

2002 08 03

2001 05 17

• •

(54)

(8) , (9) , (2) , (2)
 (9) (8) (9)
 , (9) 95% (11) , (8) (11)
 .

1

, ,
 , ,
 , .

가 .

, ,
 , .

가 ,
 가 .

, ,
 , .

, 가 .

, 1 5,304,883 2 2
 .

2 1 1 , 1

(bore seal)

가

2 가 ,

95%

가

가 가

4,103,197

가

가

가 가

가

가 가 ,

가 ,

가

가

(Litz wire)

(strand)

가 가

가 ,

, , 가

.

496,884 가

.

.

가 . (空洞)

.

, 5 ° 45 ° , 10 ° 30 °

.

, ,

.

, 2 . ,

.

, 가

,

.

.

1 .

2 1 .

3 2 .

4 2 3 .

5 1 , .

6 3 가 .

7 3 , .

8 5 .

9 8 .

10 9 , .

11 8 , .

1 (1) , (1) (2) , (2)
(3) .

(3) (1) (6) 가 (可動)
(5) (4) .

(1) (7) , (1) (2)
(12) .

(2) (8) , (8) (8)
(9) , (8) (1)
(8) .

2 4 , (9) ,
.

, (1) .

(9) (8) (1)
(8) (12) , (8)
(8) (3) (13) .

(9) (8) ,
.

, (9) (19) (18) , (19)
(19)가 (9) . (19)
8 9 .

5 ° 45 ° , (9) (18) 10 ° 30 °
.

(19) 8 10
, (19) , .

(19) 9 , (18A)
.

, (18) .

, (19)가 가
(18) (9) 10 .

, (19)가 (18A) , , 10

(9)

, ,

(9) (10) (8) 3
2 (10) (10)가 (9)

(8) 2 (9) ,
95% 2 4 7
(11)

(12) (9) (11)

, , (3) 5 , (12)
(14) (15)

(9) (9) 가 ,
()가 (7) , 5 (7)

, , 11 , (2)

(18) (2) (18) (2)
(20) , (20)

, (20) (9) ,
(19) (1) (20)

(2) (9) (thermal paste)가

, (9)

(9) 6 7
가 , (9)
(9)

6 Y - , R, S, T, 6 1/2 r, r*, s, s*, t, t*
3 2

6 7 , 6 " " r, r*, s,
s*, t, t* , 4 (9) , (16)
.

가 , (8) (9) 가 ,
(8)

(8) , (9)
.

(9) r, r*, s, s*, t, t* 가
.

(57)

1.

(3) (2) , (2) (8)
(9) , (9) (8)
, (9)
(8) (9) 95% (11)
, (11)
.

2.

1 , (2) (9) .

3.

1 2 , (2) (9) .

4.

3 , .

5.

3 4 , , .

6.

1 5 , (2) (9) (10)
.

7.

, (9)
.

8.

(strand) , (9) (19) (18) ,
.

9.

8 , (19) (9) ,
.

10.

9 , 5 ° 45 ° (Ç) , (9) 10 ° 30 °
.

11.

9 10 , (9) (19) (18)
, (19) .

12.

9 10 , (9) (19)
(18) .

13.

, (3) (12) .

14.

1 12 , (3) (7) 2
(7) (9) (12)
.

15.

13 14 , , (12) ,
.

16.

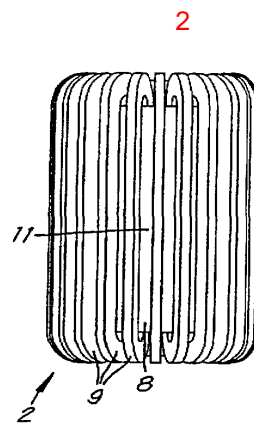
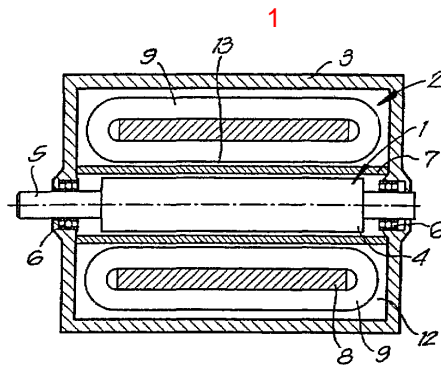
13 14 , (3) (12) (14) (3)
(14) (9) (15) , (15) (3)
.

17.

