

(19) (KR)
(12) (A)

(51) 。 Int. Cl.⁷ (11) 10-2004-0016888
F28F 3/02 (43) 2004 02 25

(21)	10-2003-7016535		
(22)	2003 12 18		
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(86)	PCT/US2002/019142	(87)	WO 2002/103187
(86)	2002 06 17	(87)	2002 12 27

(30) 09/884,436 2001 06 19 (US)

(71) 03101 340

(72) 03110 15

03045 32

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(74) :

(54)

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(Walker) ' (1980)
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1998 7 14 09/115,381 ,
1a 1e , 10
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, (12) (14)
, (18) (20) 가 , (18) (20)
(12) (22) ((1a , 1 (12) (22) (10) 가
1b (20) 2 , (14) (20) ,
, (24) 1c , 가 가 가
3 () , (22) (10) 가 ,
(22) , 1d (100)
4 (20) (14) 2 , 1a 1e (22) P-V(
-) (18) (20) , (2 가) (134)
(134) , 가 (18)

가

(20)

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1a

1e

2

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4a
4b 4c 4a
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5a 4a 4d
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5c 가 3
6a (fin)
6b 6d 6a , 가
6e
6f 6h 6e , 가
6i 가 3 ,
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7a 7d
8a () ()
8b 816 (1500) 927 (1700)
9
10 9 ,
11a 11b
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13a 13b

(2010) (2008) (2002) (2008) (2002)

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(2012)

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(100) (152) (150) (154) (150)

4d 가 (154)

(1999), TLP (Code) 4218, 6 TLP (TLP)

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(154) (506)

4c, 5a 5b (506)

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2014

, 2012 6)가 가 , (50

(154) (150)

5a
 (502) (120)가
 (502) (504) (506)
 가
 (506) (154)
 (502) (154)
 , 가 ,
 가 가
 가 (2) 가 (113) 가
 (140) 가 가 (506) , (2
 5c) (138) 가 가 (100) (150)
 (506) 5b (506) (138) (150)
 가
 (138) 5b (506) , (138) (138)
 (139) 가 (120) 가
 (506) 가 (120)
 , (138) 가
 가 , (138) 가
 (138) 가 (506) 5c
 가 142) (144)
 0.0254 mm(0.001 inch), 0.127 mm(0.005 inch)
 가 (120) (148)
 가
 6a , 가
 Iconel 600, Iconel 625($T_{max} = 900$), Iconel 754($T_{max} = 10800$) Hastelloy GMR 235($T_{max} = 800$
 935) (2216) (2218) (2200) 가
 가 (2220)
 (1500) 6b (2200)
 가 가 가
 (2200)가 (2218) (2210)
 6d , 가
 가 가 (2202) (2214)
 (2206) 0
 가 가 6c
 (2204)가 , 가 (2204)
 가 가
 , 6f (2304)
 가

[illegible]

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1 2. , , .

1 3. , a. 가 가 , b.

1 4. , , .

1 5. , a. 가 가 , b.

1 6. , .

7. 가 ,

a. ,

b. .

7 8. , .

7 9. , .

7 10. , .

7 11. , .

7 12. , .

7 13. , .

14. 가 ,

15. ,

16. ,

17. ,

18. ,

19. ,

15 20. 19 ,

21. 가 , 가 ,

a. 가 , 가

b. 가 가

22. 가 ,

a. ,

b. 가 ,

23.

가

가

a.

b. 가

24.

18

25.

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가

26.

18

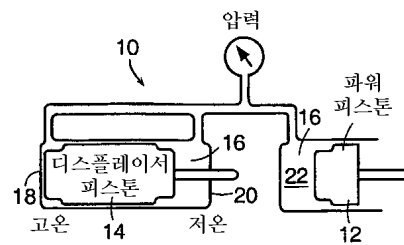
가

27.

