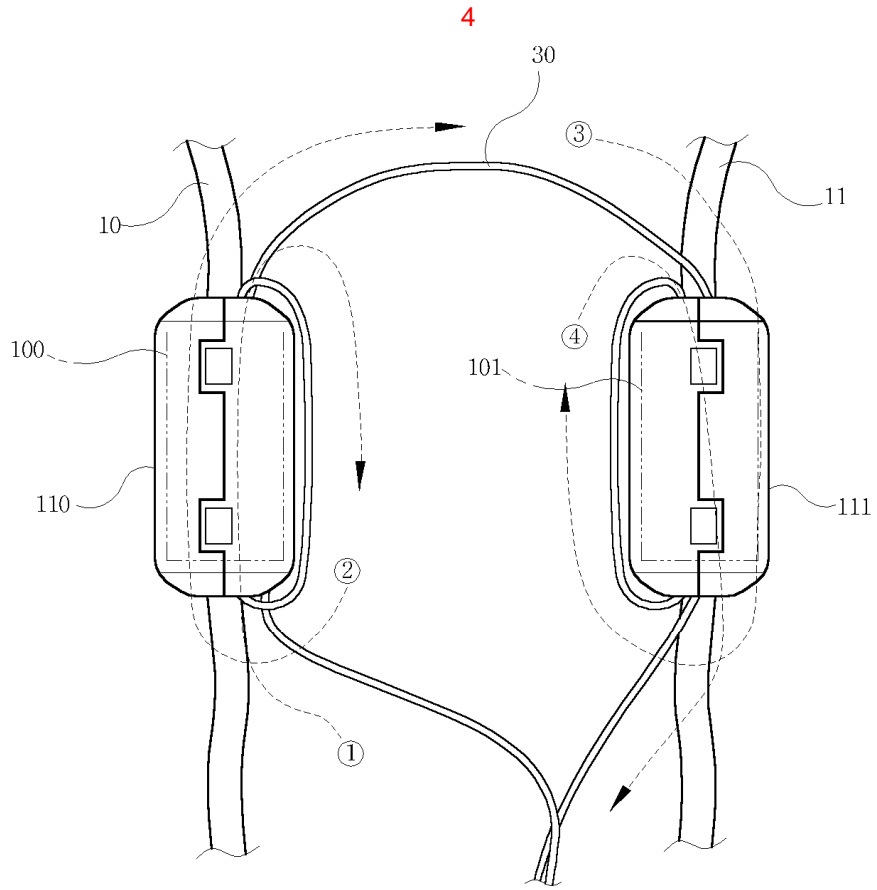


2

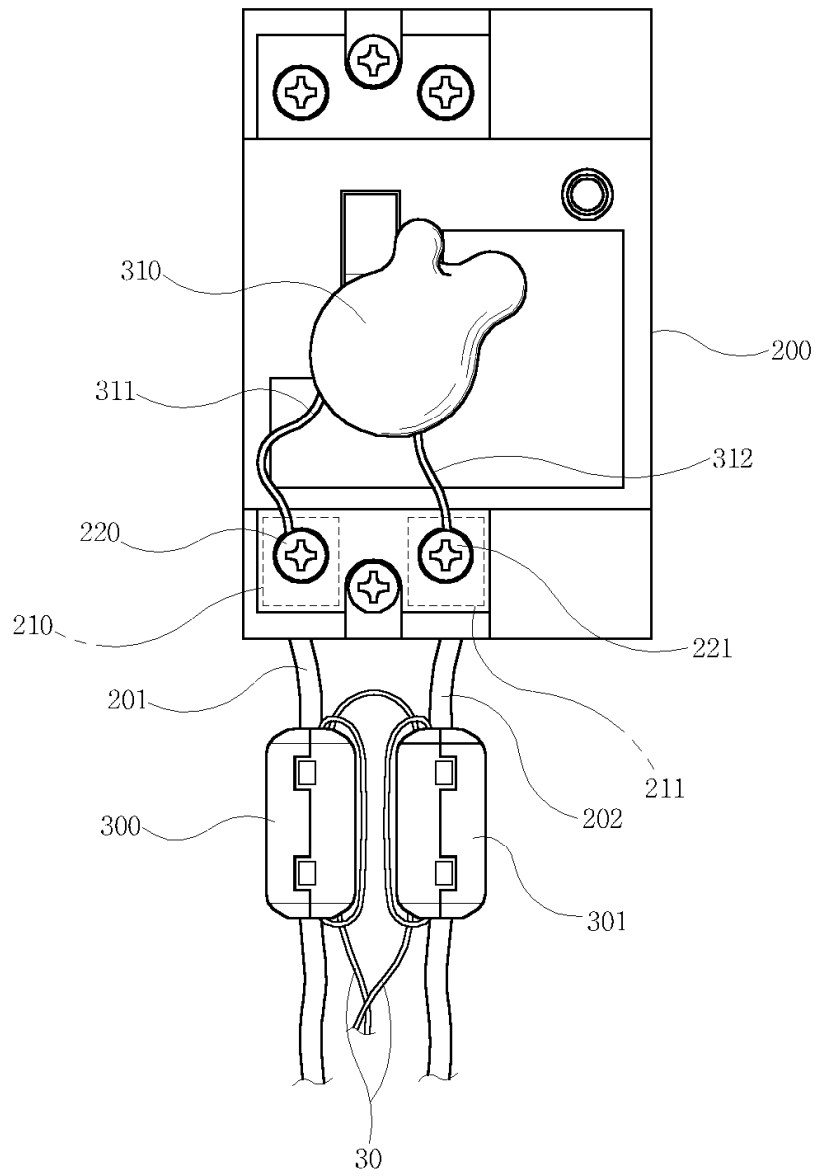


3





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