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(71)

, / 7580, 1454

(72)

77815 / 32

77815 33

88074 15

-
F67400 - 105

77815 47

77815 / 10

77815 21

77815 8

(74)

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(54)

, 가 .

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2

8

9

12

13

13a

13

14

가

15

14

A - A

16a

20b

가

21

3

22

21

B - B

23

24

25

8

26

25

Y

27

X

25

Y

28

W

25

Y

29a

29k

30

31

2

32a

32b

31

C - C

33

가

34a	34b	33	D - D	.
35			가	.

가 (力線) 가 ,
가 .

가

(力線)

가

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8

400

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300

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50mm

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10

30mm

가

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ATF

가

0.2 20mm

, 0.5 1mm

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0.3mm

0.15mm

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33%
1:10

95%,
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50%

91%

2:1

1:20

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1:1

가

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(tongue)

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3

36

9

24

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(力線)

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CVT -

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1 35

1 (1) , (2), , 가
 (3) 가 (4) (5) (1) (4)
 (5) (4)
 (4a)
 (5) (6)
 (6) (7) (7)
 , 가 CVT - (8)
 (9)
 (10)가 (10) (11)
 (12) , (throat)

(5) (13)
 (4) - (6)
 (7) 가 (16)
 가 (16)
 (14, 15)가 (14, 15)
 가 (16)
 가 (17, 18)
 (19) (16)
 7) (18) (13)가
 (16)
 (13) (20)
 (13)가 가 (19a) (18)
 (19b) (20) (20a) (20a)
 (20, 20a)
 (19)가 (14, 15) (17) (18)
 (17, 18)
 (21)

(14, 15) 가 (21) (14,
 15) (17, 18) (19a, 19b)
 (22)가
 (4) (7)

. (22) (4, 7) , (17, 18)
 , (14, 15) , (14, 15)
 14, 15) .
 가 , 가 가
 (14, 15)가 (4, 7) 가 , (22)
 14, 15) , 가 가
 , (17) (13) 가
 , (19) ,
 , .
 (23, 24)가 (1) ,
 가 ,
 가
 , (23) , (1
 3) (7) 가 , (16)
 (7) (力線) , (6) (24) (6)
 , (7)
 가 , (24) (24)
 (13) , (16) (6)
 (7)
 (23, 24)
 가 가 (25a, 25b, 25c, 25d) 가
 (22) (1)
 가 (23, 24) (25b, 25a)
 (25c, 25d) , (25b)
 , (6), (4a), (4a)
 (25c)가 (23) (24)
 가 , (16)
 (6) (4a) (25a, 25d)
 (23, 24) (25b, 25c)
 (24) (16) (6)
 .
 2 (101) . - (103)
 , (103) (126)

, (103b) . (126) , (126a) (126)
 , , 가
 (126a) (103b) (101) (104b)
 , (126)
 . (104b)
 , (104a) (104b) (104a) (104b)
 , (104a) (104b) , (104b) (126)
 (126) (103) .
 (104b) (103)
 (104) (104a) ,
 ,
 (104a) ,
 (104d) 가 , , Hirth -
 , (126)
 (104b) 가 (126b) . (101) (104a)
 가 (126) (126)
 , (101)
 (104)
 , (126) (104a)
 . (104c) (126) (107)
 , (104b) (126a)가 가 ,
 가 가
 (104)가 (126)
 (103) (103) 가
 , (126) 가
 (103a) 가
 (104a) 가 (103)
 (107) (104a)
 ,
 ,
 .
 (104a) (105) (105a) , (101)
 . (105a) (105) , - 3
 , (104a) (104a)
 (104e) . (111)
 (108a) . (105) (110a)
 (110)
 (105) - - 가
 - 가 (106) (110)가 (106) (106a)
 , (107) , (107a) , (110b)
 (110) .

(106a) (116) (113) 가
 , (106c) ; (106) (115) 가 ,
 (106b) (116) . (116) (114)
 , 가 (113) . (1
 가 (104) (122) 가 (113) .
 22) 9 13 .

(116) (104a) (117, 118) ,
 (113) (122) (108a)
 . (101) (118) (119a) (117)
 (104e) (118) (108a) (107)
 (中空) (107a) (108a) (107) (108b) 가
 (119b) (107) . (108a) (107) (119b) (118)
 .

(117) (118) 가 (116) , ((1
 114, 115) 가 (121) (114', 115') , (1
 04a) (104) (116) . (117) (114, 11
 5) (105) (106) (106a)
 (107) (113) (116)
 (106a) , (107) .
 가 (123) (123) (106a)
 , (116) ,
 (123a) (123a) (123b)
 , (106a) (123)
 (123c) (123b) (123a) , (123
 a, 123b) ,
 가 . (123a, 123b) 가
 , 가, (123a, 123b) 가
 .

(101) (104f) (103) , (104a)
 , (104) (104g) ,
 (104) , (103) (103c) . (107)
 (103) . (1
 03a) (104f) .

가 (104g) , (104f) (104a)
가 -
가

3 1 (101) (213) (201)
(216) 가 (204)
(216a) (216) (216a) (216) ,
(204) (204) (204h)
(216) 가

(206a) (216) (206d)
(213) (204)
(223d) (207) (204h)
(215a', 215b') (214a', 214b')
(223) (223a) ,
(223) (223b) (206a) , (223e) ,
(223) (223)
1 (123)

(216) 가 가
(222) (214a, 215a) (214b, 215b)
22 25

4 (301) 3 (201)
(313) (323)
(313) (323a) (306)가
(323) (306a) (323d) (306) (323e)
(306a) (313) (323a) (323a) (323c)
(323a) (306a) (306f) (306a) -
(306a) (306f) (307b)
(306g) (306a) (306f) (323)
(323b) (306f) (307b)
(306h) (306a) 가

(306h)

(323c) (323a, 323b) (323b') (323a) (323b'')

(323d) (306g) (323b) (323b') (323b''') (3

23b) (323f) (323d) (323a)

(323c) , 가

5 6 (401, 401a)

(406), (410) (404) (405)

(416c) (413)가 (416) (406a)

(416b) , (416d) 가 (406a)

(416b) (406)

가 (406)

(416) (404a) (414, 415) 가

(414', 415') (415)

(404a) (404i)

(414, 415) (416) (404i)

(413) (422)

X가 X22

(404i) (404a) 2 (104)

(413) (401, 401a) 1

(1, 101, 201, 301) (413) (417)

(422) (418) (417)

(417) (418) (413)

(418) (417)

(413)

(413)

(406a) (416) 가

(413) 가

(418)

가 가 , (414, 415)

(401, 401a) 가 (427a, 427b)가 가 (427a, 427b)

가 가 (404i) , 가 (427a, 427b) (406)

(428a) , (428a) 5 (406)

(428a) , (406) (42

8) (406) (427a) (406') (428a)

(414, 415) , (418)

(404i)

(414, 415)

(401a) (427b) (428b) (428c)

(428c) (428

c)가 (406) , (406)

가

7 (501) (504a)

(504f) (504) (507c) 가

(507c) (中空)

(507) (516e) (504a)

(504f) 가 (504f) (518a) (516

e) (516e) 가 (507) 가

(516e) (506i) (516)

(506a) (513)

(516) (504a)

(504k) (504i)

(504a)

(514a, 514b, 515a, 515b) (523d) (530)

(514a, 514b) (523d) (523d) (523) (506a)

3 (223) (516)

(513) (516) (522) (

514a, 514b, 515a, 515b) (517, 518) (5

13) (518a) 가 (513) (518)

(513) (518a)

(504p) (504e)

(504n) (507) (507c) (507e, 507f)
 (504l) (518a) , (518a) (507c) (507d) , (118a)
 518) (518a) (522)가 (517, 518)
 (517) (504p') , (501) (517) 가
 (504e) (504o) (504g) (506a)
 0) (518) (504r) (504e) (517) (53
 (504m, 504d) (504e) - (507)
 , CVT - (504e) (519a)
 (504p, 504p') 가 (507c) (507)

(516e) 가 가 (518a)
 (522)가

(522)

가
 가 ,

8 (601) 가 , (601) 1 (101)
 (614', 615') 가 (616) (622) 가
 (614, 615) (629) 가 (616) 14 15 (16a) (16b)

9 12 2 (122) X(9) X(12) 9 X(9)
 (113) (104k) 가 , (104)
 (130) 가 (104) (116)
 (114) (116) (115') (115)
 (113) (114, 115)
 (130) (130)
 (130) (113)가
 (114, 115) 가 가
 , 가 (130)
 (113) (114, 115)
 (22, 122)(1, 2)
 (130) , 가

(130) I 가 13 (104)
 10mm < I < 50mm , (130) I (115)(9)
 . (130) 가 .
 (130) I , t b 1
 3 A - A 13a t b (130') 가
 (130) (104) b 0.2 20mm , 0.5 1m
 m , t 0.3mm , 0.15mm
 (130) , (130) (130a)(13)
 (130) 가 가
 가 (130) 가 가 가 .
 (130) . 8 400 , 100 300
 가 .
 13 (130) 가 , , 9
 (130) . 10 X(10) (104) ,
 (104) (130c)
 (114) . 11 X(11) (104)
 (114) .
 (114) (104)
 (130e) . (104)
 114) (104) .
 2 (101) X(12) ,
 , , ,
 (115) 가 , (116) (114) 가
 (113)가 , (131)
 . (131)
 (131) (104) , (116)
 (131a) , 가 , (114) (104) (104)
 , (131) , (116)
 .
 14 (629) (616) (629) 가 8 (616)
 . (629) (629a)
 , (629)
 (616) (629c) (629)
 (629b) , (615) , 15 A1 - A1

(629) (629b) 가 (616)
 (629)
 , (629b) 가
 , , 가 , 가
 .

8 (622)
 (614, 615) , (601)
 16a 18a .

(621) , (614') 16a (614', 615') 가
 (629b) (629) 가 (616)
 (614) (614') (629b) (604)
 (630) .
 (616) (629b) (614, 615)
 (618) 2 (118) (618) 2 (117) (

617) (616)
 (629) (617)
 (614, 615)
 (629) 16b
 (629b)
 (630a) , (630a) (629b) 가 , (629)
 (629) (618)
 (630), (630a) (629b)
 629) (622)(8) (630, 630a)
 (629b) (630, 630a) 가 ,
 , 가 (629)
 (630, 630a) (629)
 (629b) (630, 630a) 가 ,

17a() 17b() (629)가 (616) , 가
 (615') (616) (613a) 16a 16b (613)
 . (615') (616) (629b) (629')
 . (630, 630a) (104) ,

18a 18b (613, 613a) (613c)
 가 , (613c) (604) (616)
 (614') 가 (629) 가 (629) (604)

3 (213) (213a, 213b) 가 가
 19a 20b (216) (216a)
 , (216a)가, 7 (204)
 19a 20b (213a, 213b)
 가 , (213a, 213b)
 (214a, 214b, 215a, 215b) 19a (214', 214'')

, (201)(3) (206a) (223d) .
 (229) (215a) (216) (229b) .
 19a (230) (229) , (218) (216a')
 , - (230a) - (204) (215b) (215a) (229)
 (229b) (214', 214'') (223d) 가 (214'')
 19a (229) 19b (229c) .
 (229) 16a (230) (230a)(19a)

20a 20b 19a 20a (229)
 (230, 230a) (216) (214')
 , 19a (229c) 19a 20b (2
 14a, 214b 215a, 215b) (214', 214'') (230, 230a)
 (229) (214', 214'') (230, 230a)

21 (201) (223d') ((216a)
 213d)가 , (204) (216) 가 (204)
 (216) (214', 214'') (223d') (223d')
 (214', 214'') (230b) 22 B
 - B (214') (204),
 (223d'), (214'') (216) (223d')
 (232a, 232b) (233a, 233b) (214'')
 (233a) (214') (232a) , (214') (233b)
 (214'') (232b) (232a, 232b)
 (217, 218) (222) .
 가 (214', 214'') (232a, 232b) 가 (232a, 23
 2b) , , (613a, 613b, 613c)

23 24 12 X(12) (113) (231
 a) 12 , (214', 214'') ((214', 214'') 가
 223d'') (213) 가 (216) (204)
 (231a) , (213b)
 . 24 가 (215, 215a) (214',
 (223d''') (214', 214'') (231b) .
 214'') ,

25 2 (116) 8 (616) (616d) , (614, 615)
 가 (614', 615') (621) 가 (613d)
 . (122) (622) 가 (617, 618)

(616d) (629b)
 , (630d) (614') 8, 16a, 16b
 (629) (629b) (616d) (618)
 (604) (616) (629b) (630d)
 (617) (618) 가
 (614') (616d) (6
 13d) (618) 가 , (6
 29b) (630d) , (629b) (630d)
 가 25 (635)가
 (614')
 (613d) , (629b)

26 (629b) (635) Y , 27 26
 V X , 28 25 W (635)
 가 (635a) , (616d)
 (635b) (635a) 가 (635a)
 , 가
 (613) (635) (629b) 가
 (635a) 가 (614')(25)
 (604) (618) (635a) , (616d)
 가 (635a)

(122, 622, 622a)(2, 8, 25)가
 가 (604) (616d)
 가
 가
 가 17 20b

29a 29k (636a 636k) 가
 16a, 16b, 19a, 19b, 20a, 20b (214', 214'', 614')
 (636a' 636k') (622, 622a, 8 25) 가
 (636a'' 636k'') (622a)
 25 (636a' 636k') (636a''
 636k'') 29a (636a) (629b, 229b)
 (636a', 636a'') , (629b, 229b)(
 16a, 25, 19a) , 29b (636b') (636b'')
 (629b, 22b) (636c) (229
 b, 629b) (636c', 636c'') 29d (6

36d) (636d', 636d'') , (636d') (636d'')
 - - 29e, 29f, 29g (636e', 636e'', 636
 f', 636f'', 636g', 636g'') 가 (636e, 636f, 636g)
 (636e, 636f, 636g) ,
 (29f (636f)), (29g (63
 6g)), 가 ,
 (636e') (636
 e'') (29e), 가 . 29h 29i (636h',
 636h'', 636i', 636i'') .
 가 (636h, 636i) . (636h', 636h'', 636i', 636i'') .
 29j (636j', 636j'') 가 (636j) ,
 (636j) (229b, 629b)(16a,
 25) 29k (636k, 636k'') 가 (636k) ,
 , (636k') 17a, 17b
 , - (604) (616) .

30 (722) (722) 가 (701) .
 (713) (722) (713)
 (716) (704)
 (706) (716) (713) , (7
 03) (706a) (737)가 ,
 (706) ,
 (737) (737b) - (704) , (704
 f') (704f) (737c) (704)
 (737b) (738) , (738) (741)
 (741) (739, 740) , (742, 743)
 (739, 740) (706a) , (719a) ,
 (719b) , (704) (706)
 180 ° (706a) (7
 704) (742) (743) 가 (741)
 (740) (743)가 (741) (739) ,
 (704) (737b)가 (706a)
 (743) (742) (739) (743)
 , (742)
 (713) (704) (706a)
 (713) (742, 743) ,
 (706) (705) (704) (706a)
 , 가 가 .

(713) (714, 715)
 (742) (744)
 (742) , (718) (745) (716) (744)
 , (706a)

(716) (716) (716) (723) (723g)

(744) (716) (729b) (723g) 가

(729b) (714, 715), (714') - - (73

7) (742), (745) 717 717

(719b) - 29a 29k

(729b)

(718) (719a) 가

31 32b 30 31 3

, 32a 2b C - C (837) 가 (816) (837)

1 30 (737) (816) (804) (814') (816) (8

16) (804) , (814') 32가 (837)

(816) (839a, 840a) (839, 840) (839a, 840a)

(839b, 840b) (839c, 840c) (839a, 840a)

(837c) 가 (838) 가 (837b)

(839a, 840a) (837)가

(804) (814')

(839, 840) (830, 830a)

(816) (804) (8

30) (830a) (839, 840) (830, 830a)

29a 29k 가 (816) (814) (81

4) (839, 840) , (830, 830a) (804)

32a (822)

(118)(2) (830) (838) -

(841) , 가 (830)

(838) (841a)

(117, 22)

(840) 32b ()

839, 840) (830a, 830) , (839) (830) , (840) (830a)

32a (830a) (841) , 32b (830)

(830a) (840) (841)

(841a) 32a

(804, 816)

813(31) (838)

33 (914', 915')가 (913) 가 (901) ,
 (901) 2 (101) (901) (9
 16) , (951) (904)
 (950) (950) ,
 (951) (950)
 가 (952)
 (904) , (950) (951) (913)
 34b (904) (950) D - D
 (916) (904) , (951) (904)
 (952) , 34a
 (904) (950)가 (917) (9
 53) , (918)(33) ,
 (914) (913) (9
 50) (951)

35 (1001) , (1001) 1
 (22) 가 (1013) (1014', 1015')
 (1015, 1014) (1013) (1061) , (1004)
 (1060) (1016)
 (1014, 1015) (1062)
 (1004) ,
 (1064) 가 (1063) (1065)
 (1065)
 (1004) 가 , 가 (1004h,
 1063a) 가 (1065) 가 (1061)
 가 , 가
 (1060) 가
 (1062)

('0'
) 가
 가

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(57)

1.

가

(力線)

가 ,

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2.

(力線)

가

가

, 가 가 .

3.

1 2 , 가 .

4.

1 3 , .

5.

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6.

5 , .

7.

1 5 , .

8.

7 , 가 .

9.

4 8 , .

10.

4 9 , .

11.

4 , 9 10 , 가 .

12.

1 11 , , .

13.

12 , .

14.

12 , .

15.

12 , , .

16.

1 15 , .

17.

1 16 ,

18.

1 17 , 가
가 , .

19.

18 , , , .

20.

18 19 , .

21.

1 20 , 가

22.

4 21 , , ,

23.

22 , .

24.

22 23 , .

25.

22 23 ,

26.

22 25 , 가

27.

22 26 , 10 400 , 100 300

28.

22 27 , 가 10mm 50mm , 10mm 30mm

29.

22 28 , 가 0.3mm 0.15mm

30.

22 29 , 가 0.2mm 20mm , 0.5mm 1mm

31.

22 30 ,
가 2:1 1:20 , 1:1 1:10 .

32.

22 31 , 가

33.

22 32 ,
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34.

33 , .

35.

33 34 , .

36.

18 20 , 33 35 ,
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37.

4 , , .

38.

37 ,
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38 , , , ,
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37 39 ,
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41.

18 , , .

42.

41 , 가 .

43.

37 42 , 가 , .

44.

37 43 , .

45.

, 가 가 , , .

46.

45 , 가 , 가 .

47.

45 46 , .

48.

45 47 , , .

49.

45 48 , .

50.

45 48 , ,

51.

45 50 ,

52.

51 , , ,

53.

51 52 , 가

54.

51 53 ,

55.

51 54 , , , 가

56.

45 50 , , , , 가

57.

45 50 , , 가 ,

58.

56 57 , 가 가

59.

56 58 ,

60.

56 60 , 가

61.

60 , 가

62.

61 , 3 36 , 9 24 가

63.

61 62 , 가

64.

45 50 , 50 62 , 가

65.

57 64 ,

66.

57 64 ,

67.

65 66 ,

68.

67 , .

69.

68 , .

70.

69 , .

71.

56 70 , .

72.

45 71 , .

73.

1 72 ,
가 , .

74.

73 , .

75.

74 , 가 .

76.

73 75 , .

77.

1 76 , .

78.

1 77 , , , .

79.

1 78 , 가 .

80.

79 , .

81.

79 80 , .

82.

79 80 , 가 .

83.

79 82 , .

84.

79 83 , 가 .

85.

79 84 , 가 .

86.

79 85 , 가 (對流)가 .

87.

86 , (對流) 가 .

88.

77 87 가
(氣相)

89.

1 88 ,

90.

89 , , 가

91.

89 90 ,

92.

89 91 ,

93.

89 93 ,

94.

93 , (外車)

95.

1 , 가 ,

96.

95 , 가 ,

)

97.

96 , 가 가

98.

96 97 ,

99.

95 , ,

가 ,

100.

99 , , ,

101.

100 , .

102.

99 101 ,

103.

가 가 ,

104.

103 ,

105.

103 104 , .

106.