18

1a

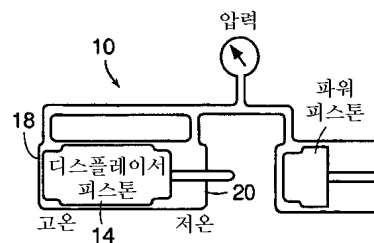
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1b

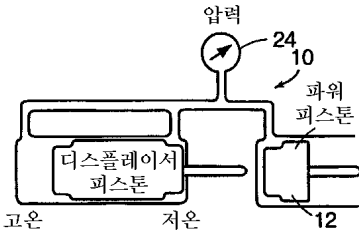
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압축 행정의 종료

1c

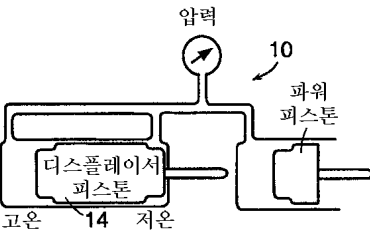
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펌프 행정의 개시 준비

1d

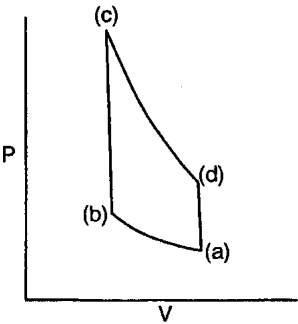
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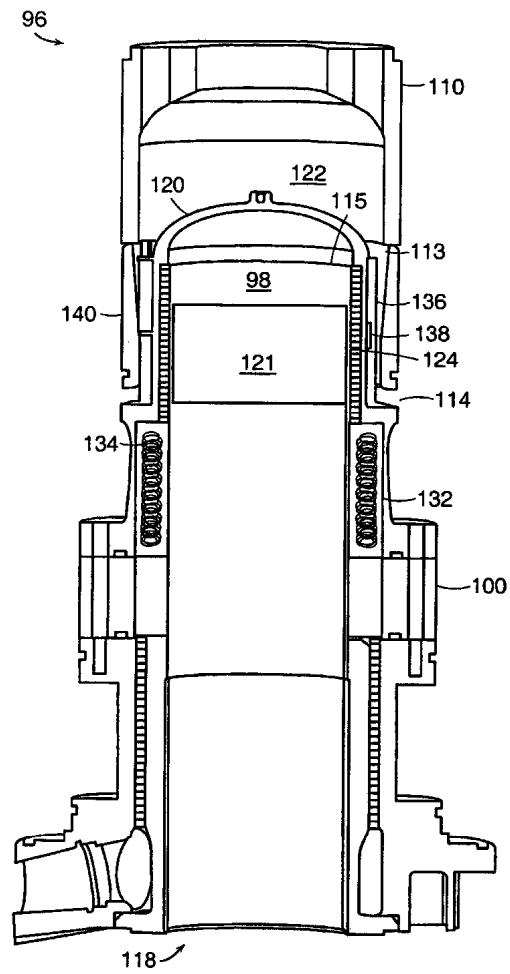
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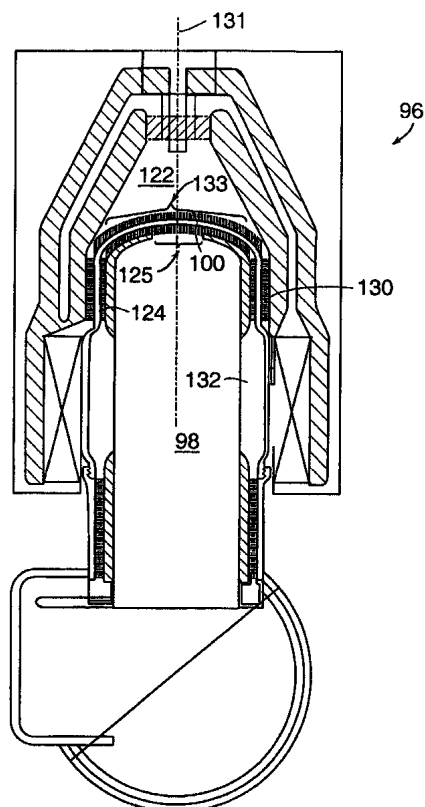
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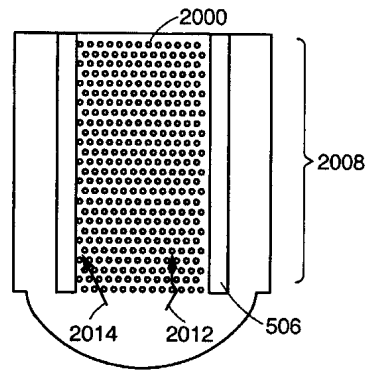
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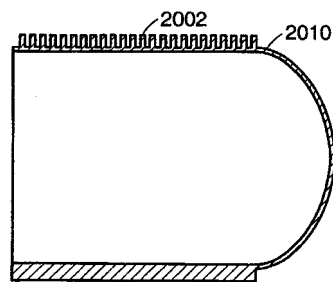
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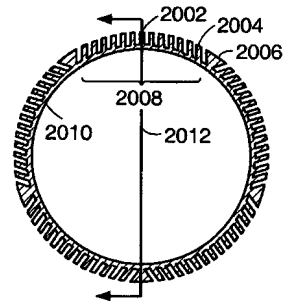
4a