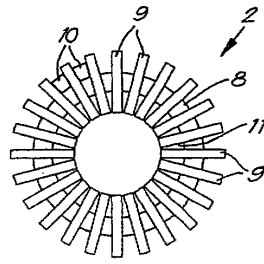
15 16 , (9) (11)

18.

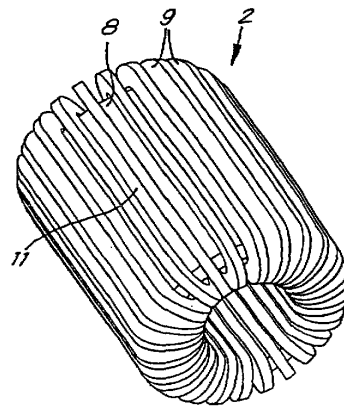
1 14 , , (9) , (2)



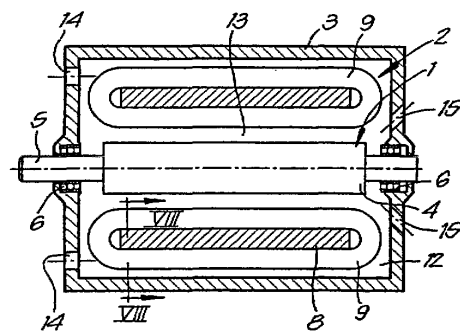
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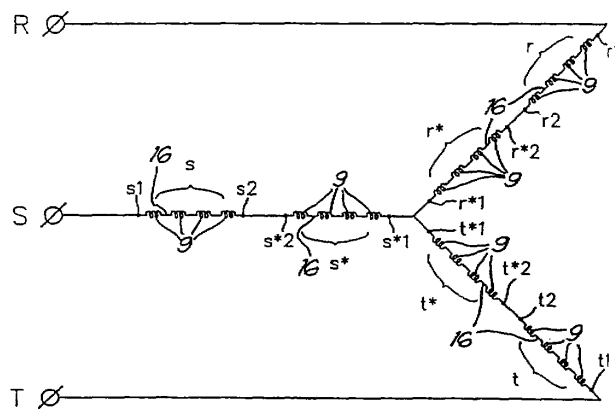
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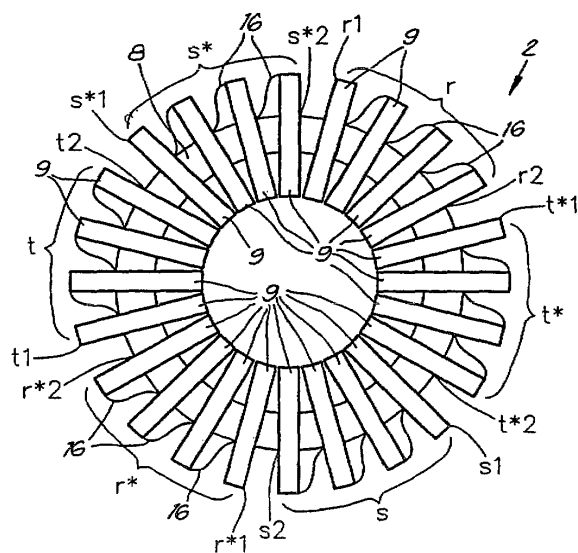
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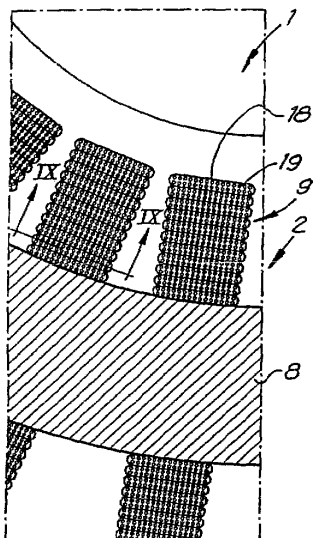
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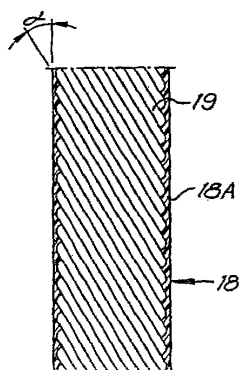
7



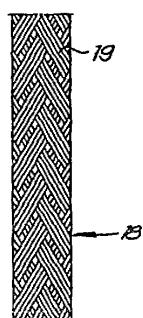
8



9



10



11