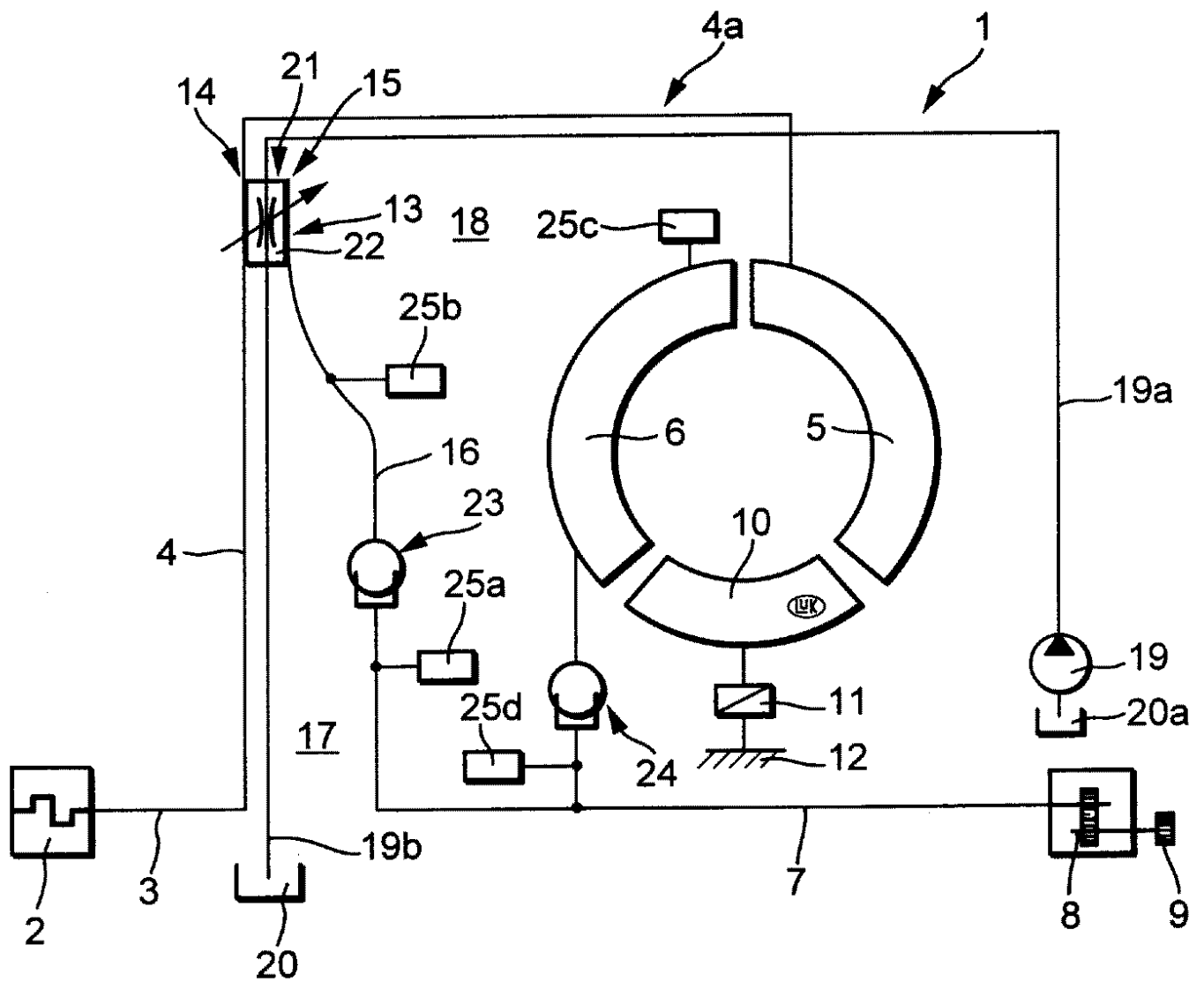
103

105

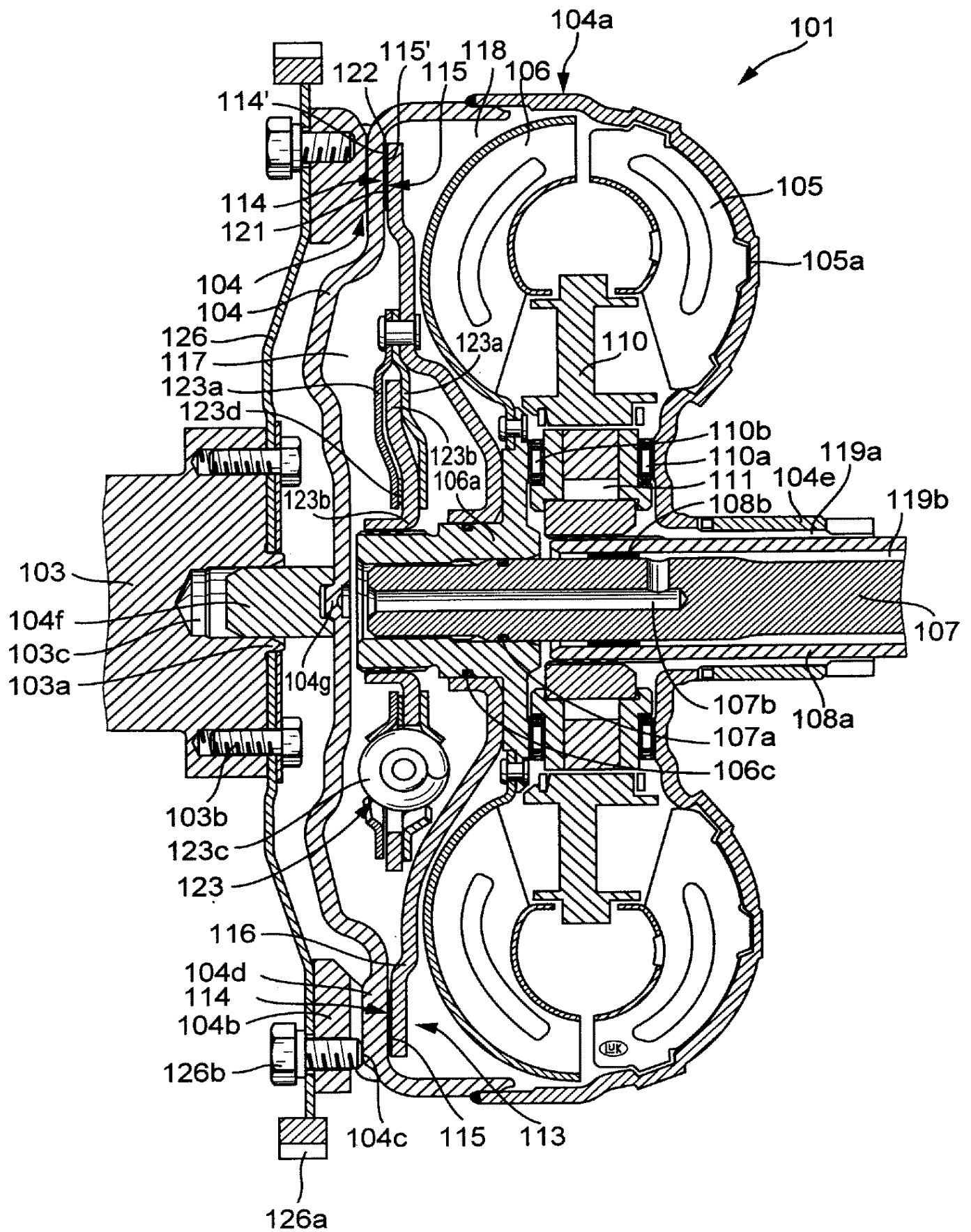
107.

가

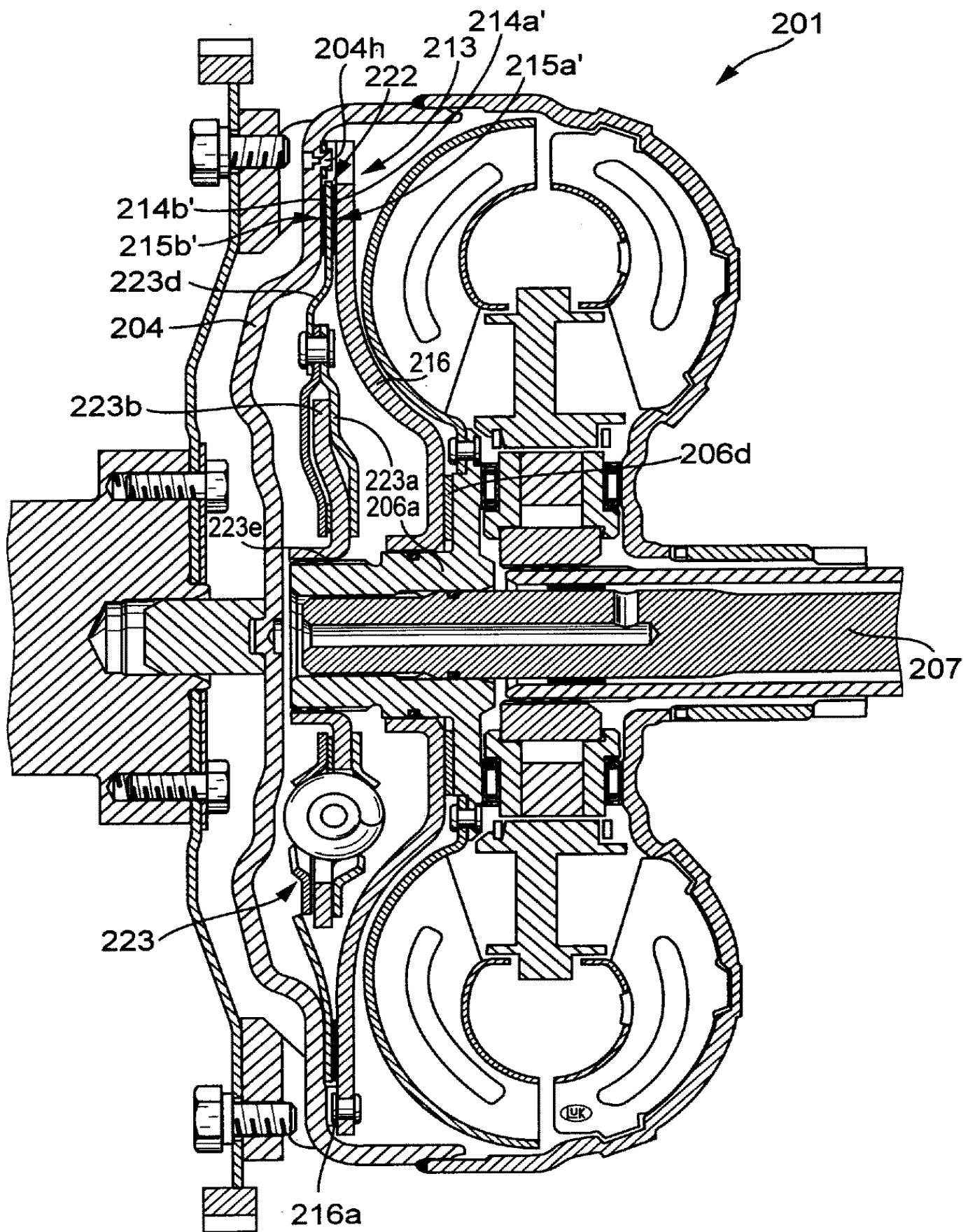
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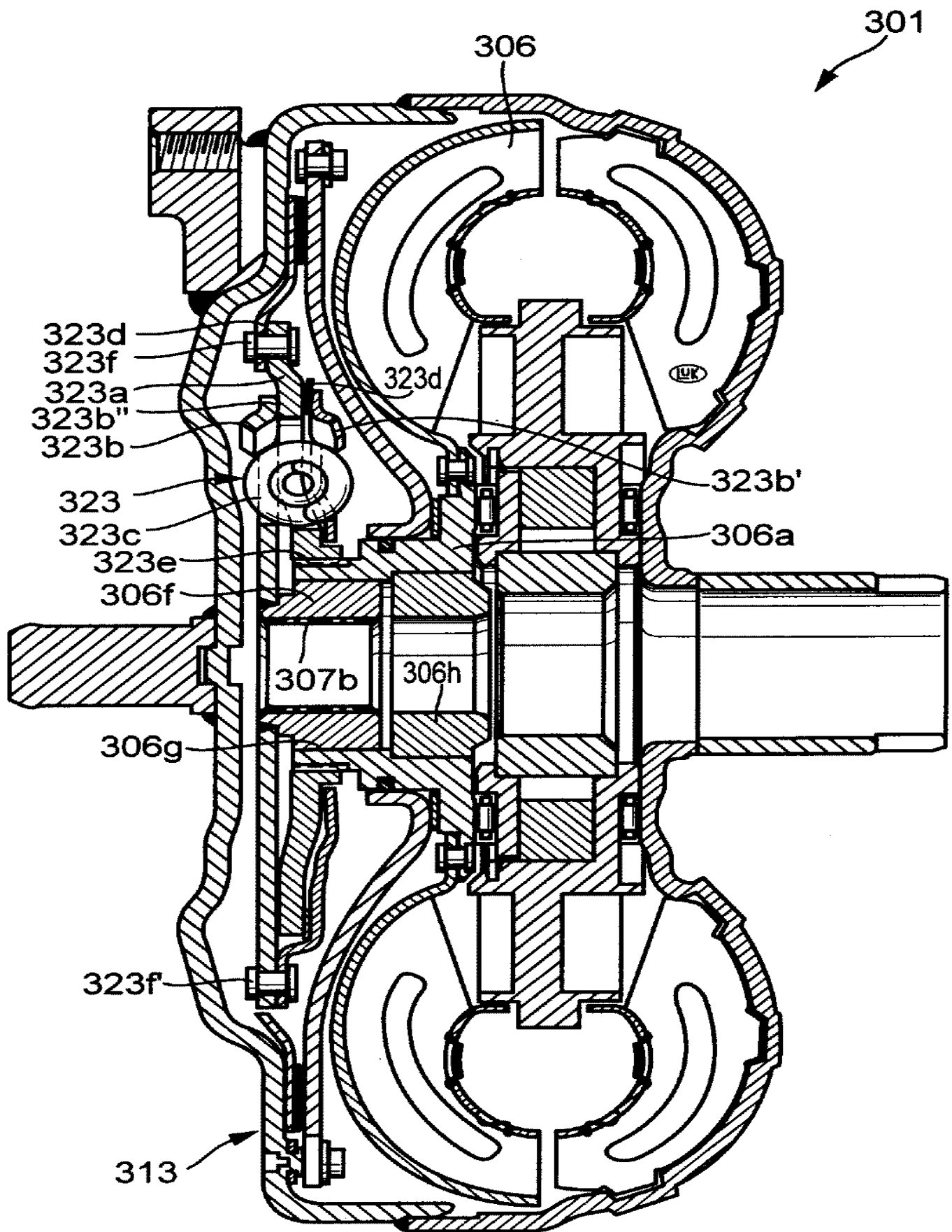
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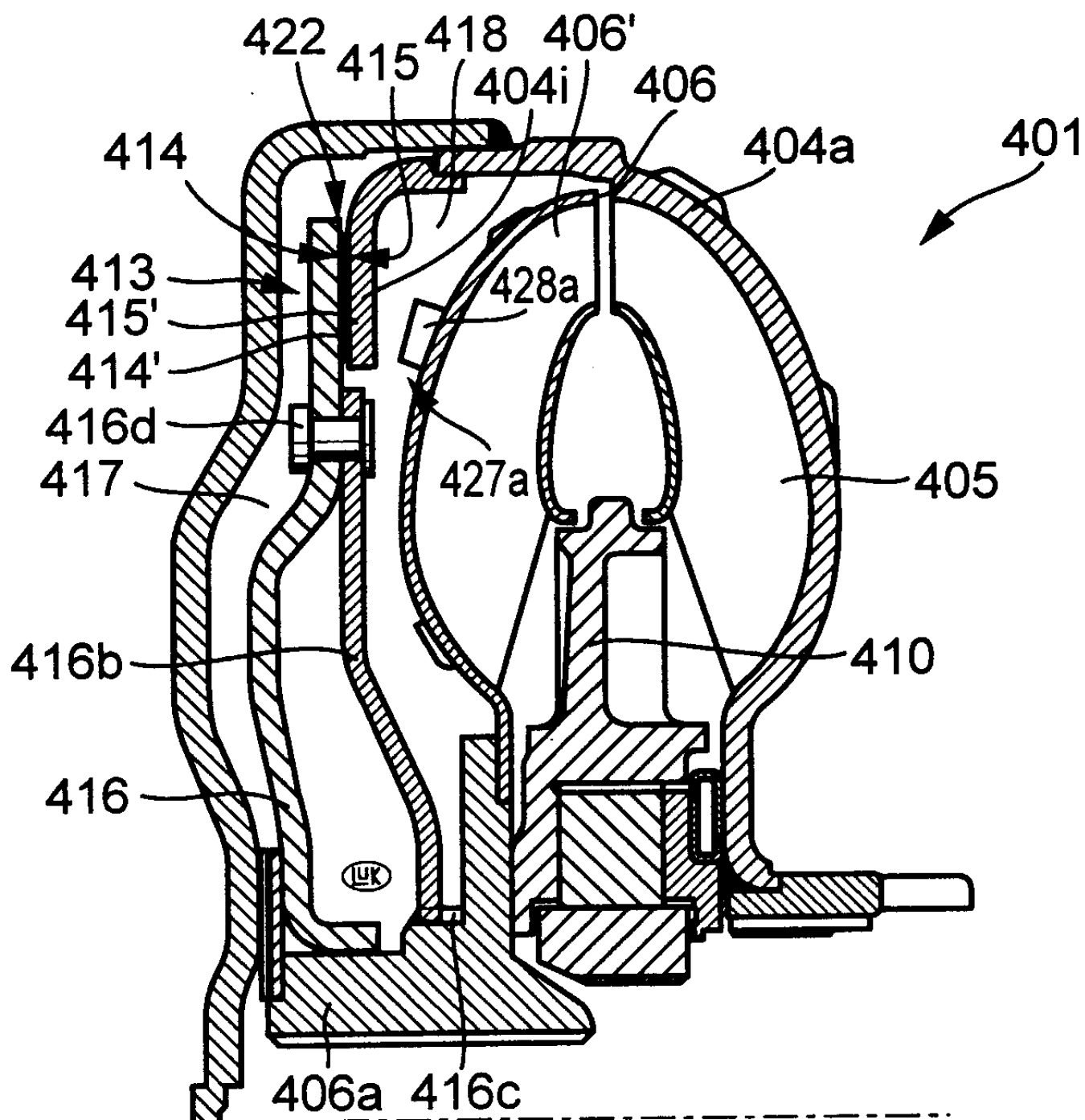
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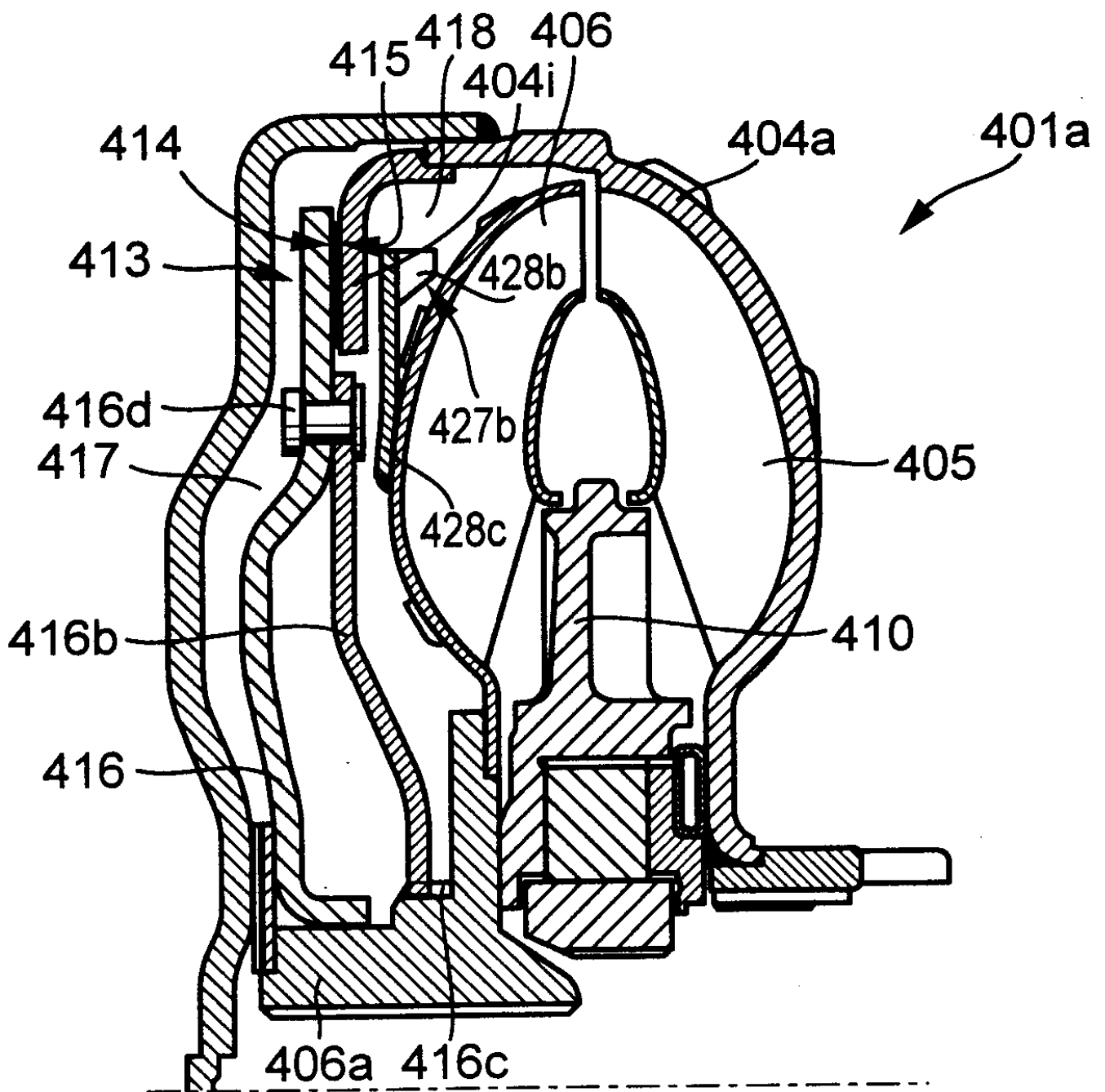
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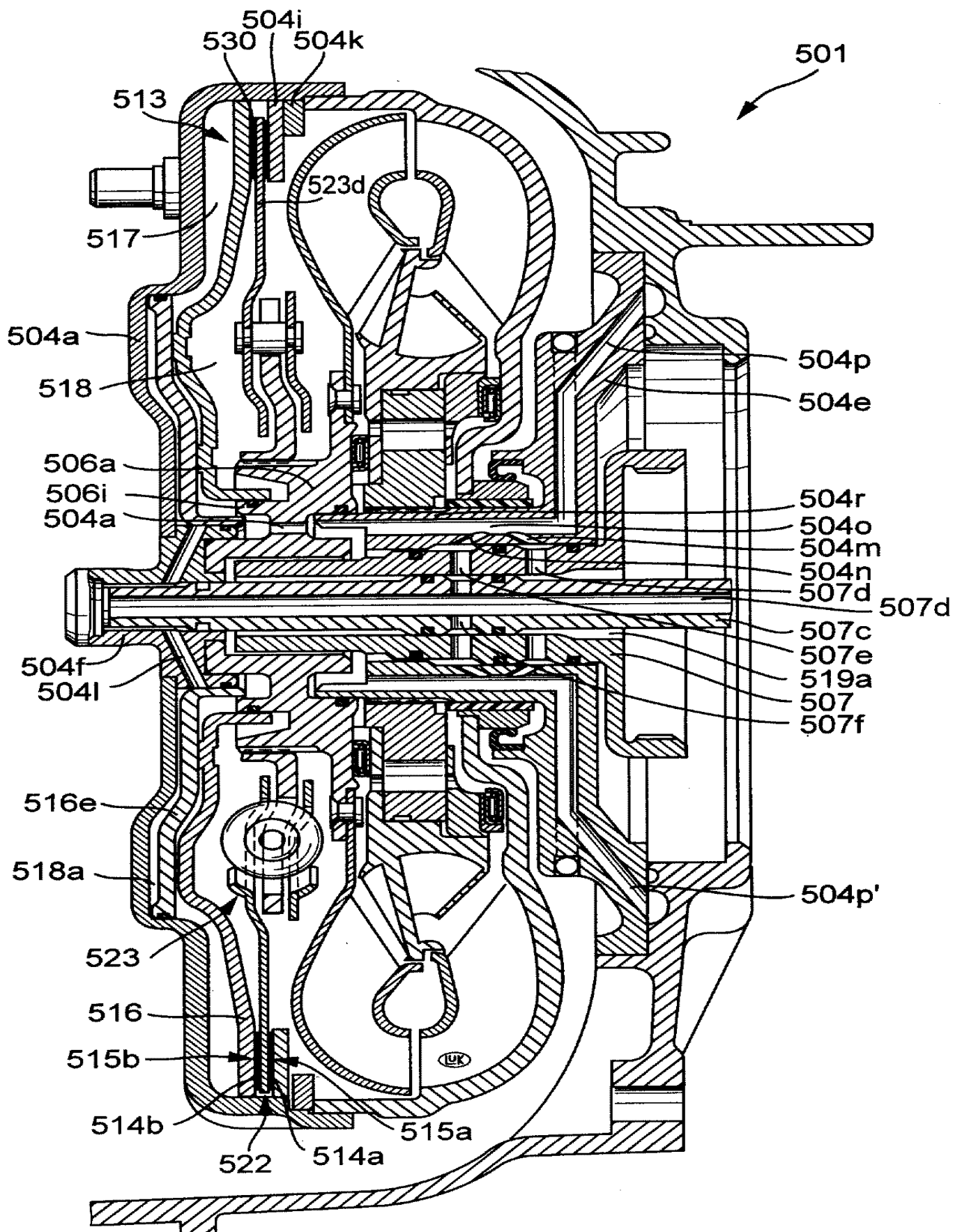
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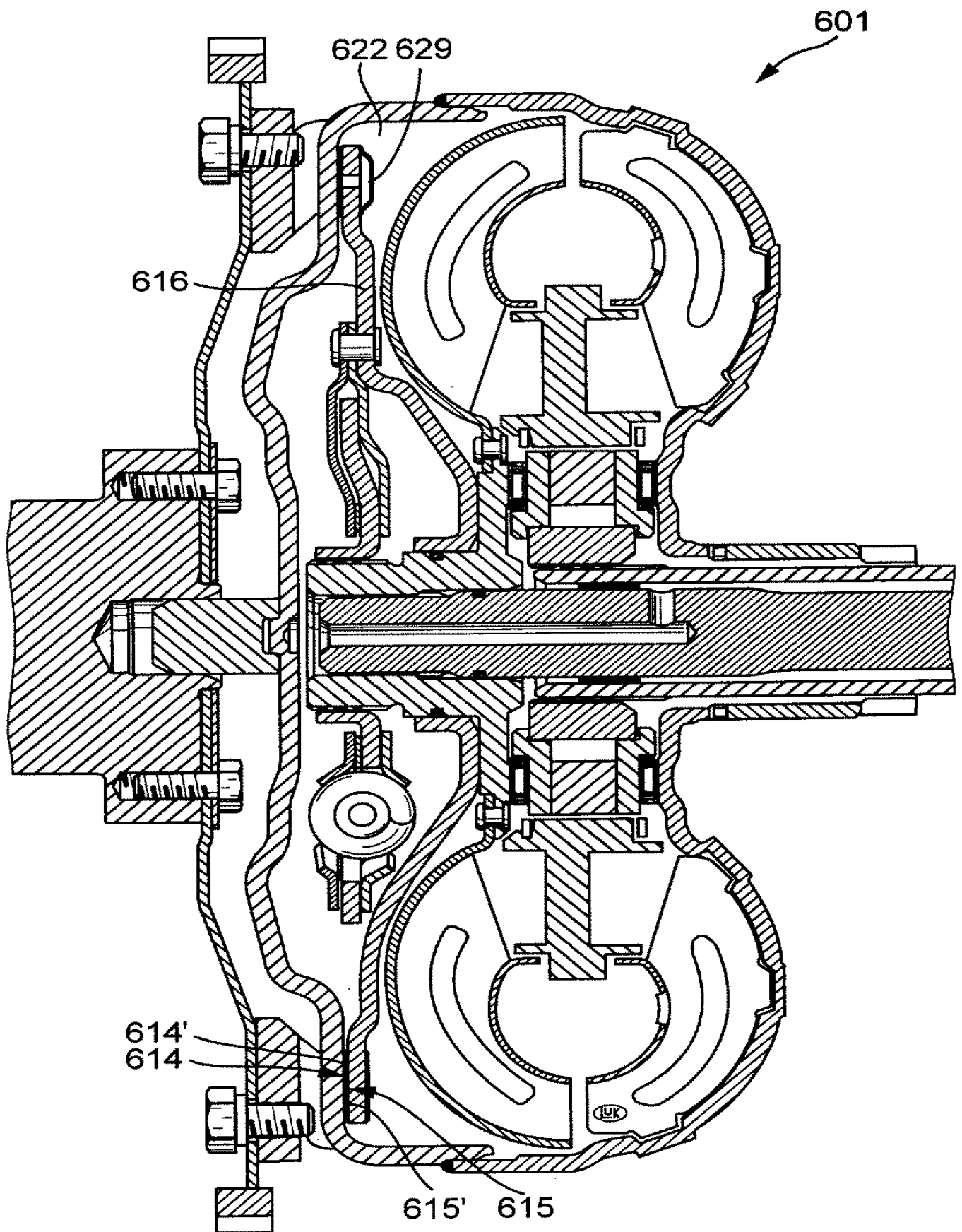
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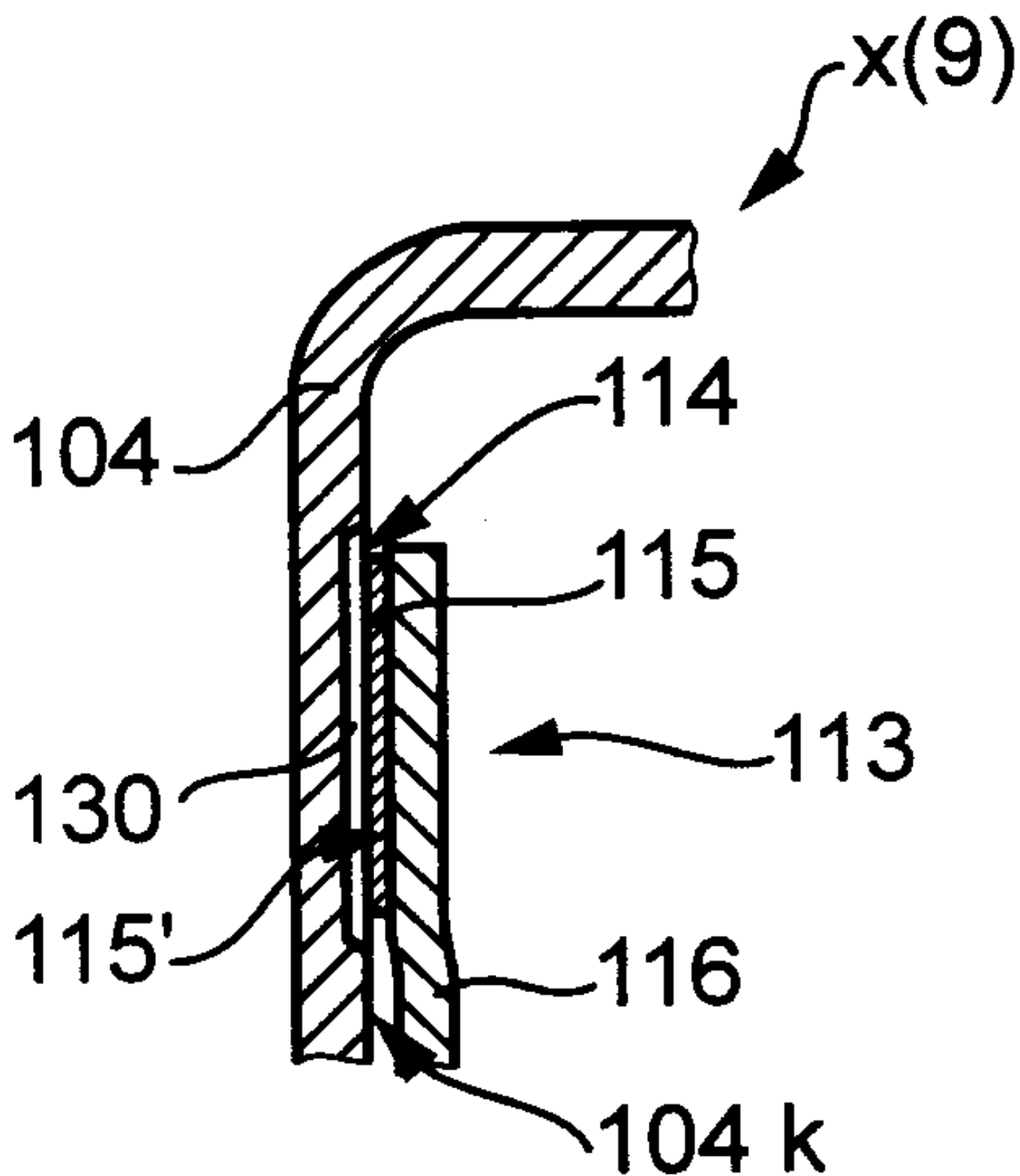