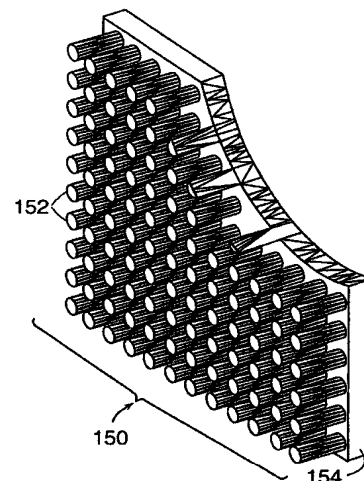
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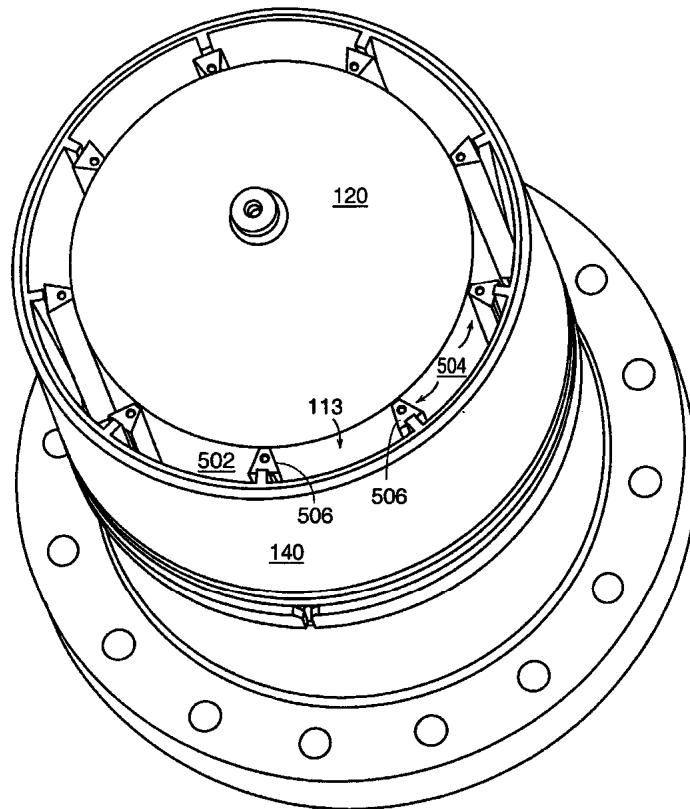
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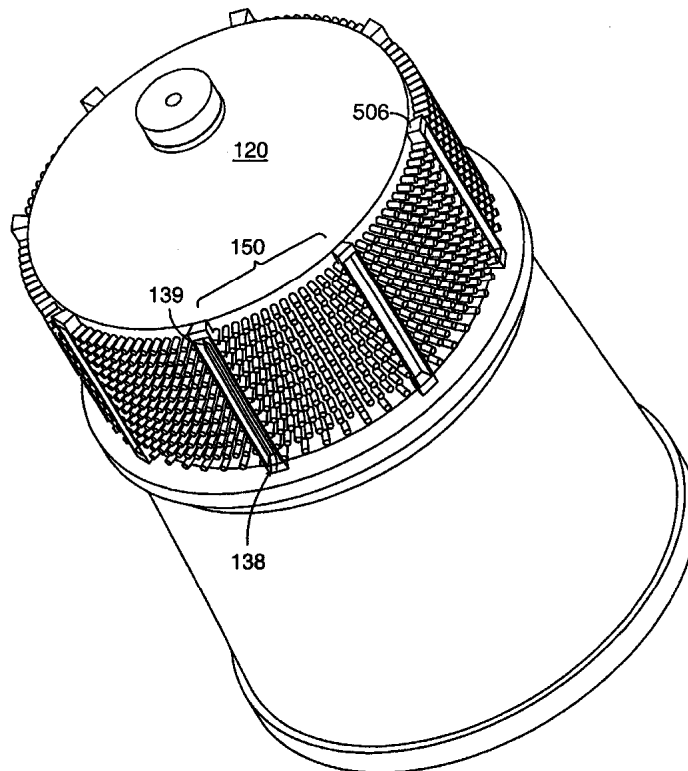
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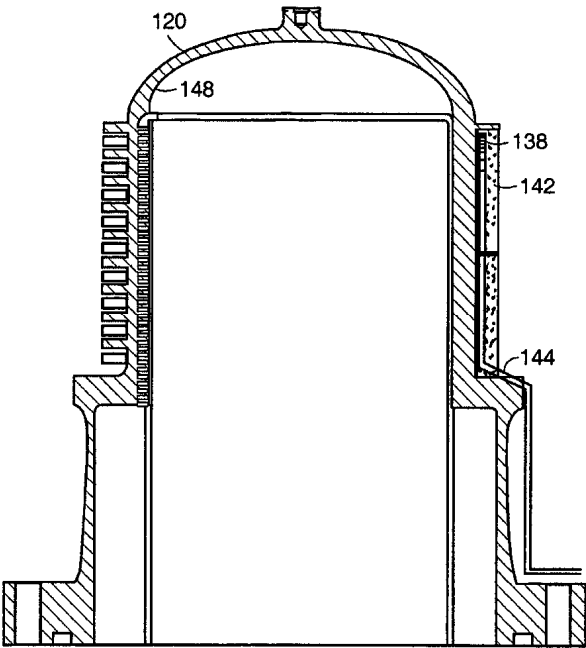
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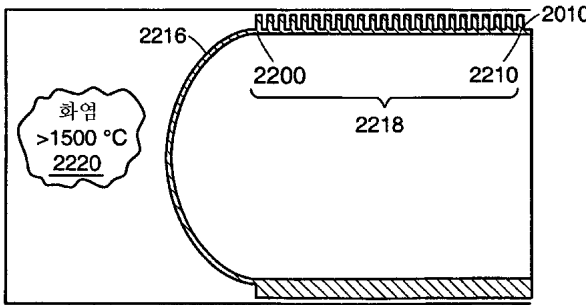
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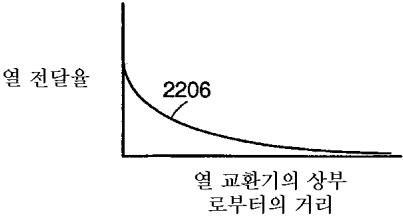
