

(19)
(12)

(KR)
(A)

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(43)

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2002 01 26

(21)	10 - 2001 - 7001423
(22)	2001 02 02
	2001 02 02
(86)	PCT/CH1999/00322
(86)	1999 07 14

(87)

(81)

가

가

가

가

가

AP ARIPO : 가

EA :

EP :

OA OAPI : 가

(30)	98810785.0	1998 08 17	EP(EP)
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(71)

37,	CH - 3000	14
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(72) ,CH - 5507 , 15

(74)

⋮

(54)

PC(10) (11)가 (12) ,
 1MHz ~ 40MHz (11') (12') (12)
 (9)
 가 (1) (11') (12')
 (1) (11') (12')
 se conductor) (neutral conductor) (pha

5

1 (ada
 pter)

가 (encoding) ,
 (decoding) 가 WO - A - 95/19 537

가
 가
 (switch
 ing process) 가

1/4 가
 가

가

(phase) (neutral) , (earth)
 (US - A - 4 614 924). (capacitance)
 가 , 가 . US - A - 5 266 055 (three - pole)
 . 가
 half - loop .

,
 .
 . 가
 가
 가
 (가)
 가
 가 , 가
 .

- 1 ,
- 2 ,
- 3 2 III - III ,
- 4 2 IV - IV ,
- 5 .

(1) (2) (3), (5a, 5b, 5c)

(4)가 (3) (5a, 5b)

(5c)

(3)

(2) (4) (5a, 5b, 5c)

(4) (3) 가 (5c)

(6c)

(7)가 (5

- earth conductor connection -

(6c)

a) , (5a) (8a) (6a) . (8
(2) (6a) . (5b) (8b) (6b)
. (5a) (5b) (8a) (8b), (6a)
(6b) (phase conductor) (neutral conductor)
. (8a, b) 10 μ H
50Hz , 1MHz .

(capacitance)

가

가

가 , 가 1MHz 40MHz 가 10MHz .

PC(10)가 (12) (13), (14),
(15), (16) (12 ') (11 ')
(9) ,
가 (9) PC(10) ,
가 .

(1) (3) (1) (9)
(11 ') (12 ') (4)
(distributor)

1MHz 40MHz (1) (8a ,8b)
PC(10)

(1) 가
(9)
(9)

(1) 가 (phase conductor) , 가 (neutral conductor)
(three core ca
ble)
(three phase)

(57)

1.

(phase conductor), (neutral conductor), (earth conducto
r) 가 , 가 ,
(12) (mains frequency) (9)
(9) (12') (11')
(11') (12') (3) (1)가
(12') (11') (4)
(1) , (9) 가 , (e
arth conductor) 가

2.

1 ,
.

3.

1 2 , 가 1MHz ~ 40MHz

4.

1 3 , 10 μ H 20 μ H

5.

(2) , (5a, 5b, 5c) (12')
(3) 가 , (11')가 (6a, 6b, 6c) (4) 가 ,
(3) (5a, 5b, 5c)
(6a, 6b, 6c) , (5c) (6c) (7)
(5a, 5b) (6a, 6b) (8a, 8b) 1 4 ,

6.

5 , (5c) (6c) (7)가

7.

5 6 , (4)가

8.

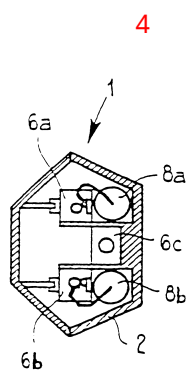
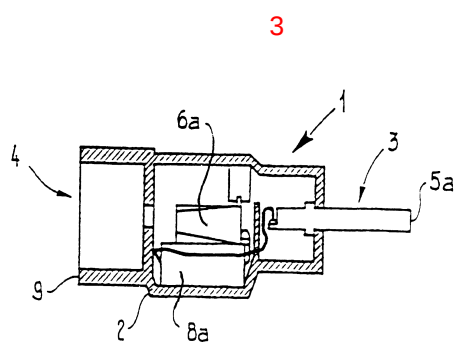
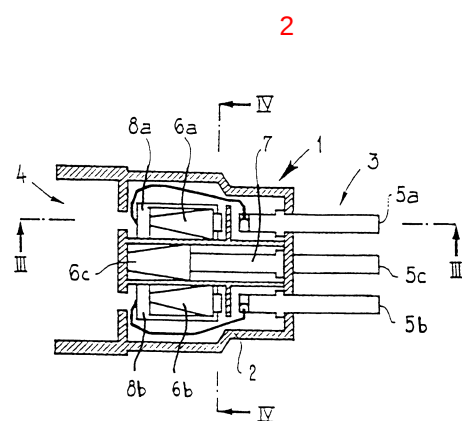
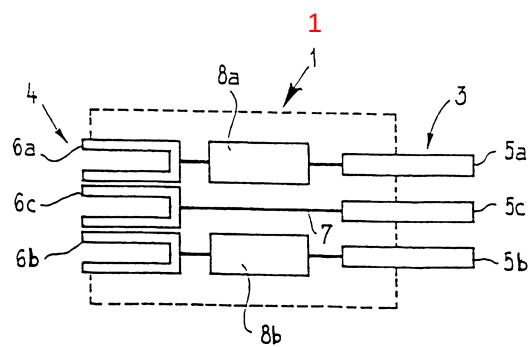
5 7 , (2)

9.

7 8 , (5a, 5b, 5c) (6a, 6b, 6c) (8a, 8b) (
5a, 5b) (6a, 6b) (8a, 8b) (6a, 6b) (5c) (6c)

10.

5 9 , (2)



5