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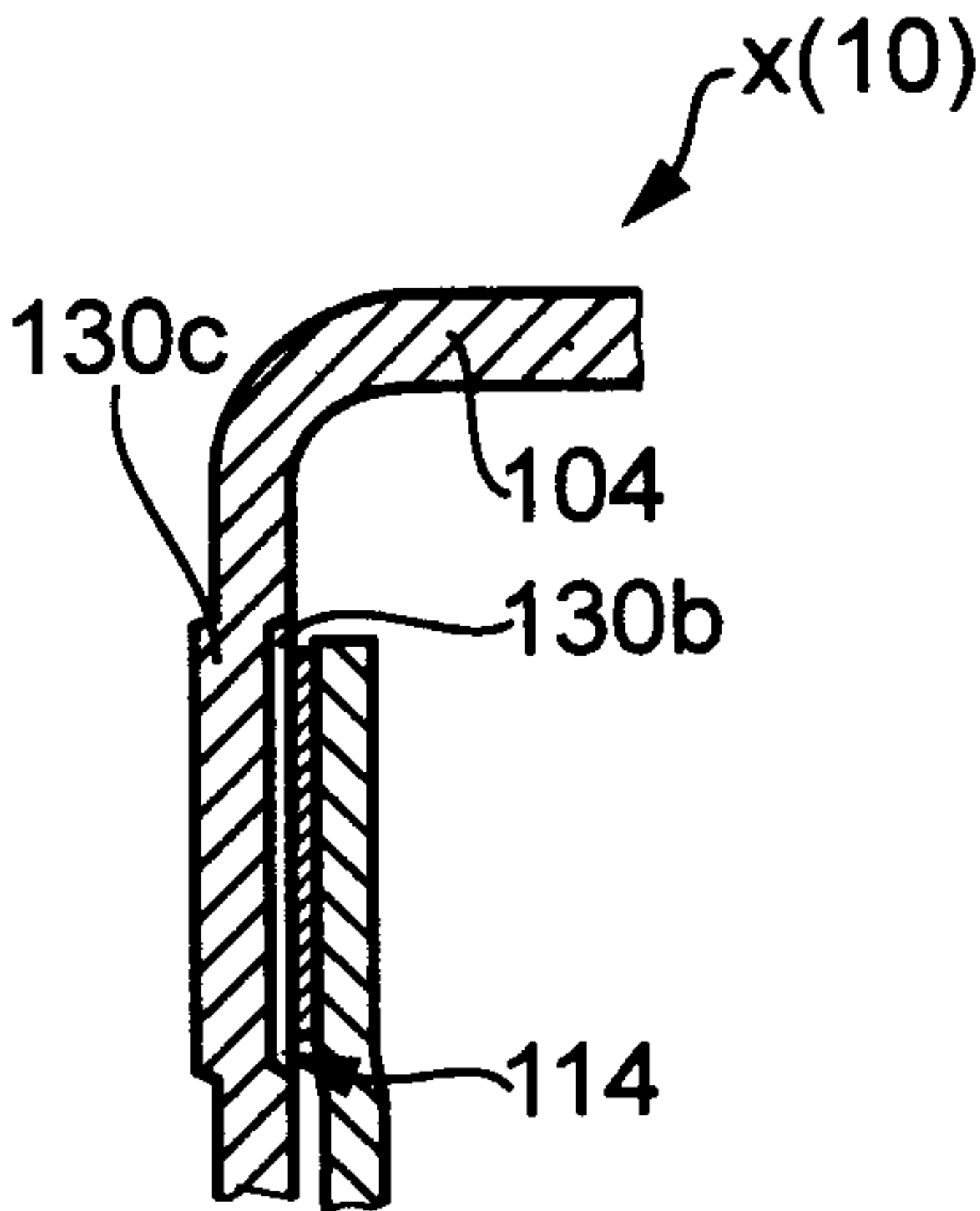


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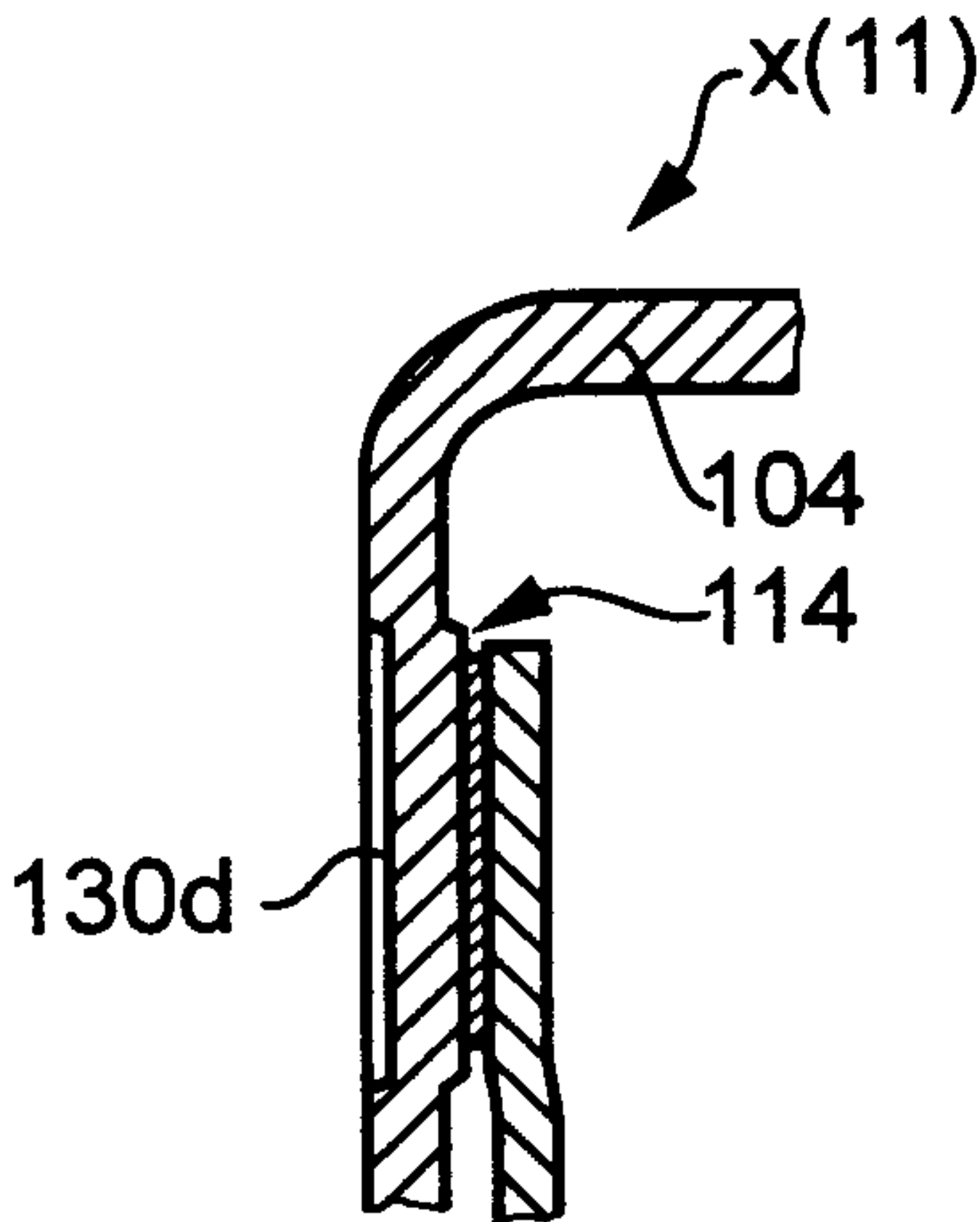