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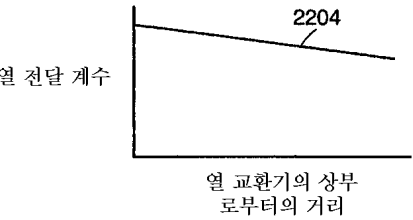
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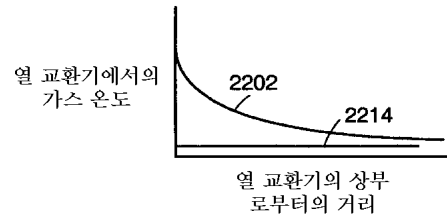
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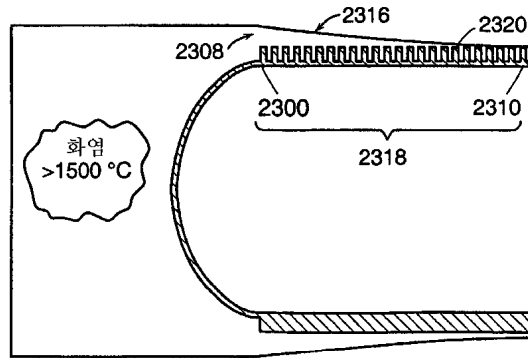
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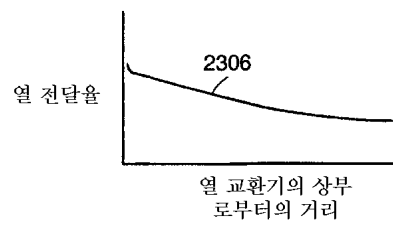
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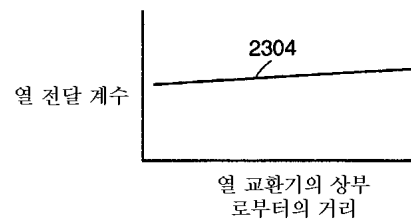
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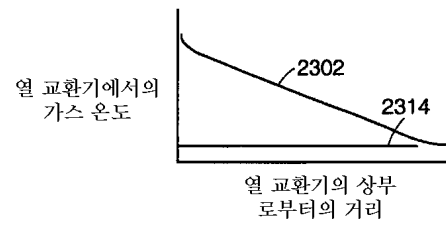