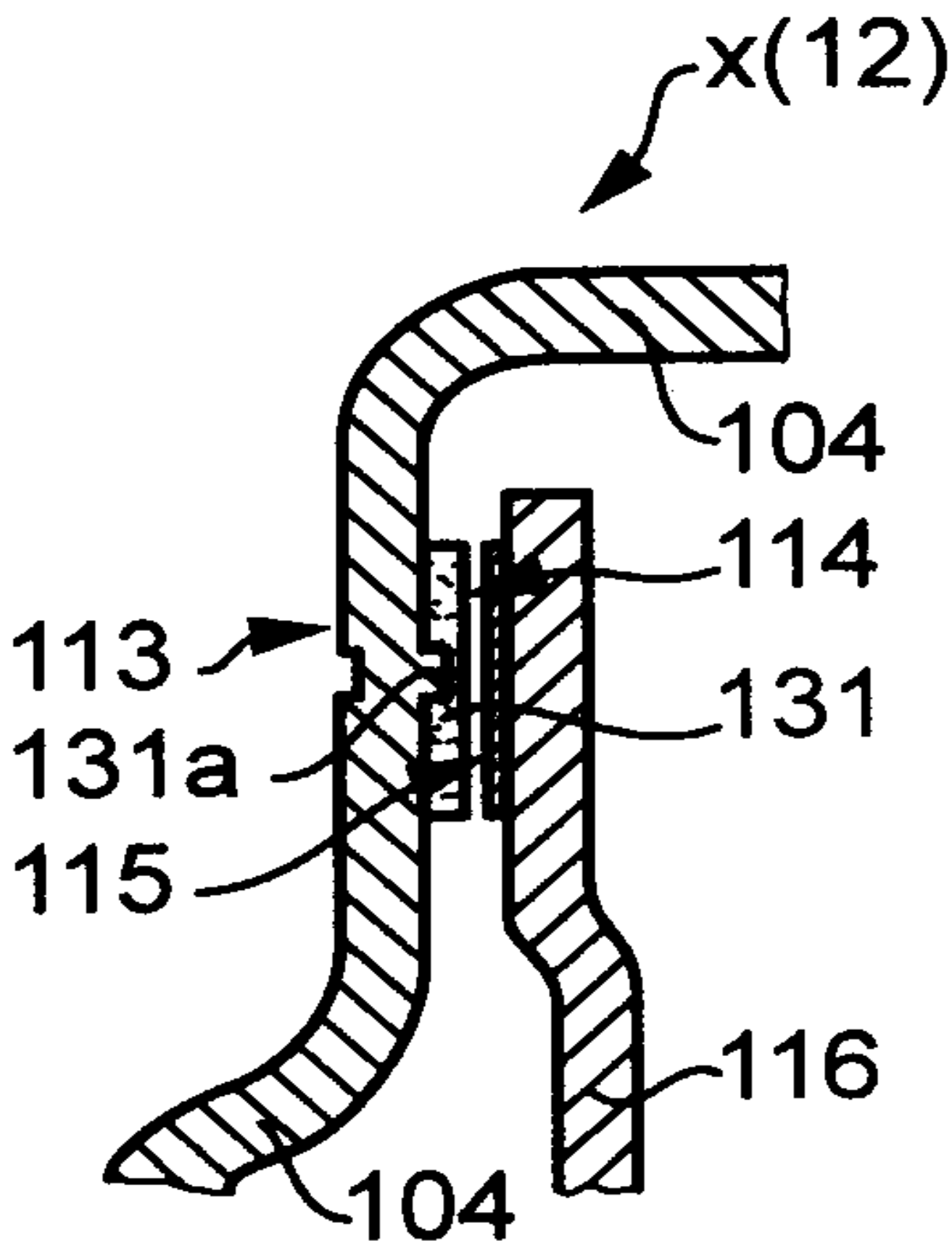
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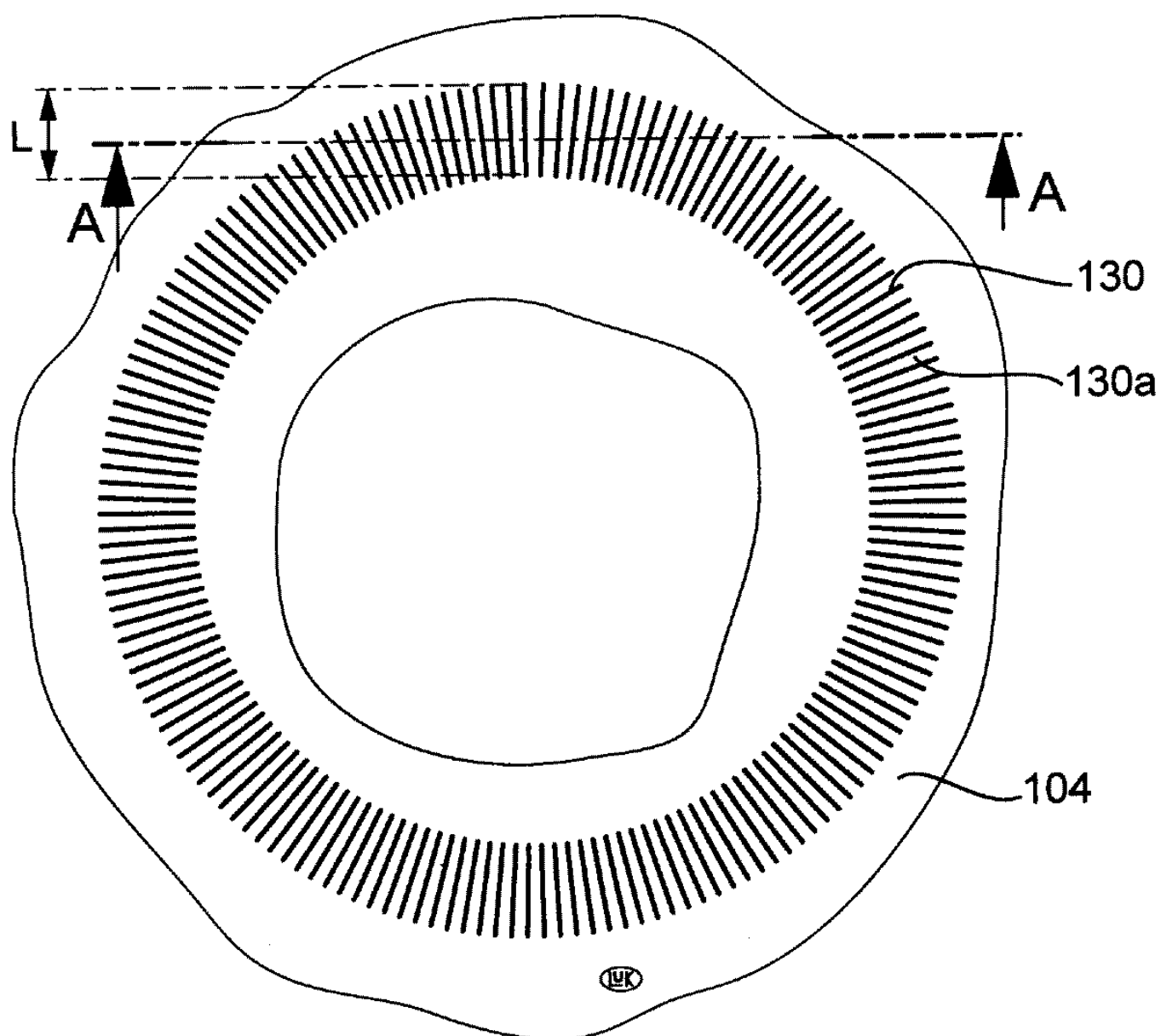
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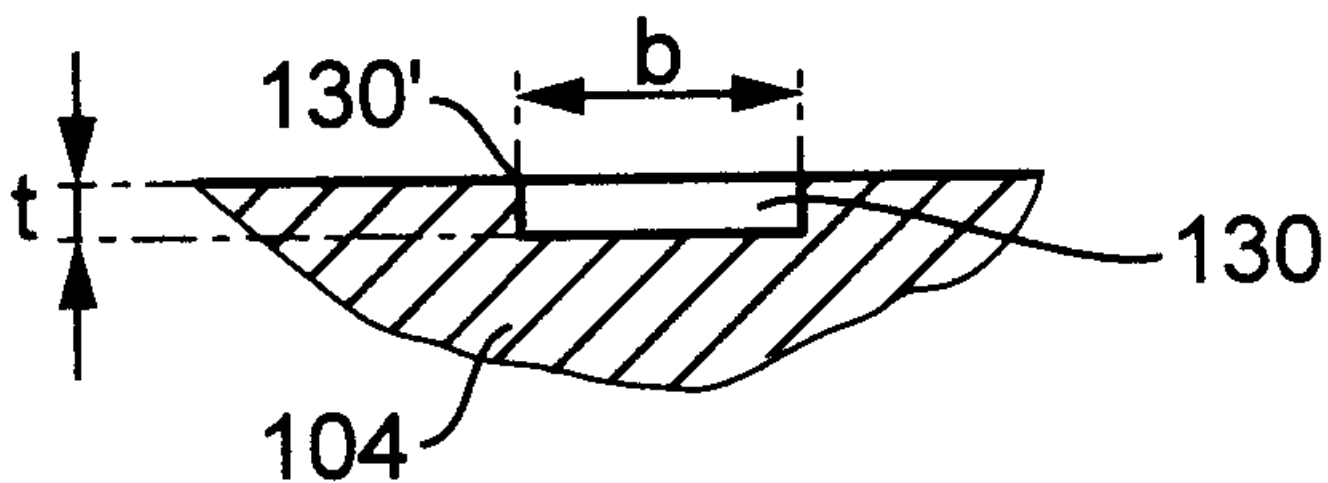
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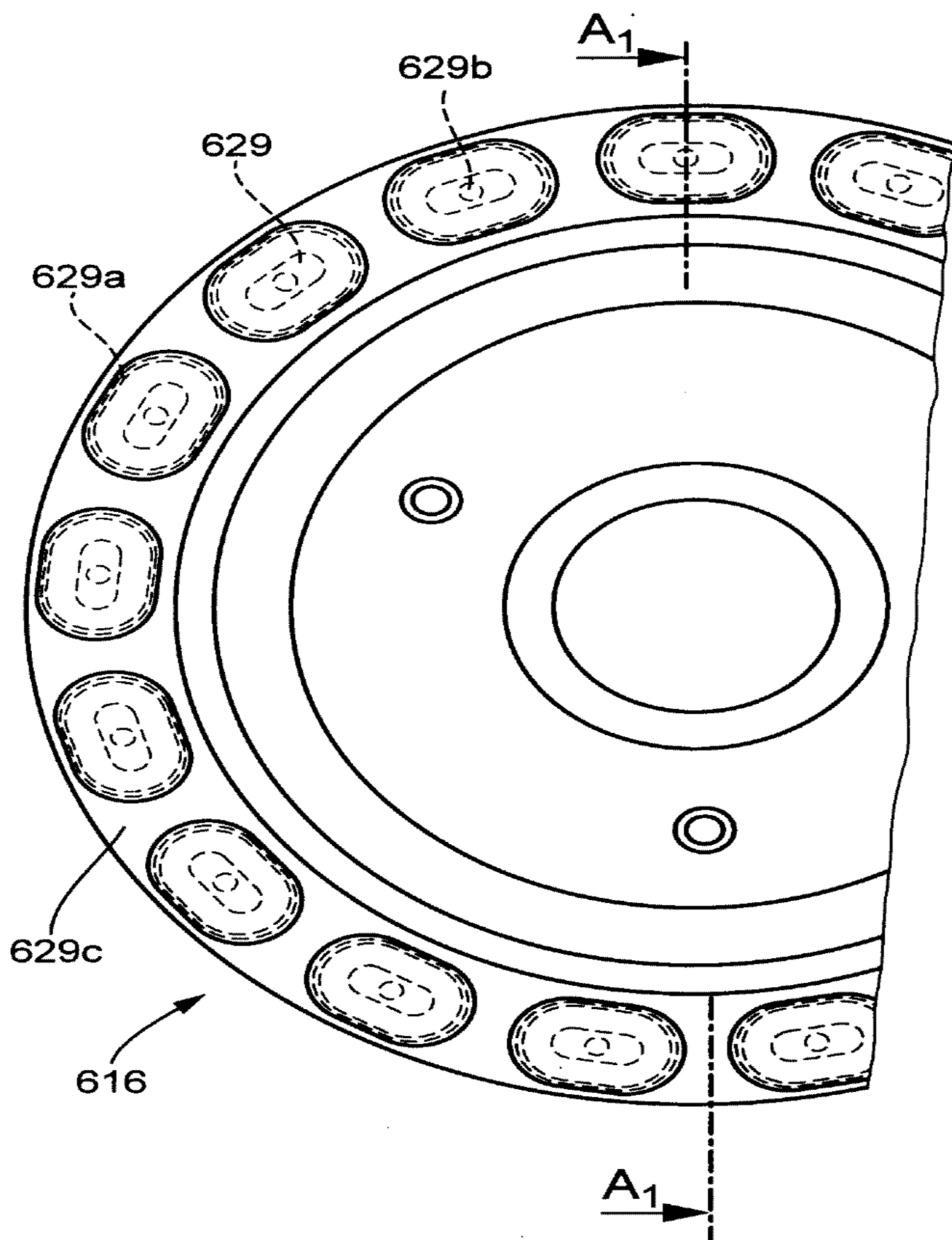
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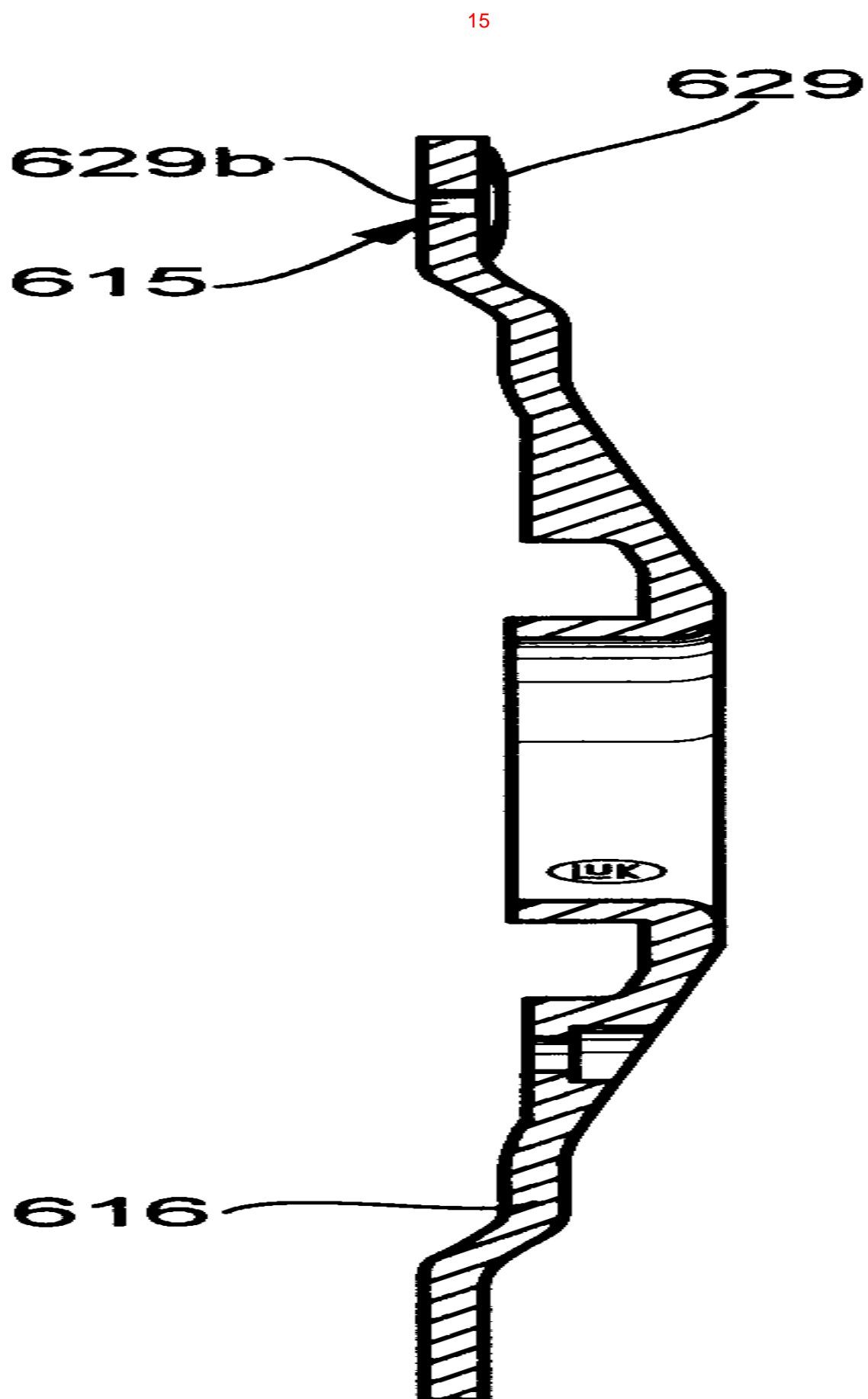


13a

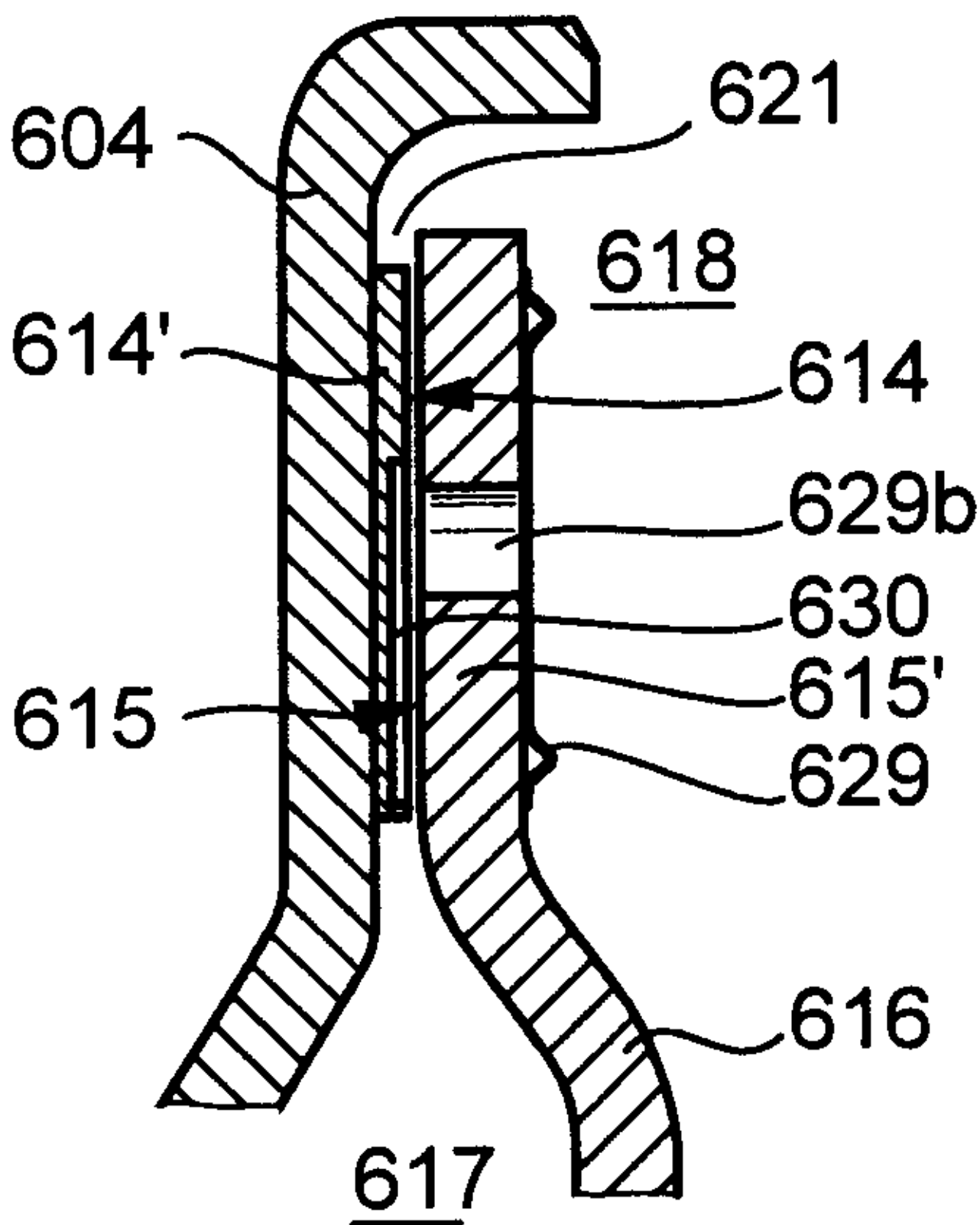


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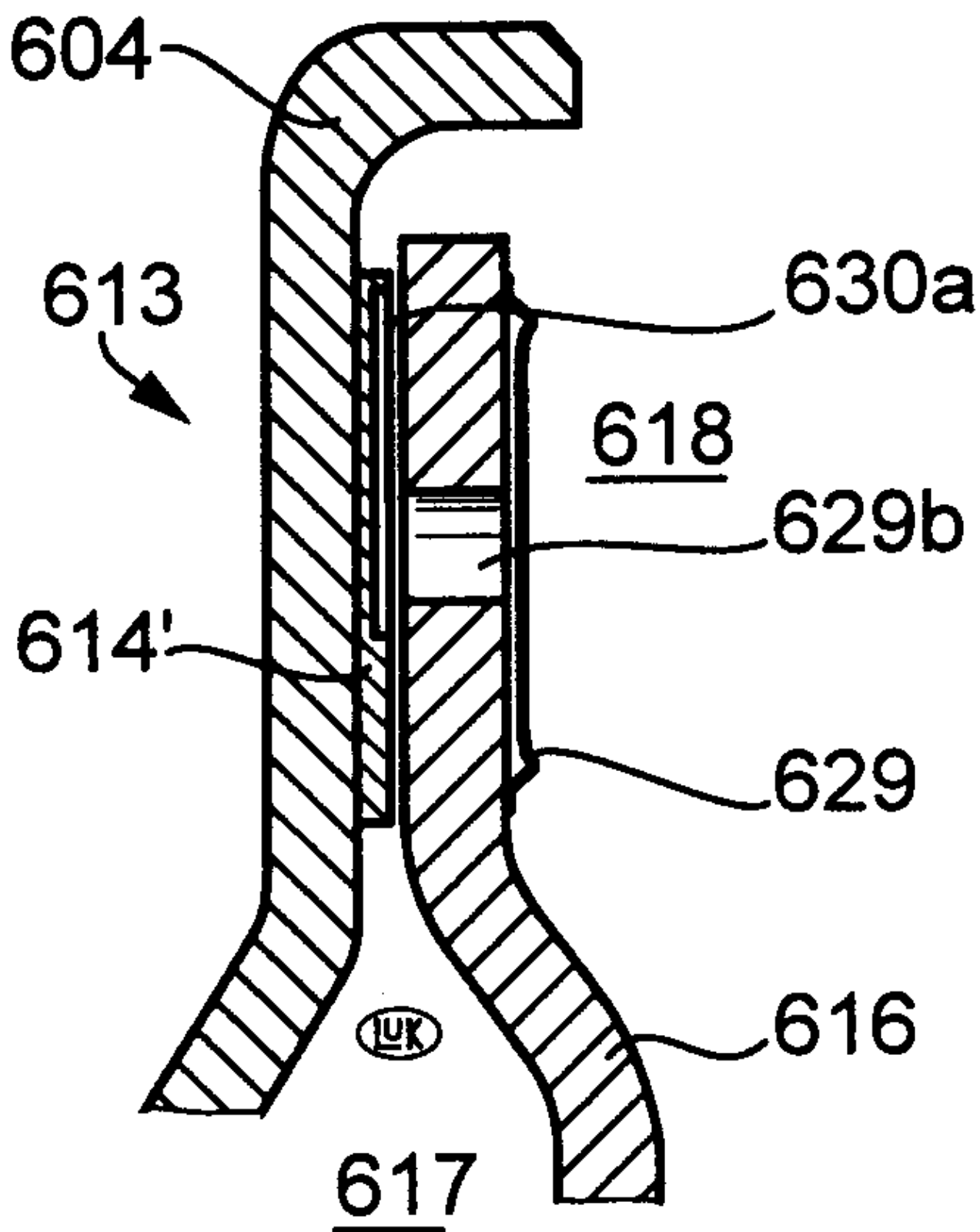




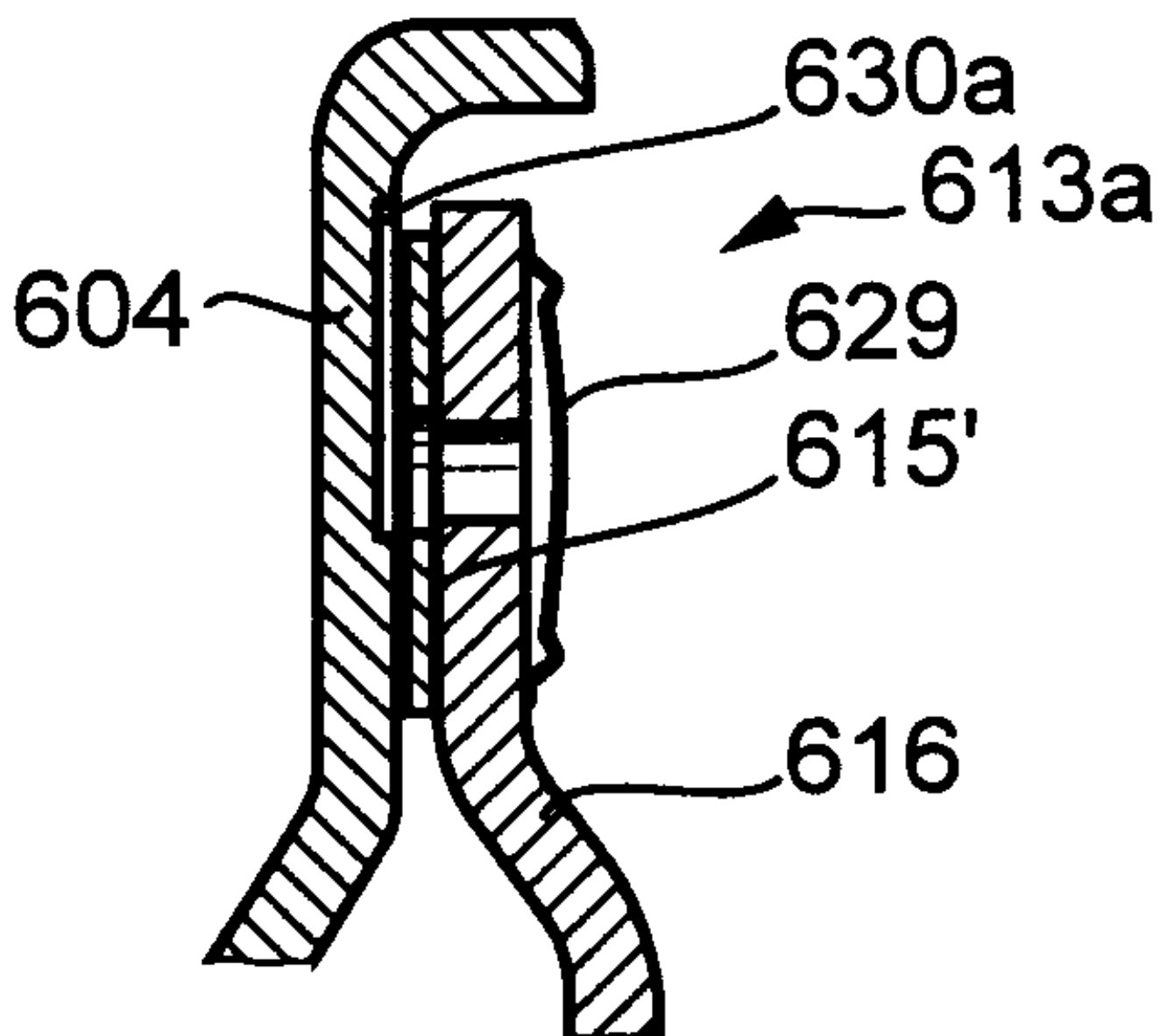
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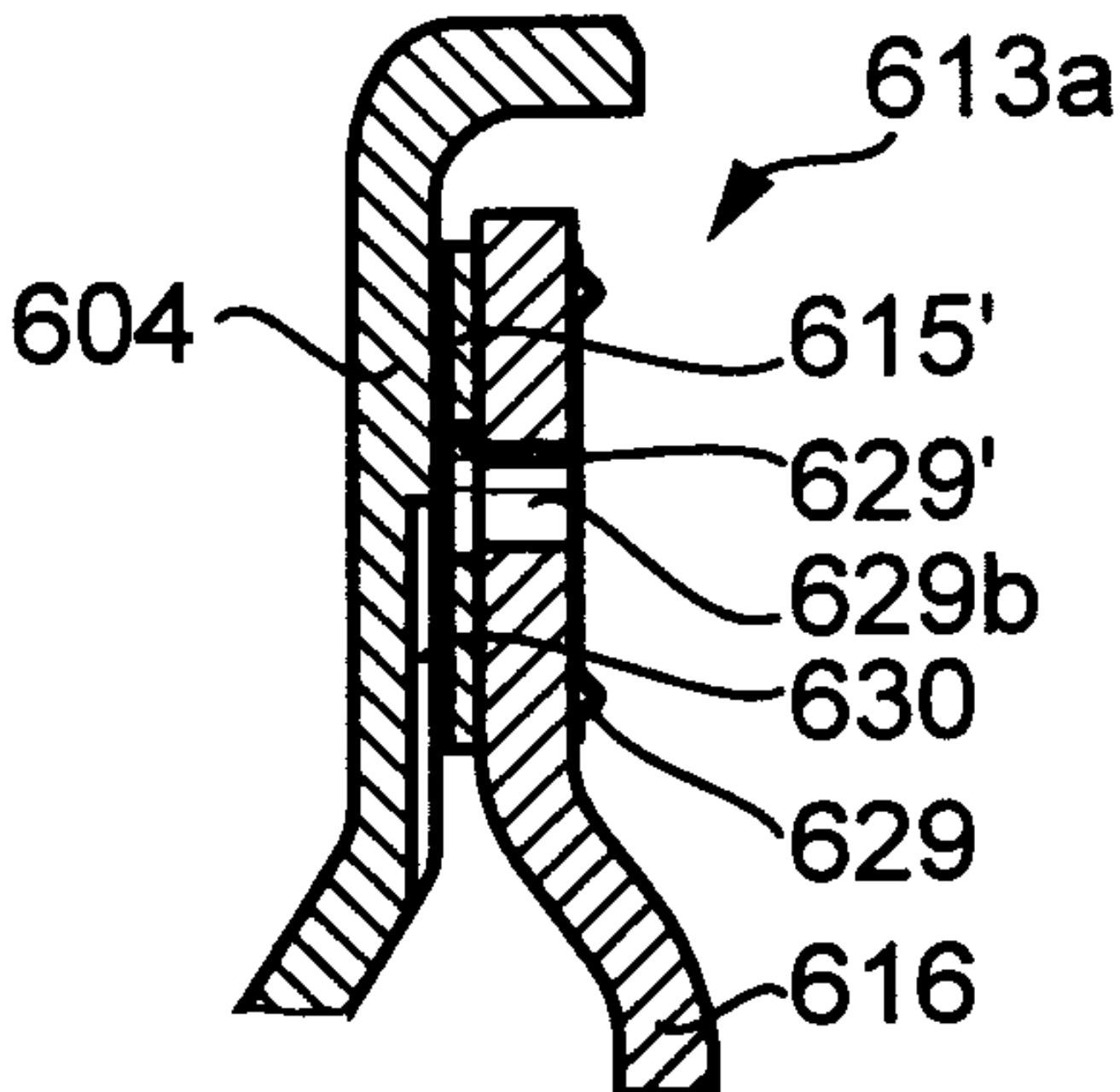
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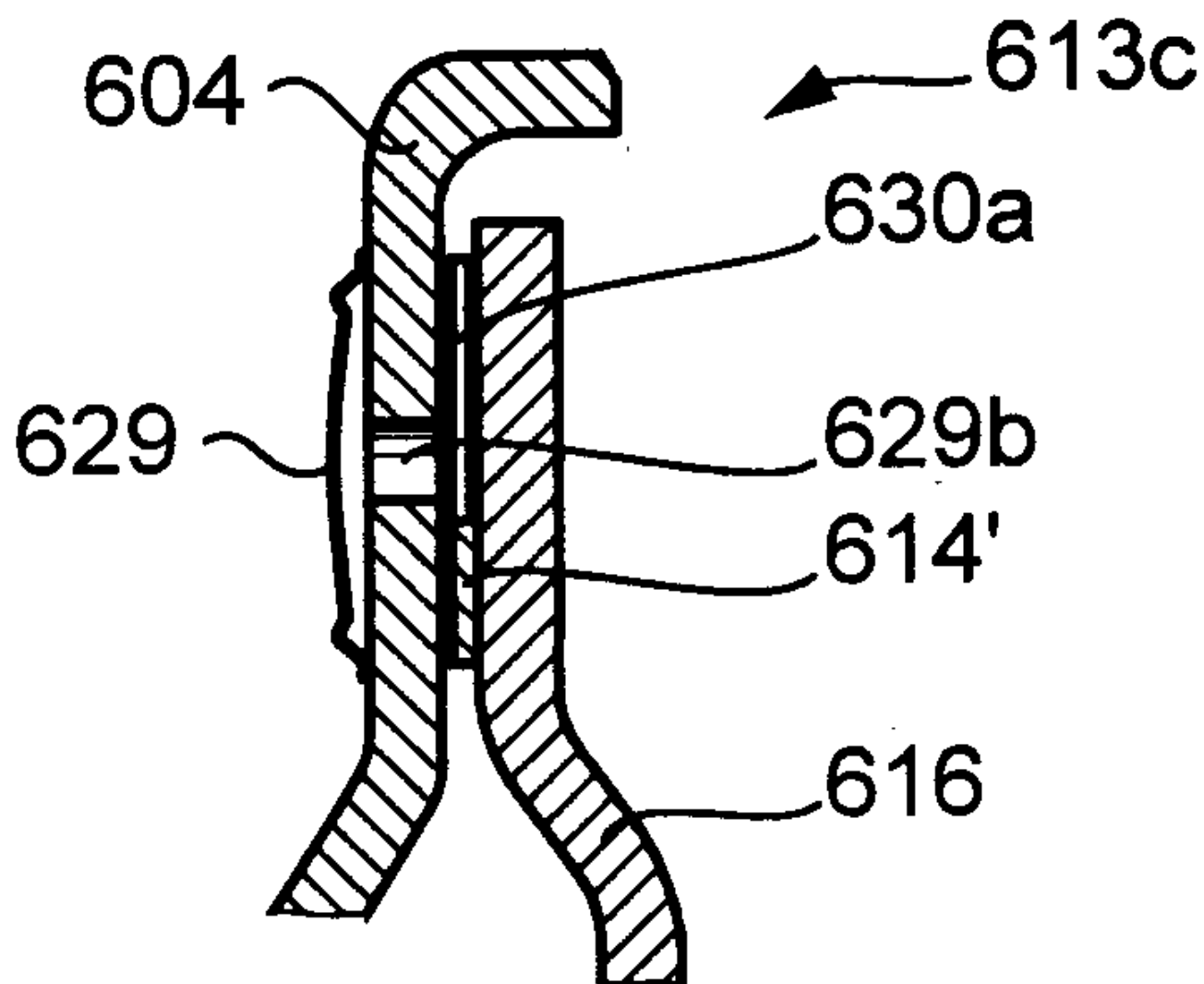
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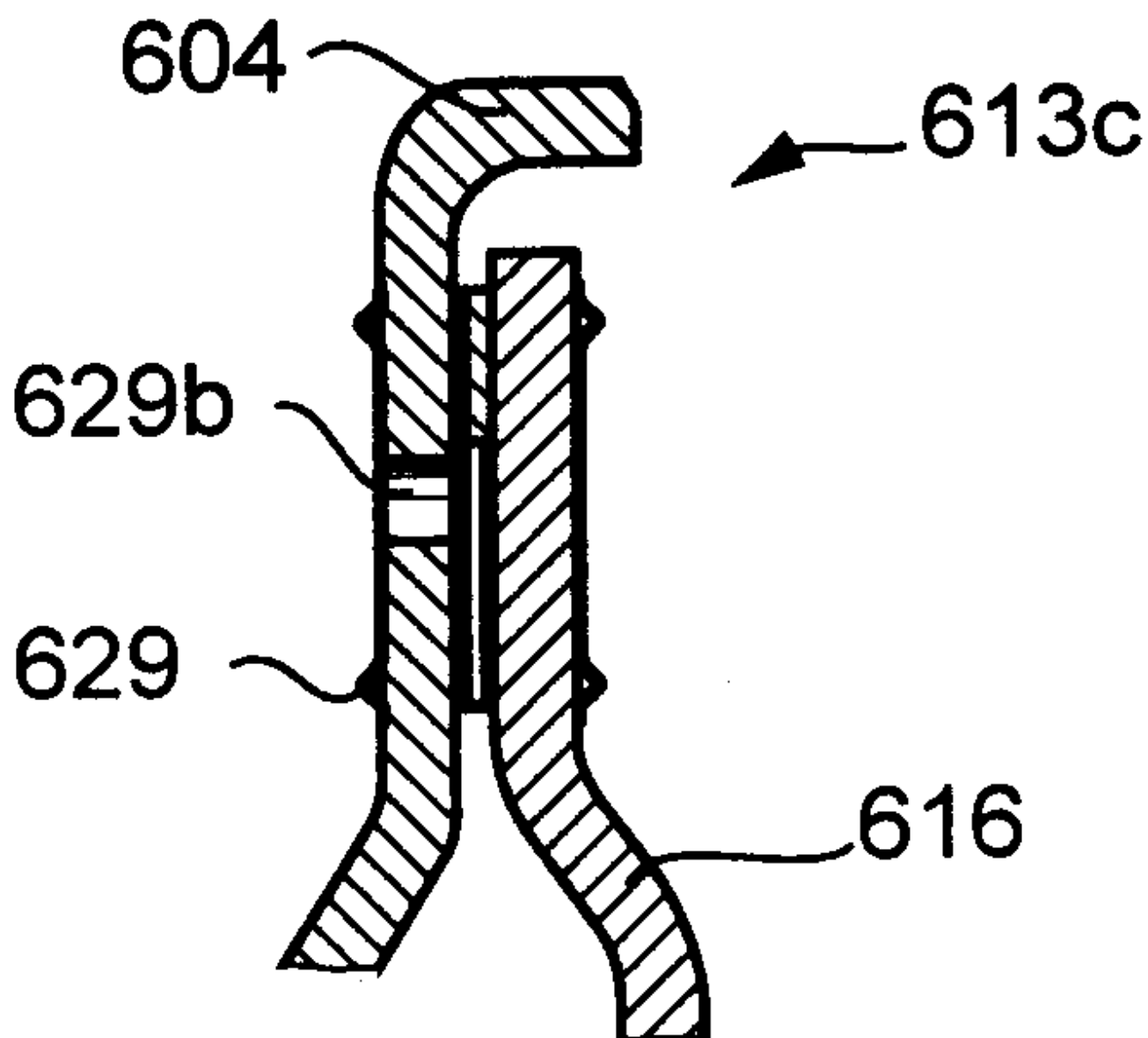
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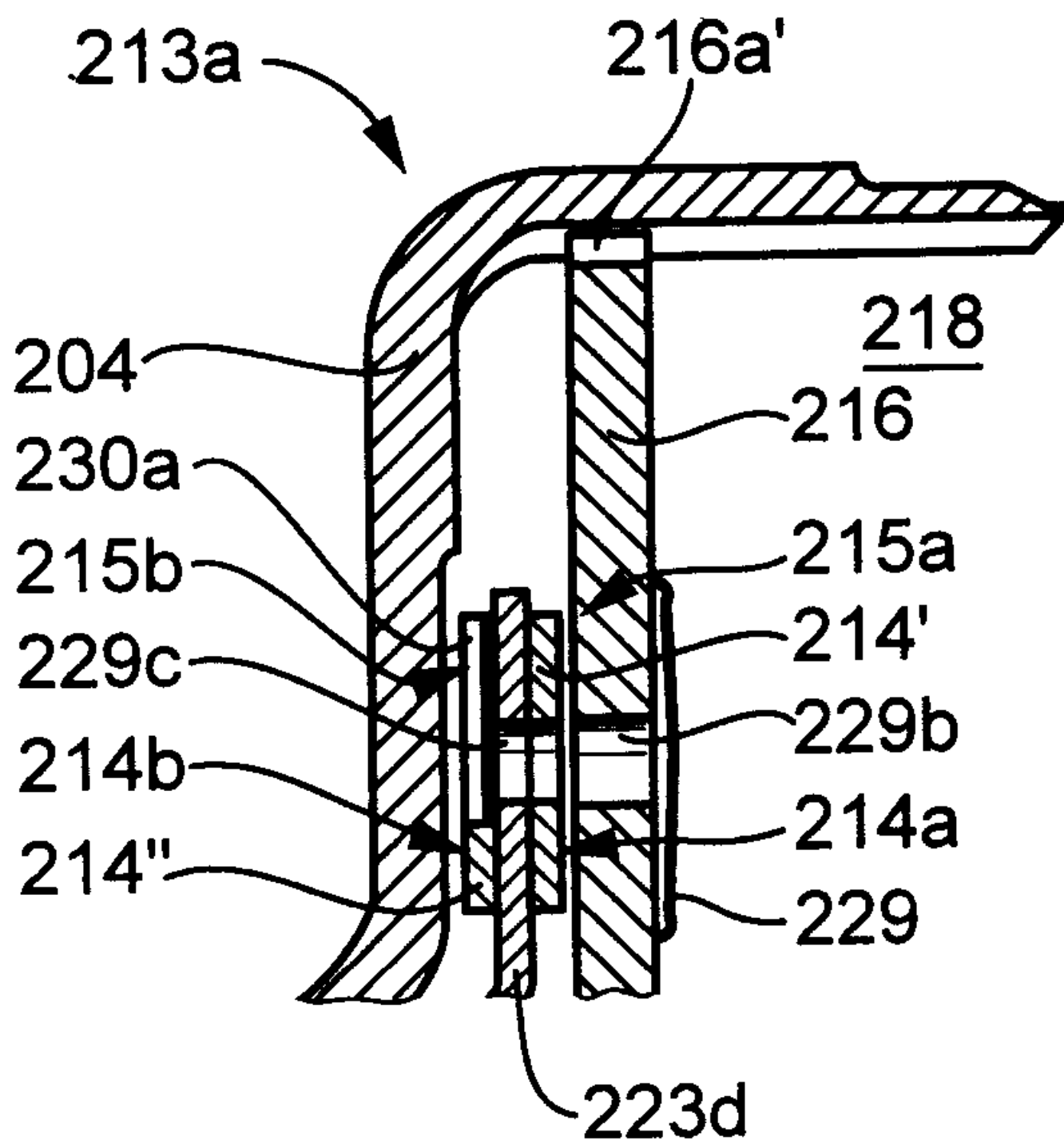
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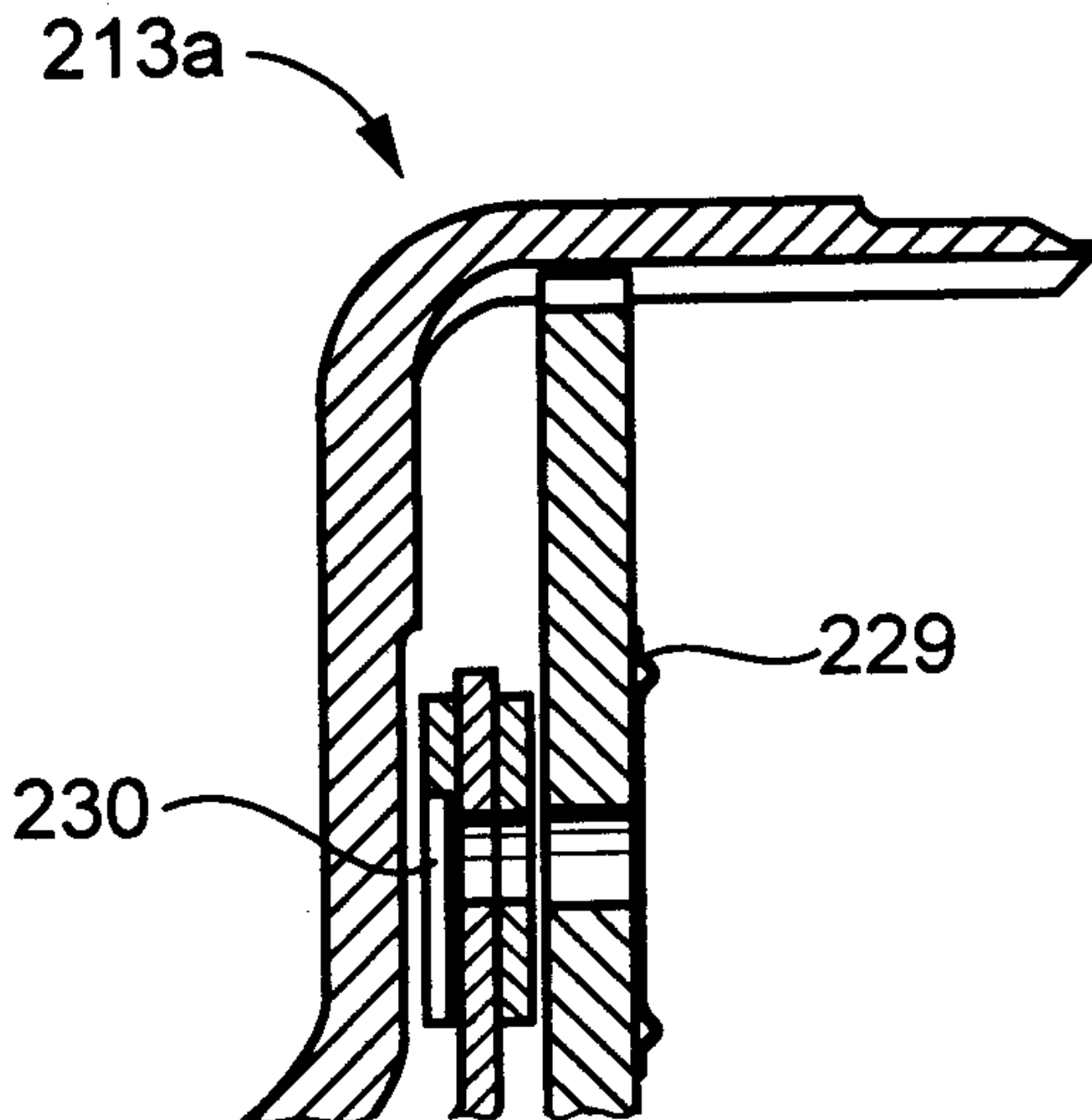
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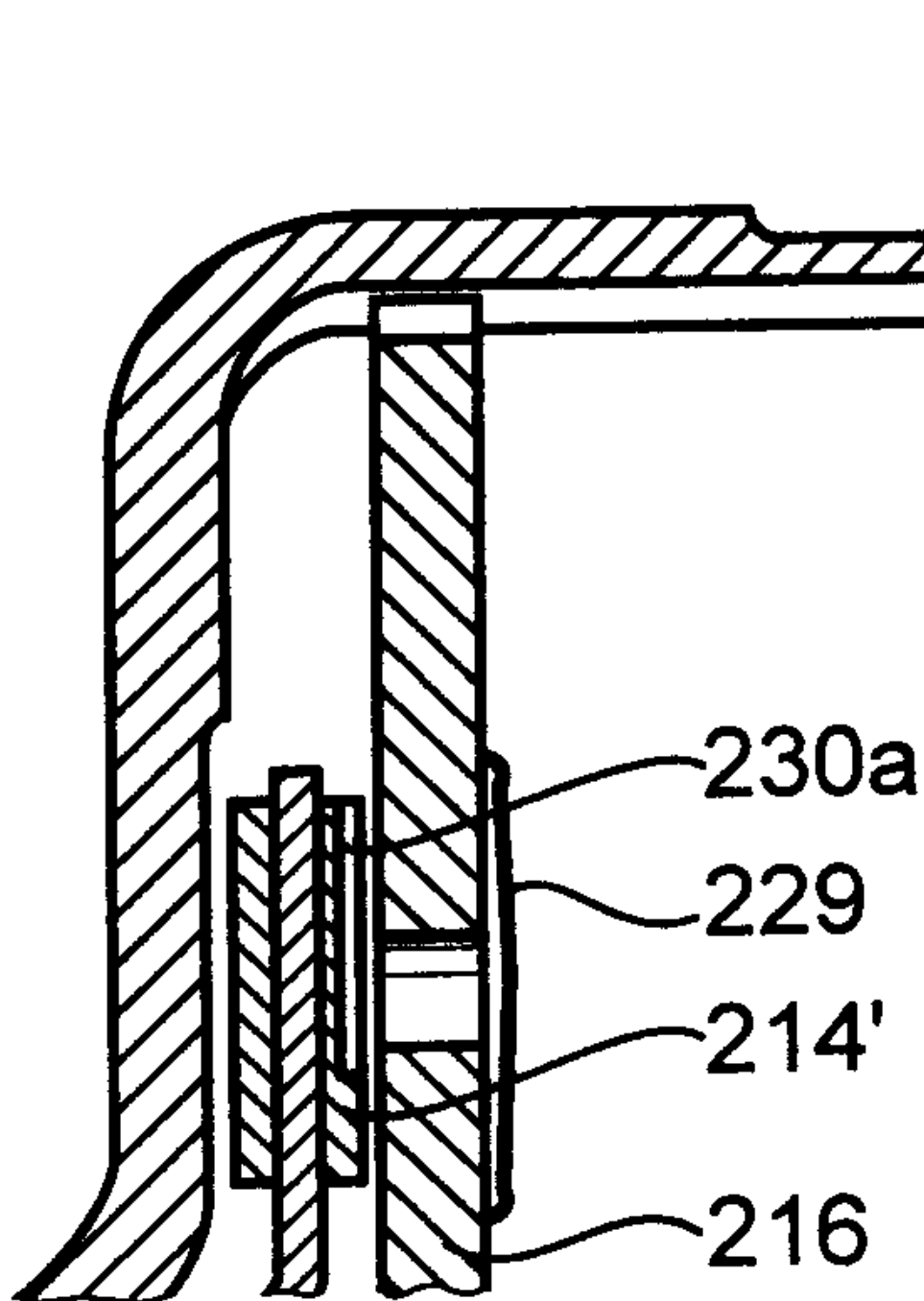