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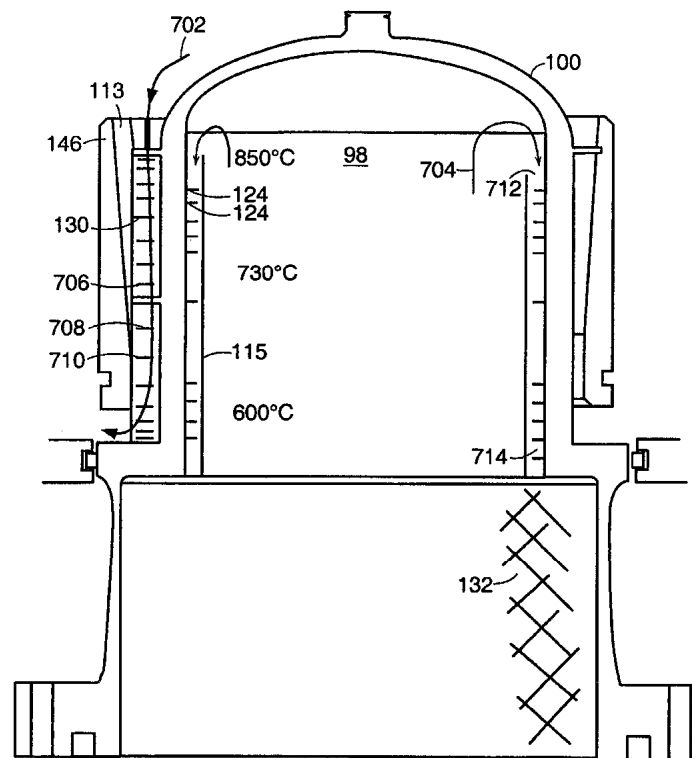
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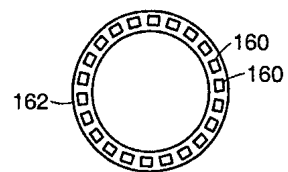
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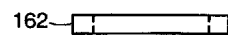
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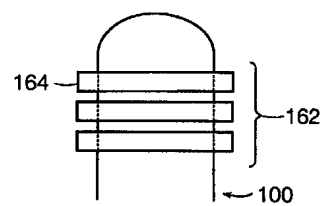
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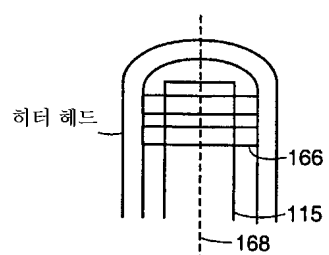
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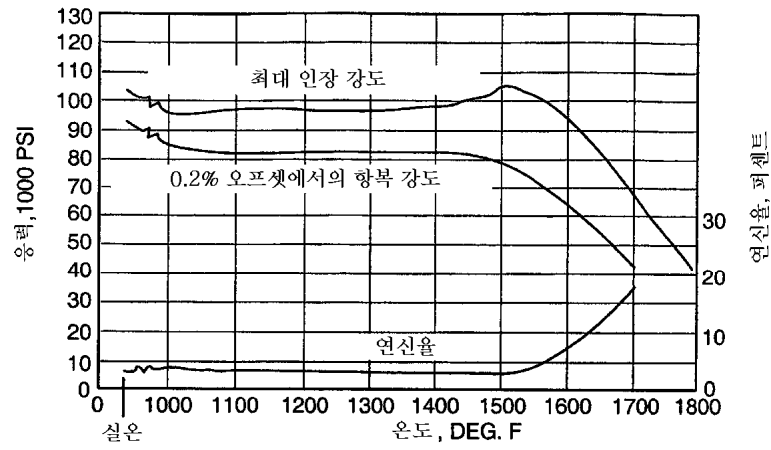