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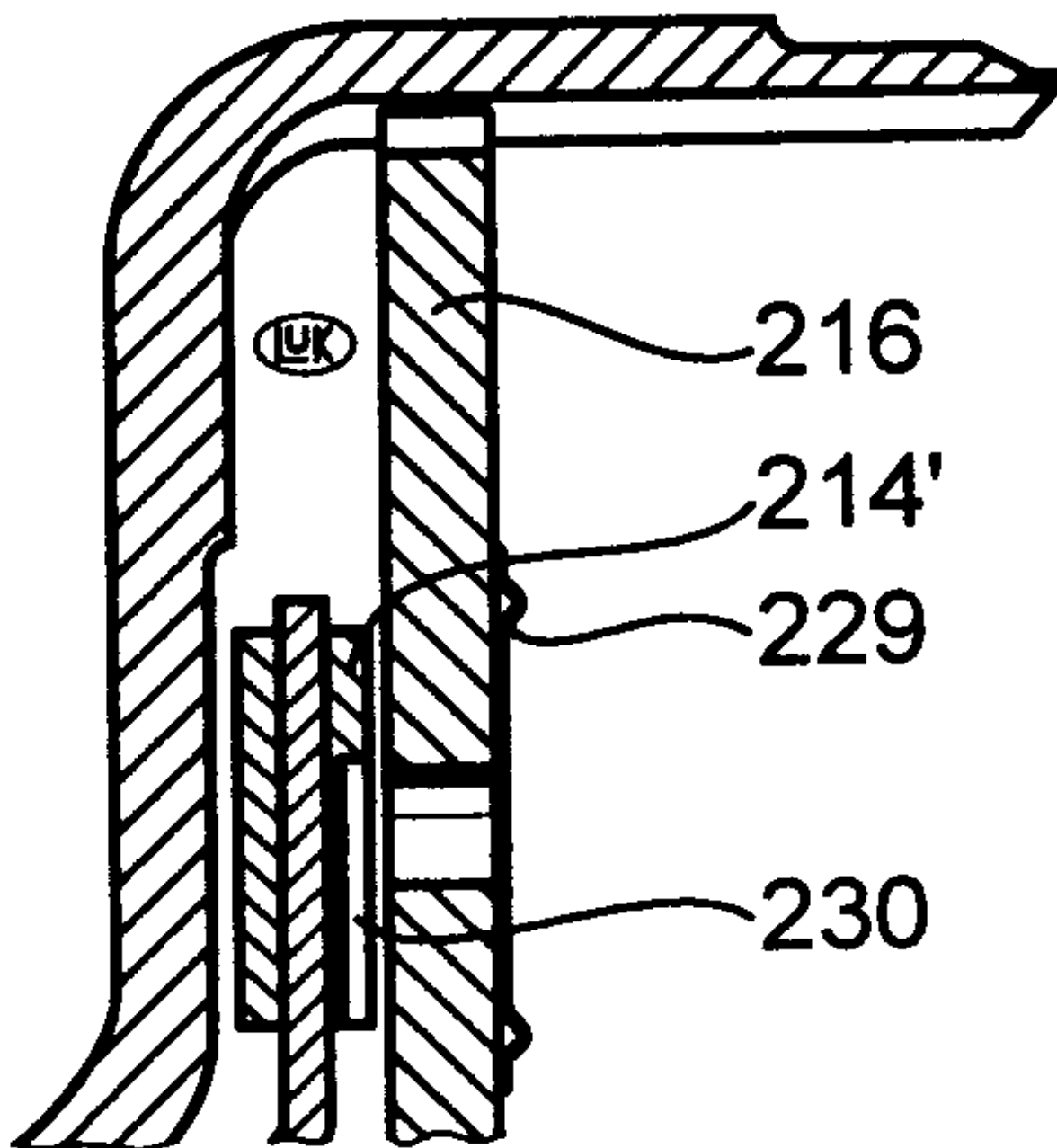
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213b

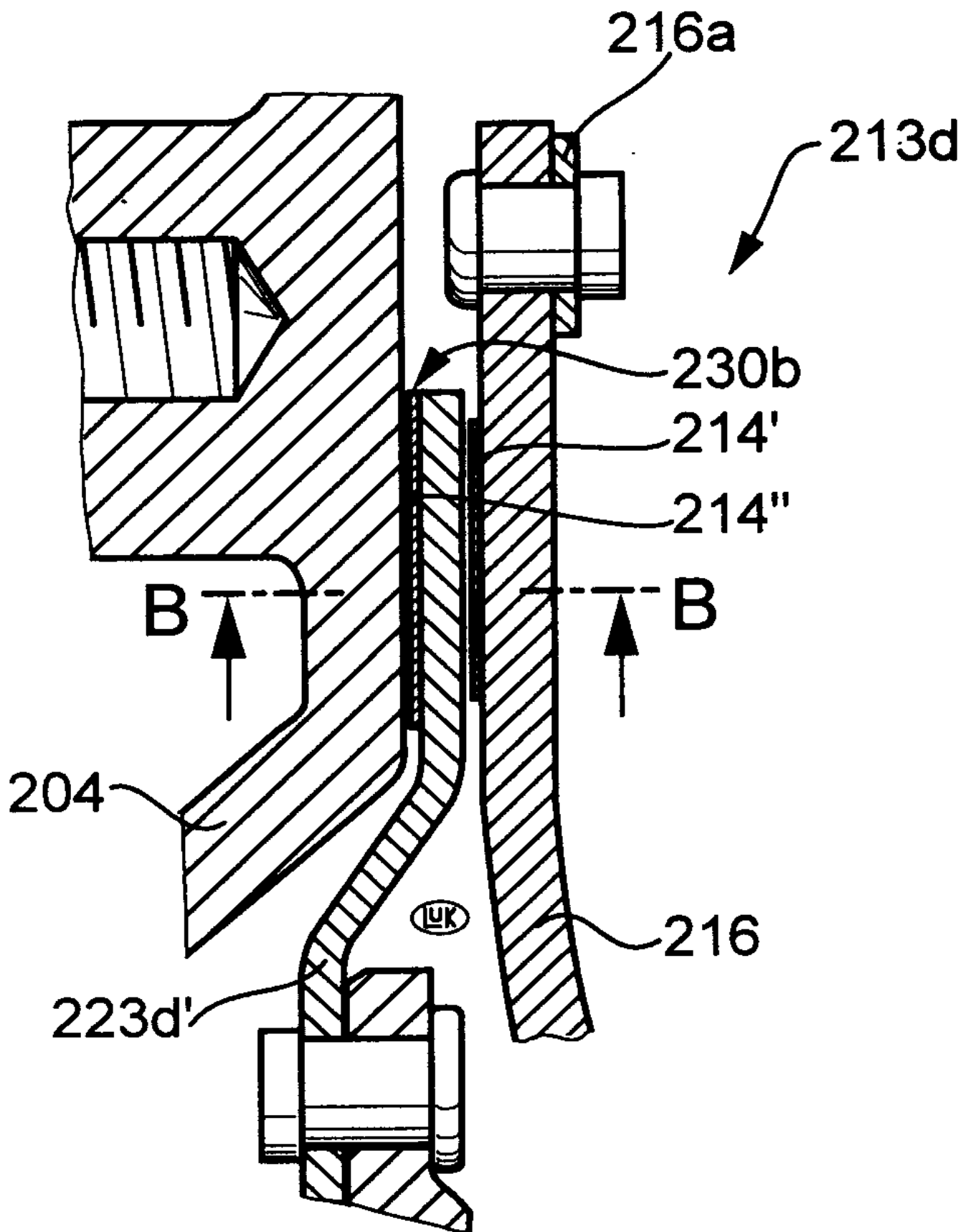


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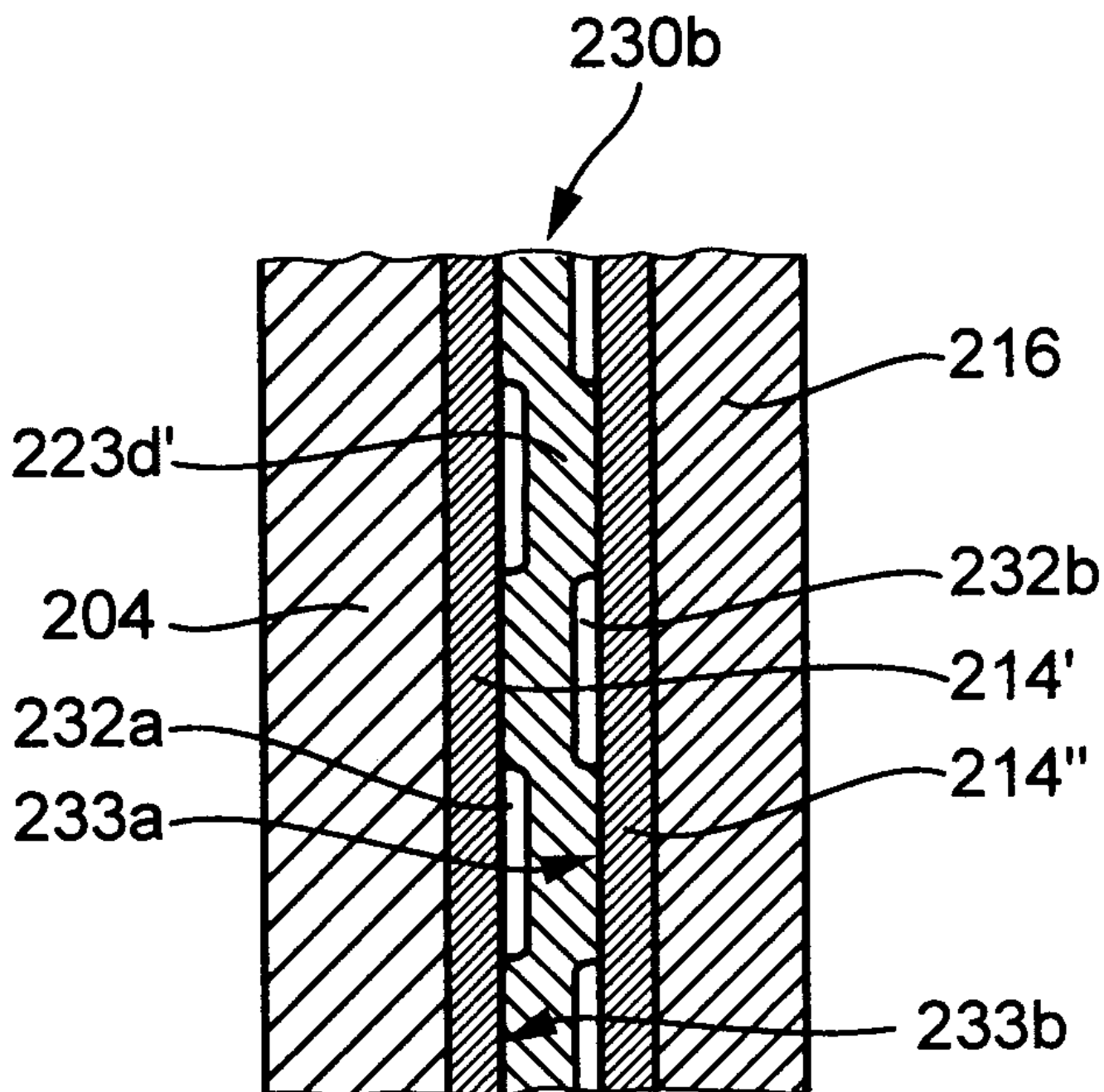
213b