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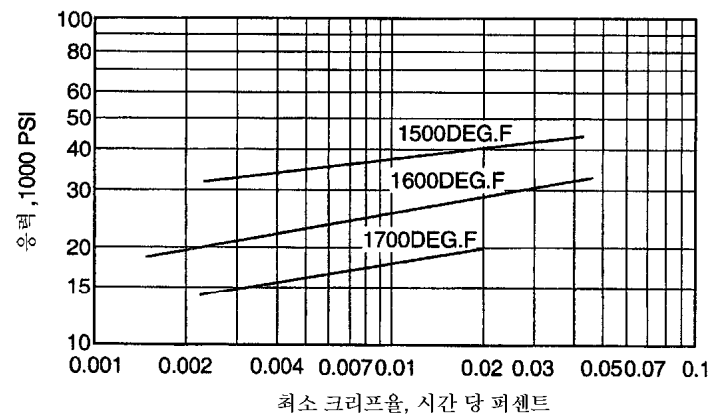
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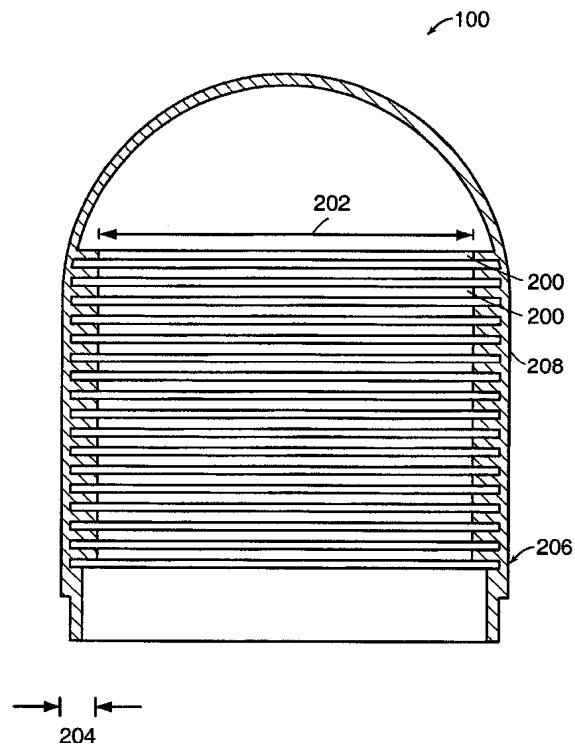
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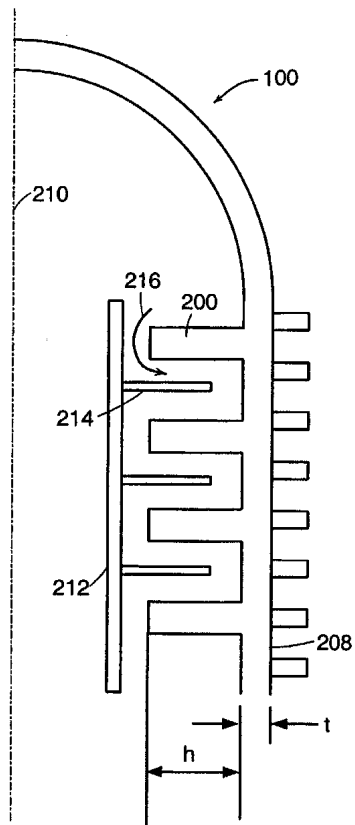
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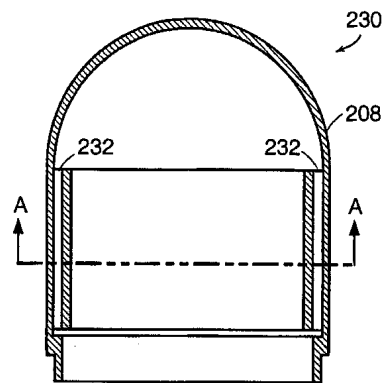
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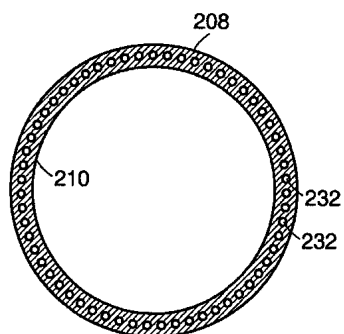
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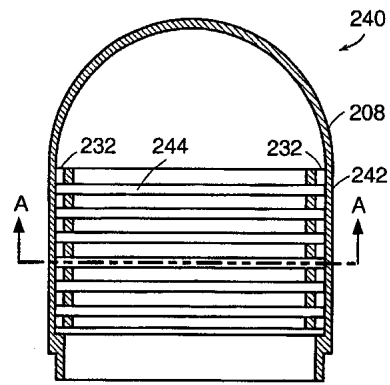
11a



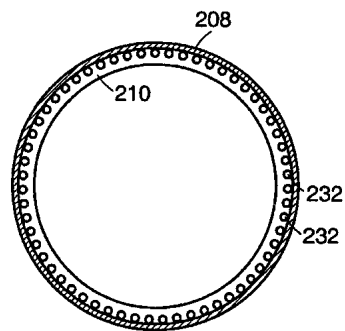
11b



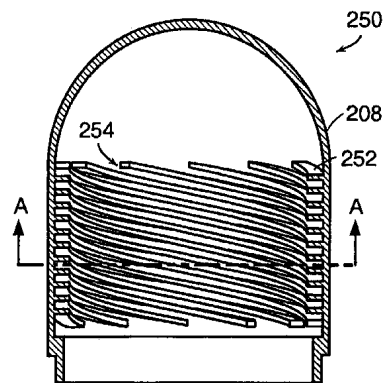
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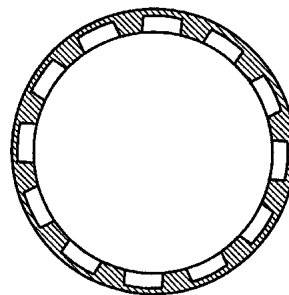
12b



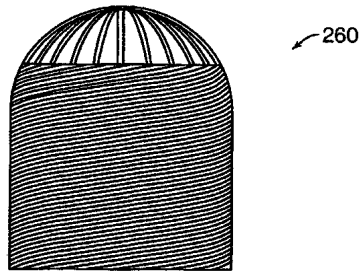
13a



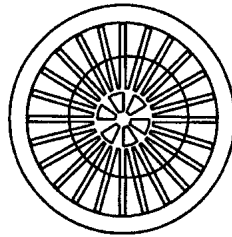
13b



14a



14b



15

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