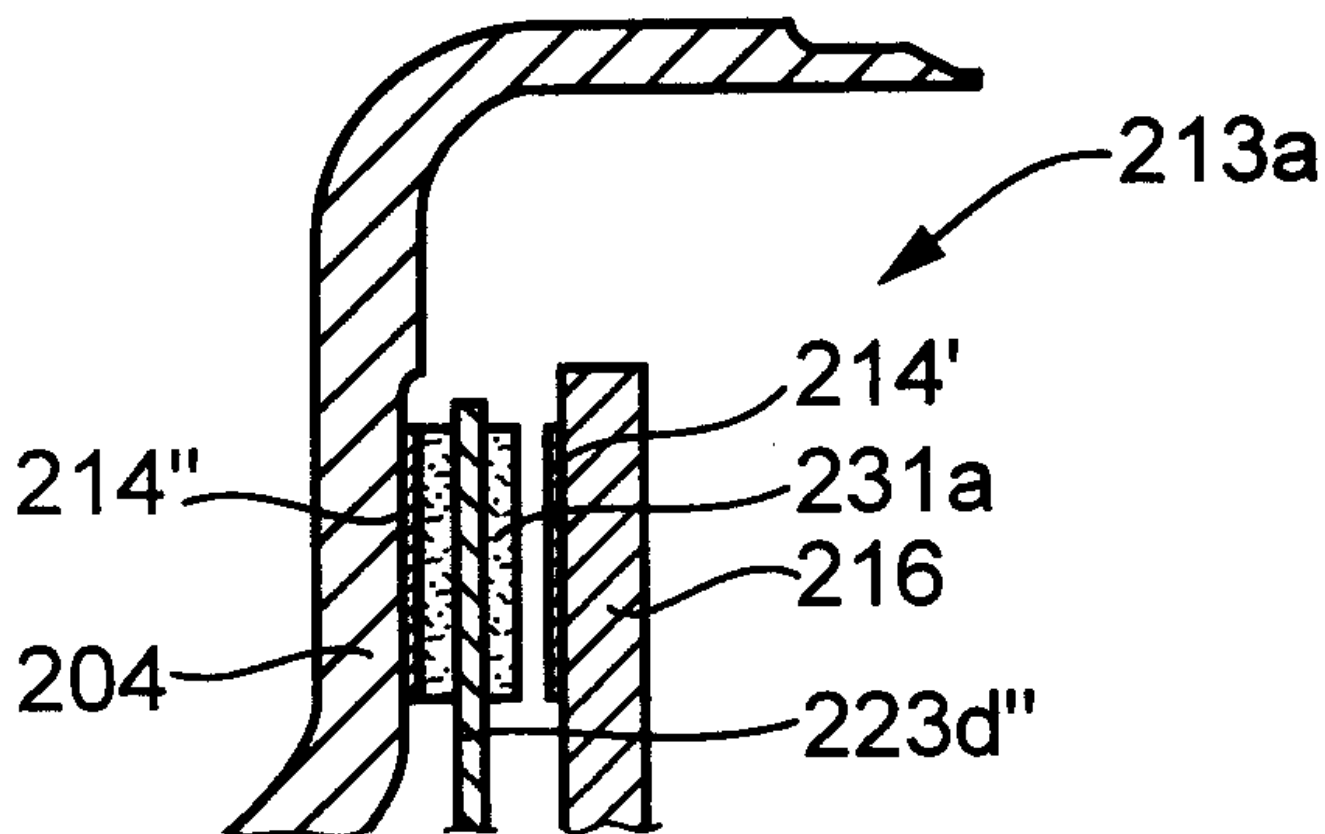
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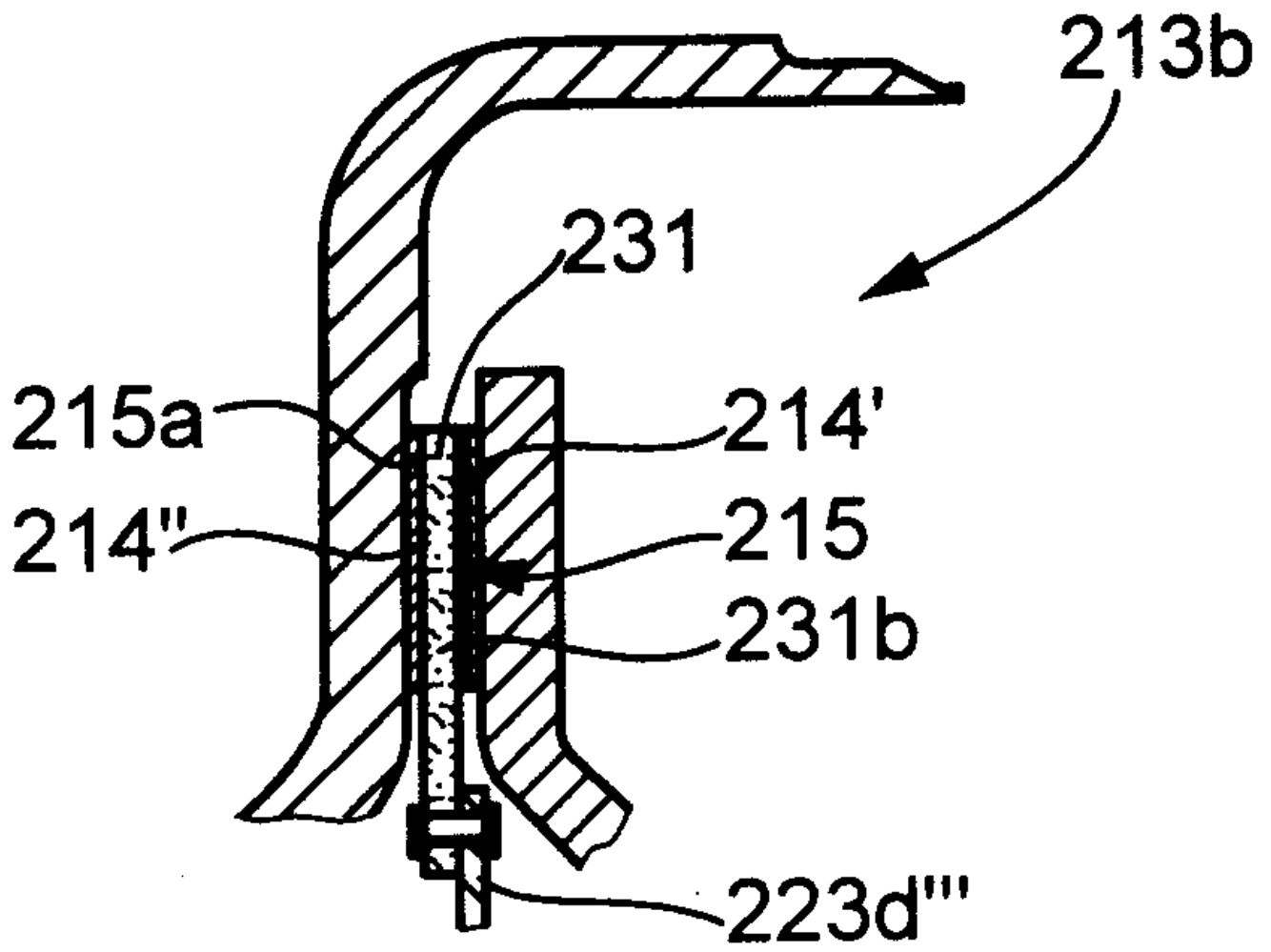
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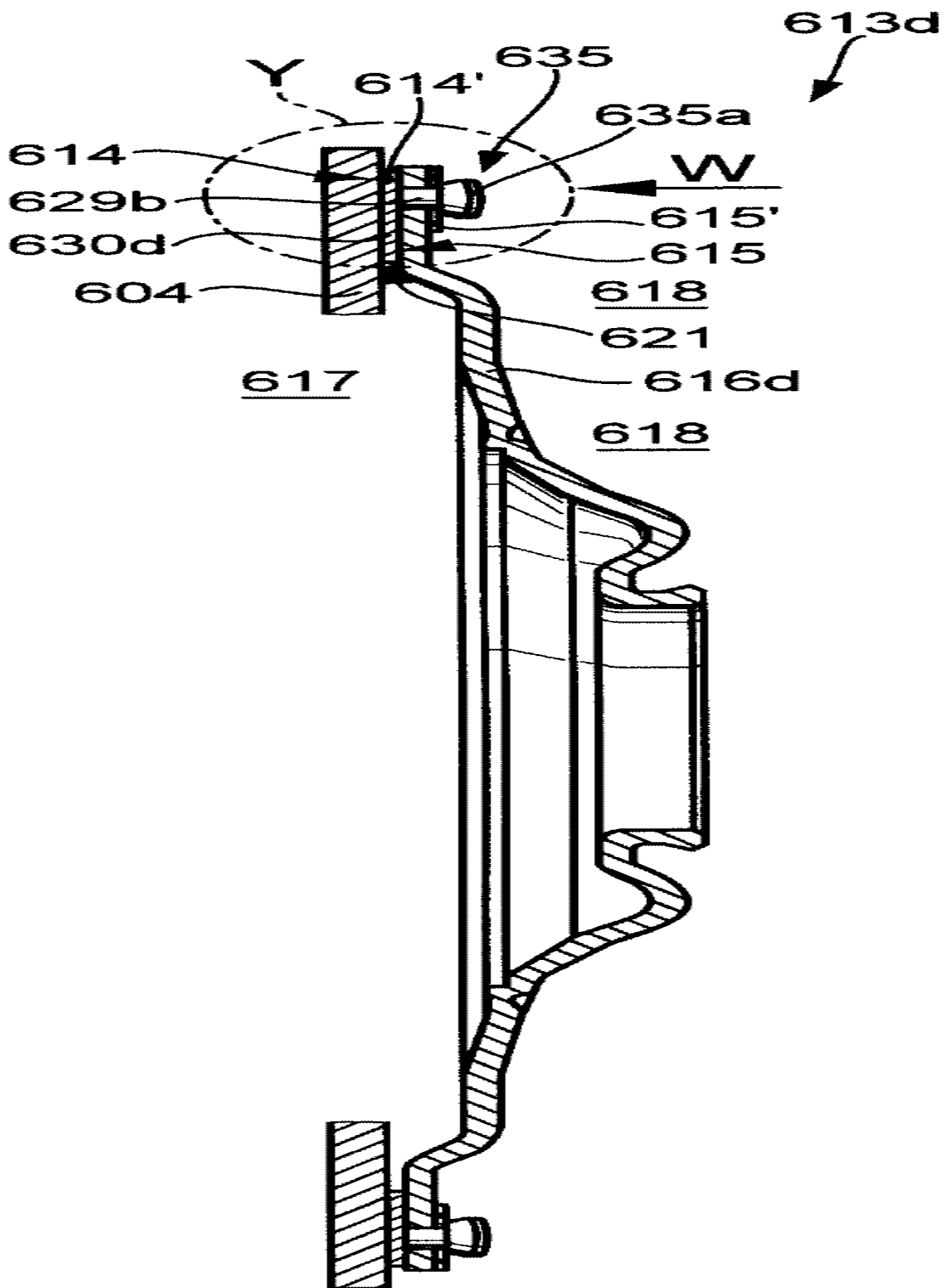
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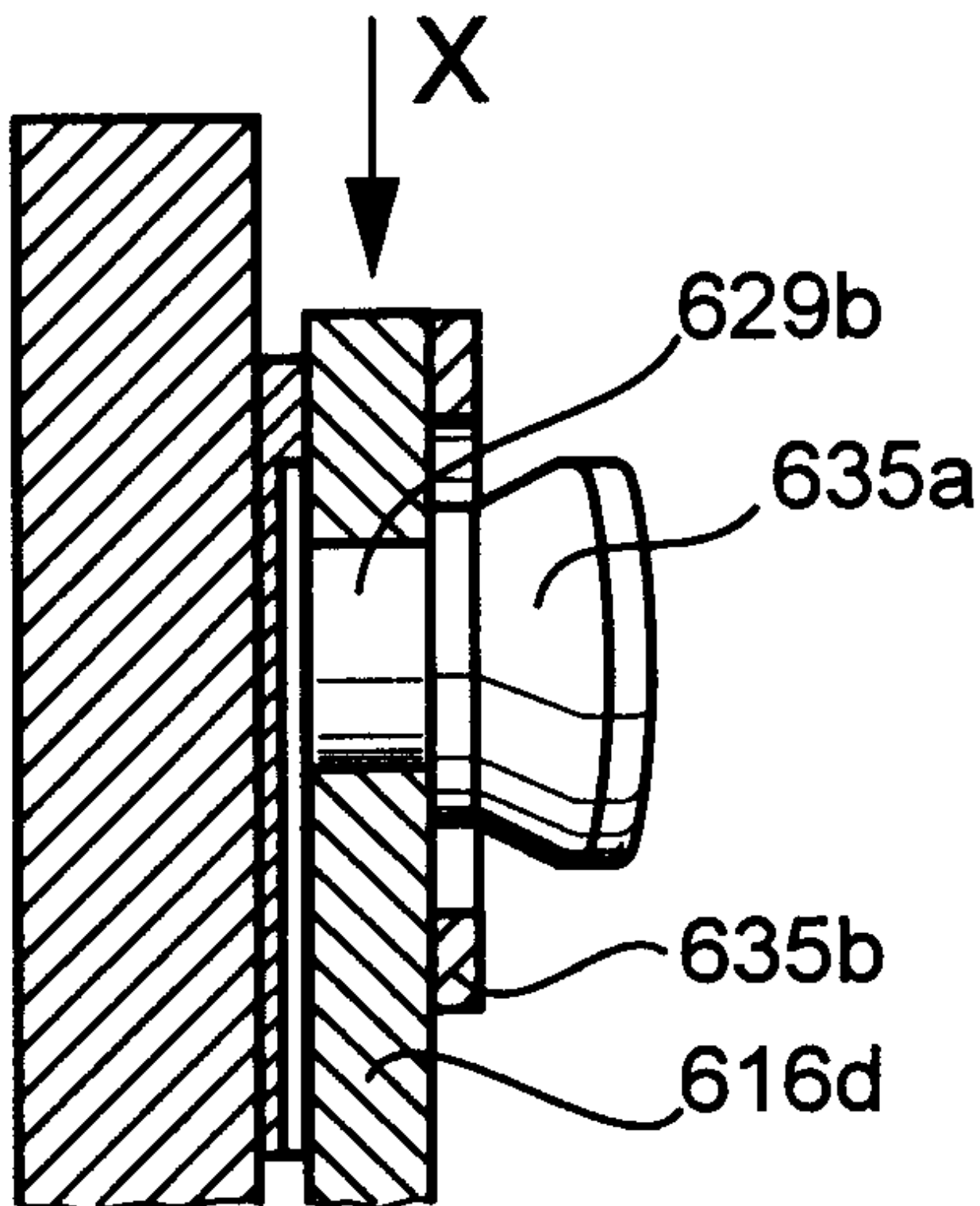
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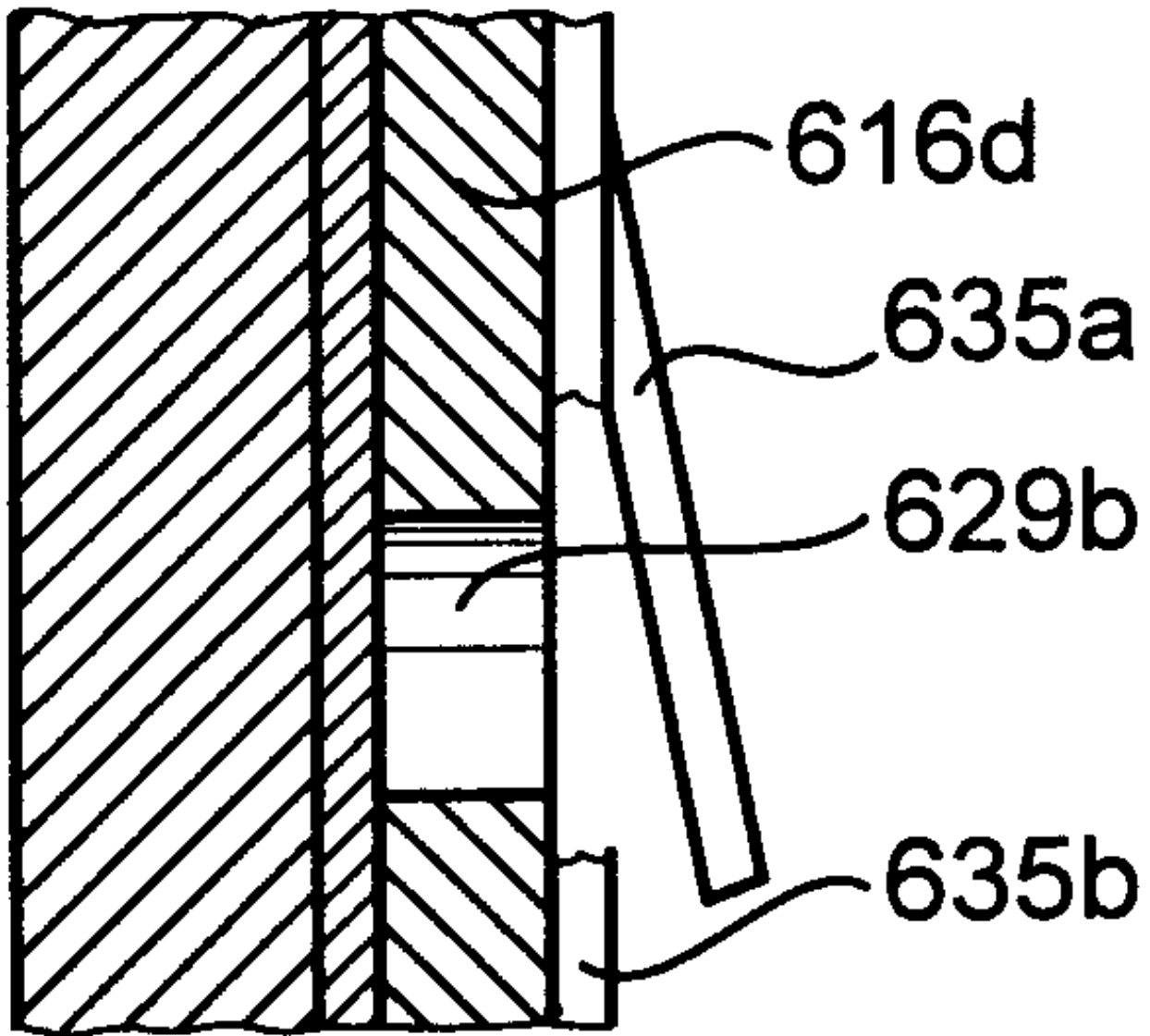
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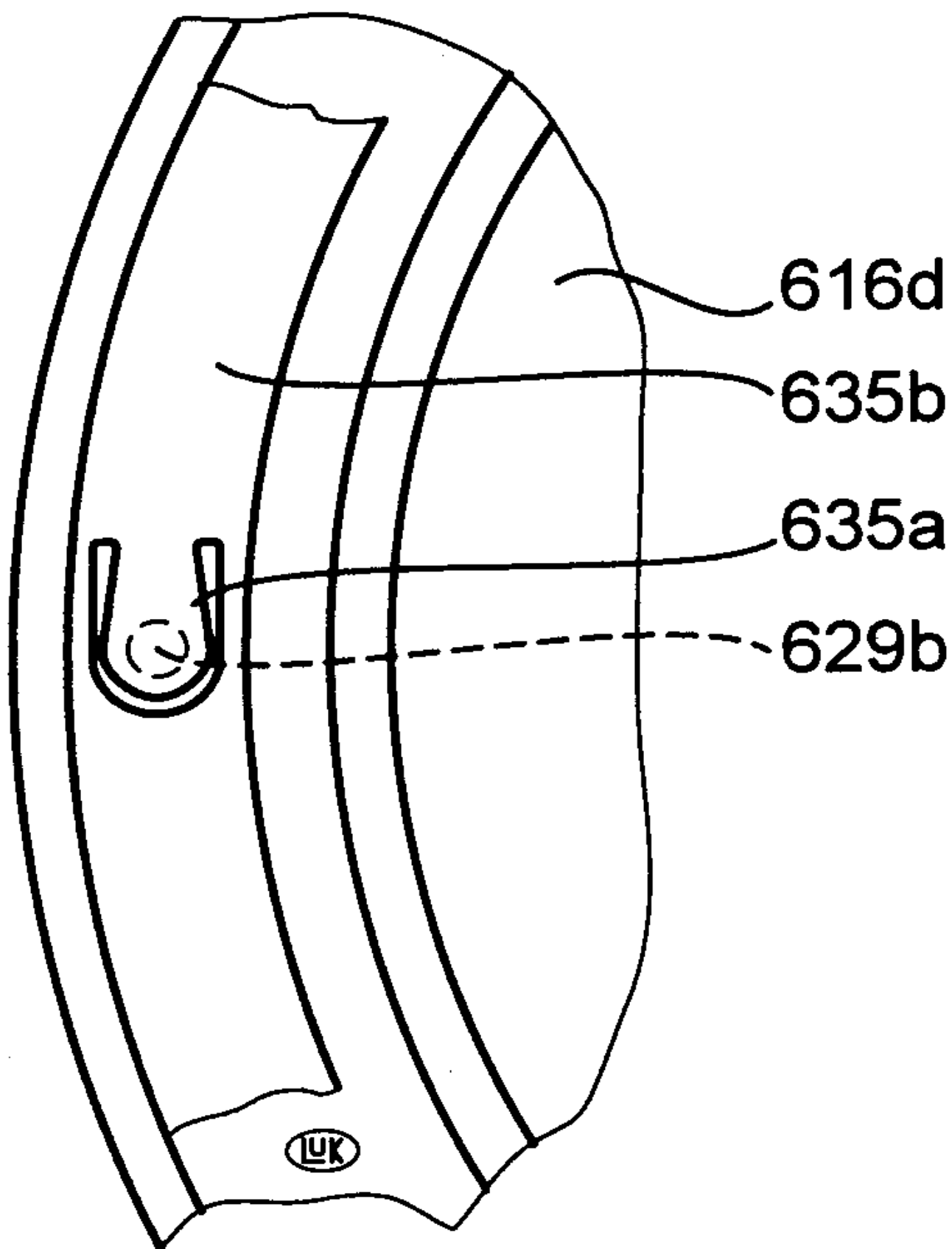


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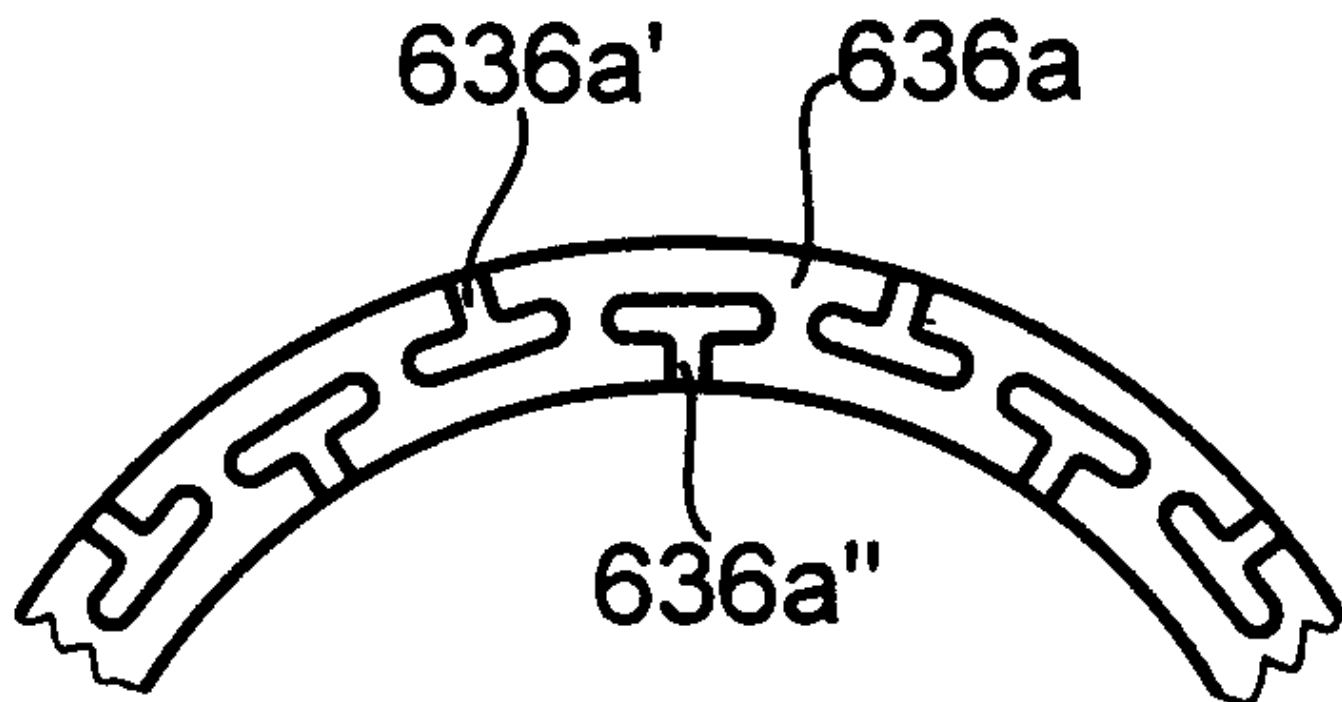


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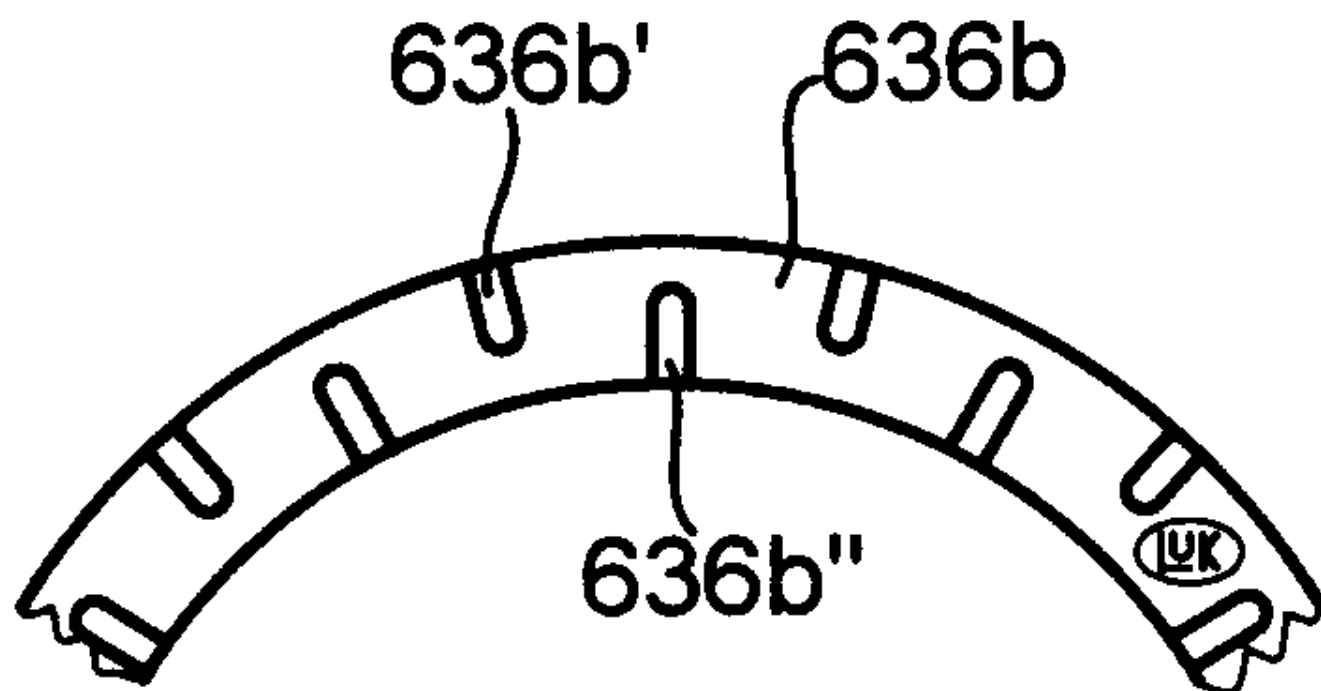




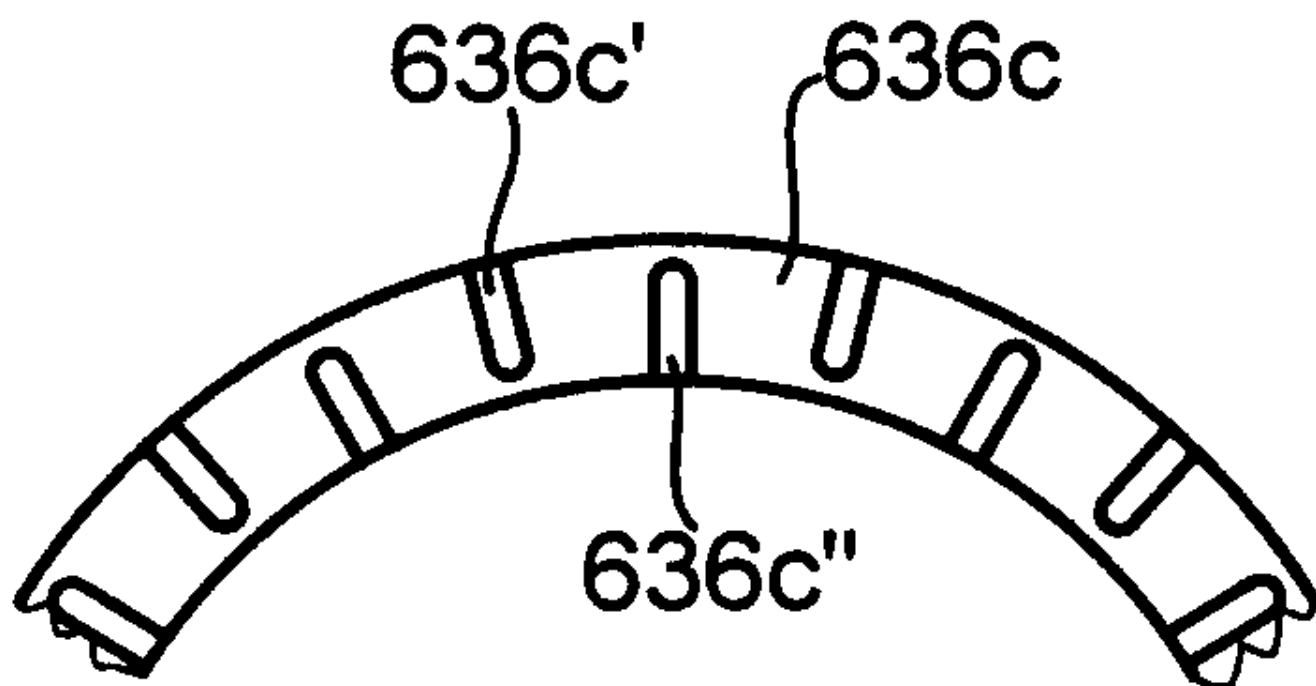
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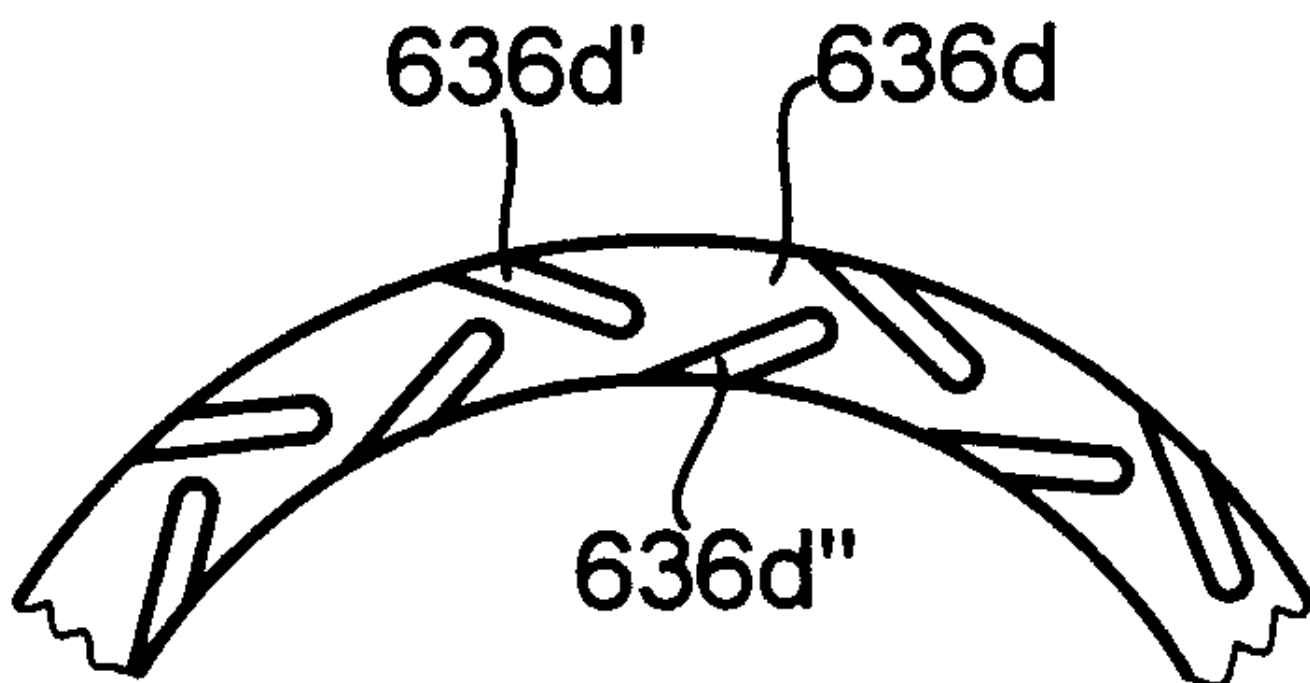
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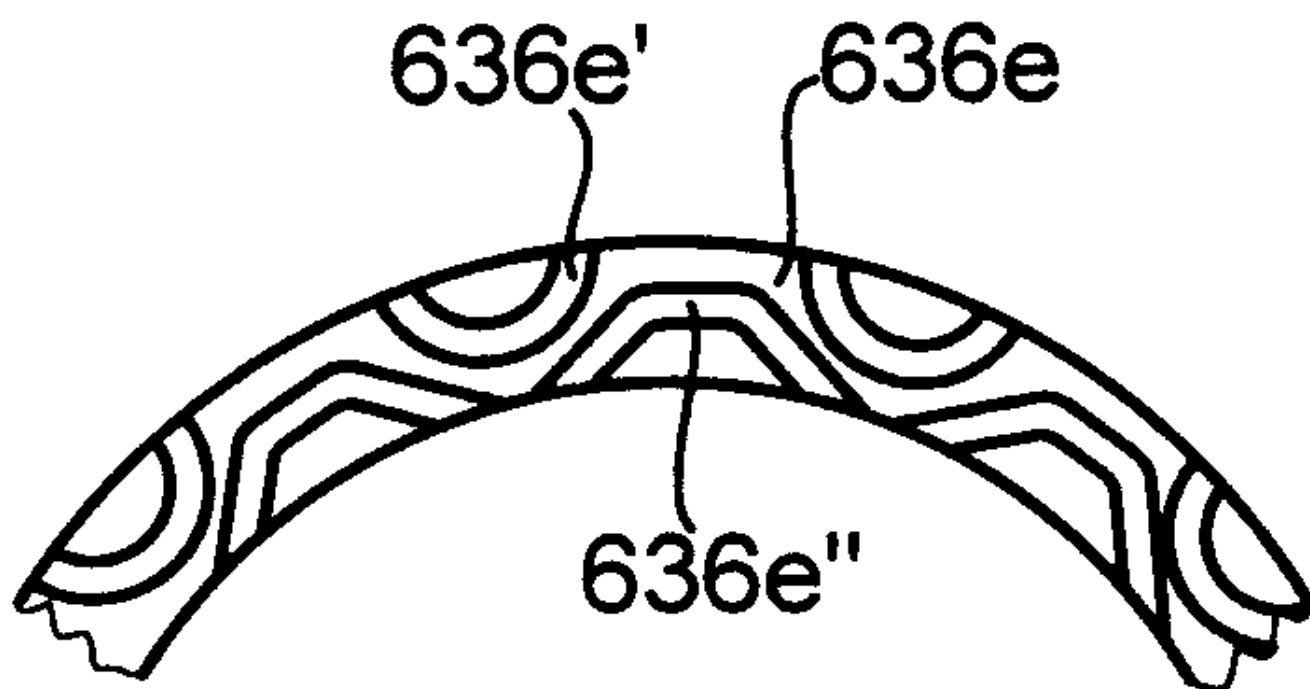
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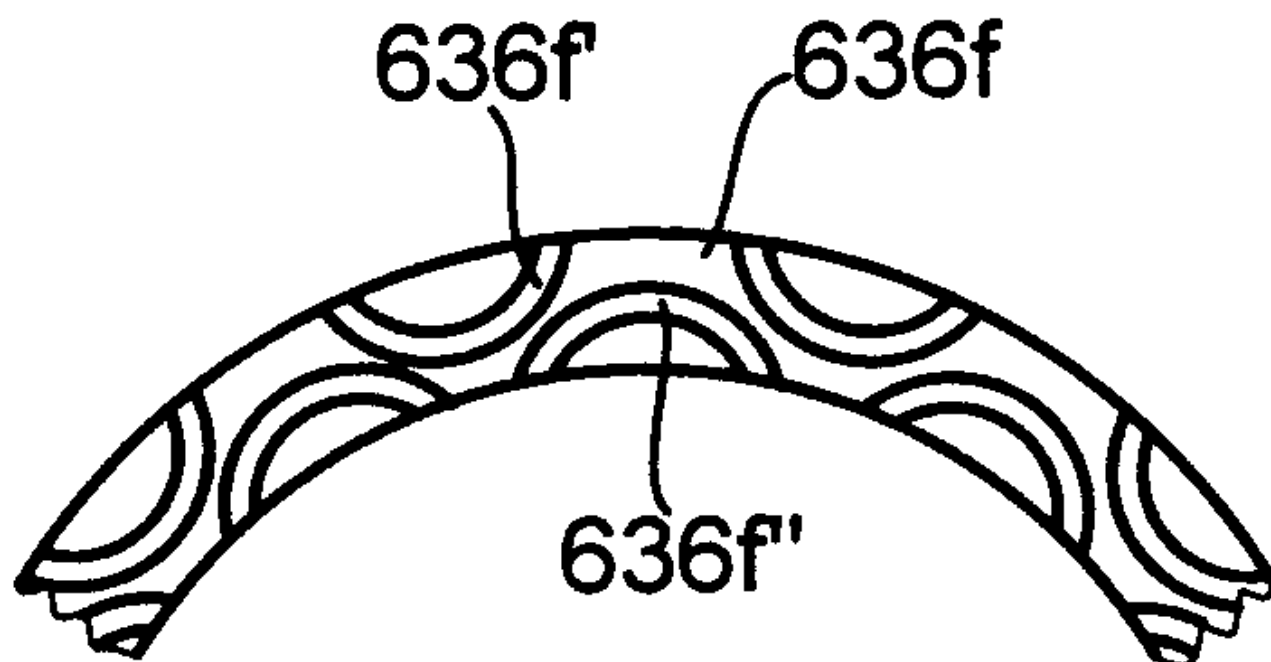
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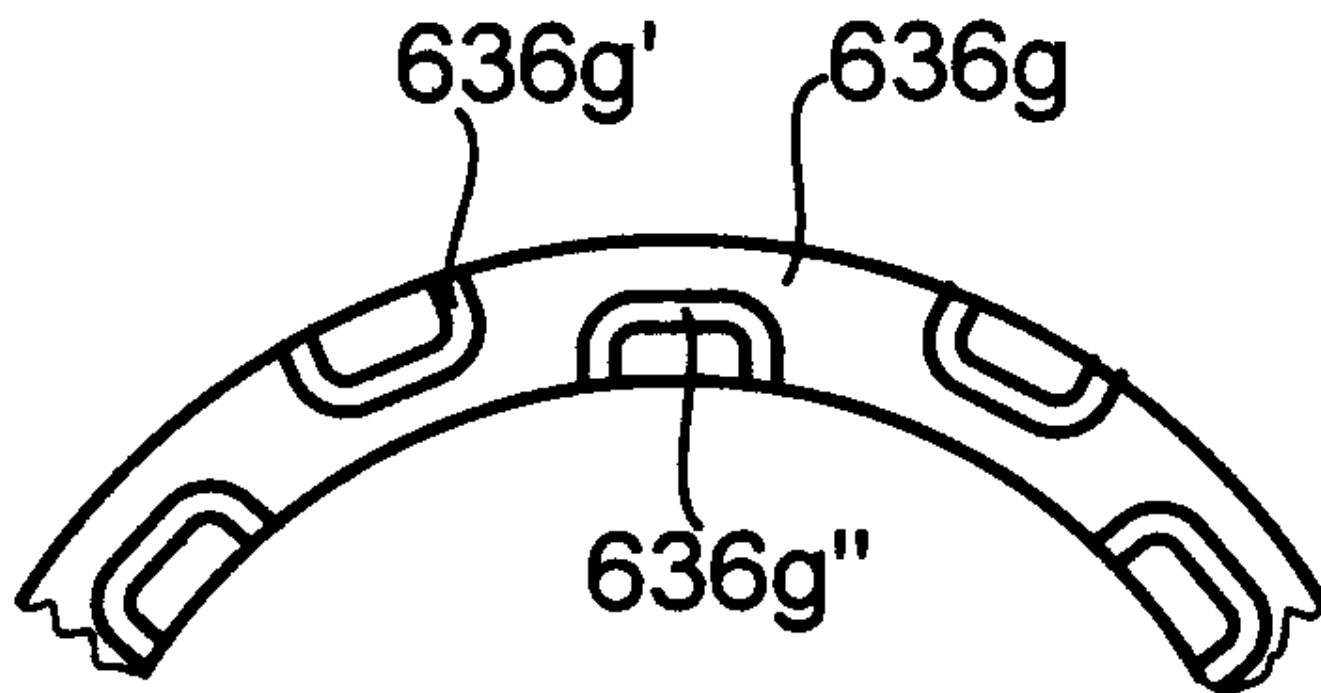
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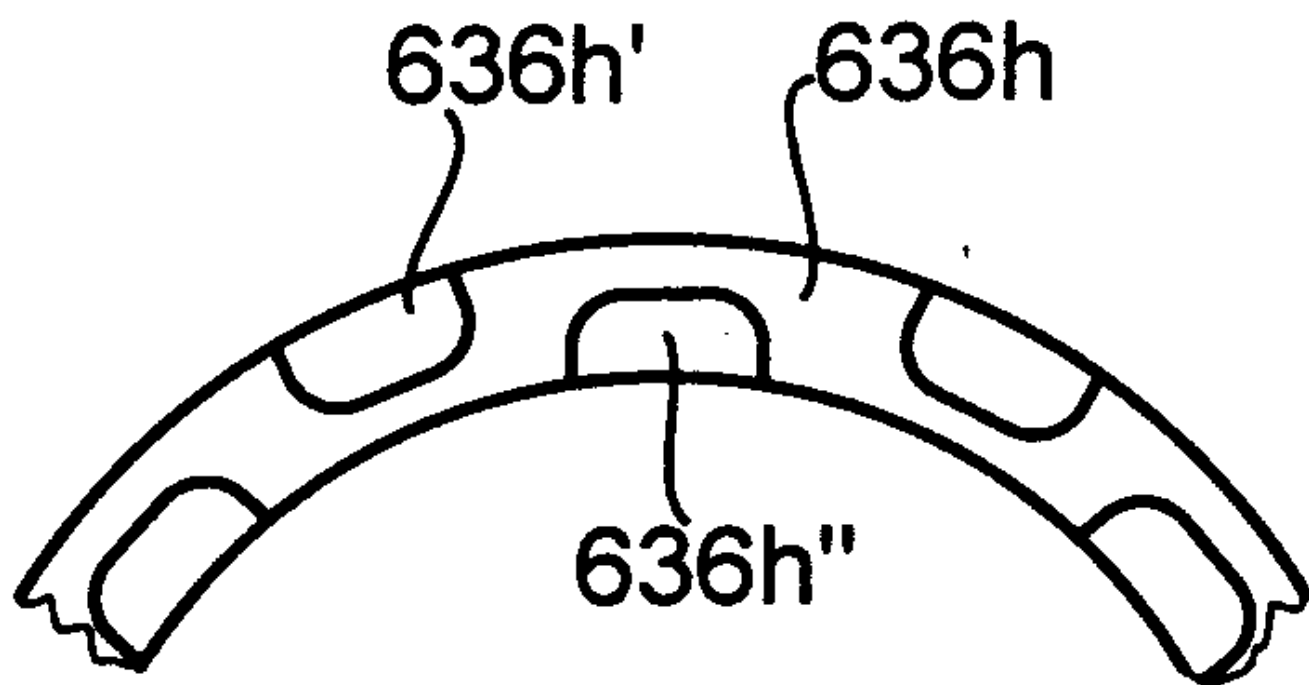
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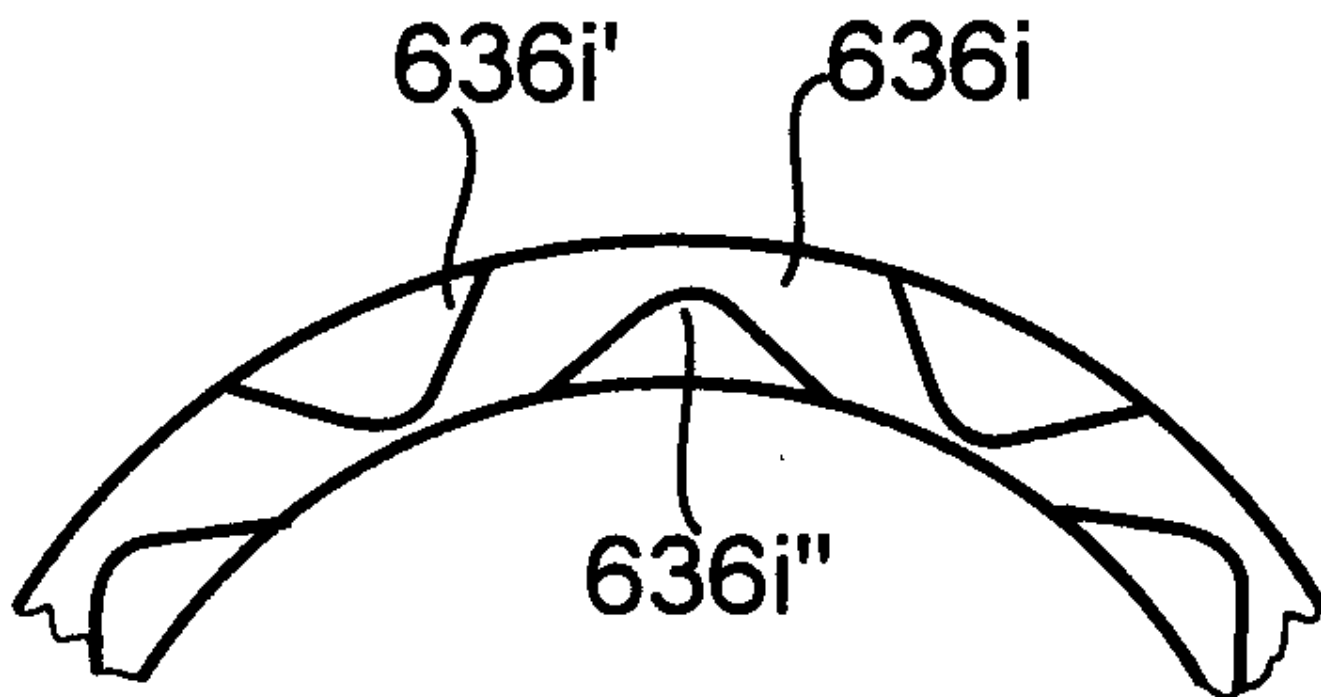
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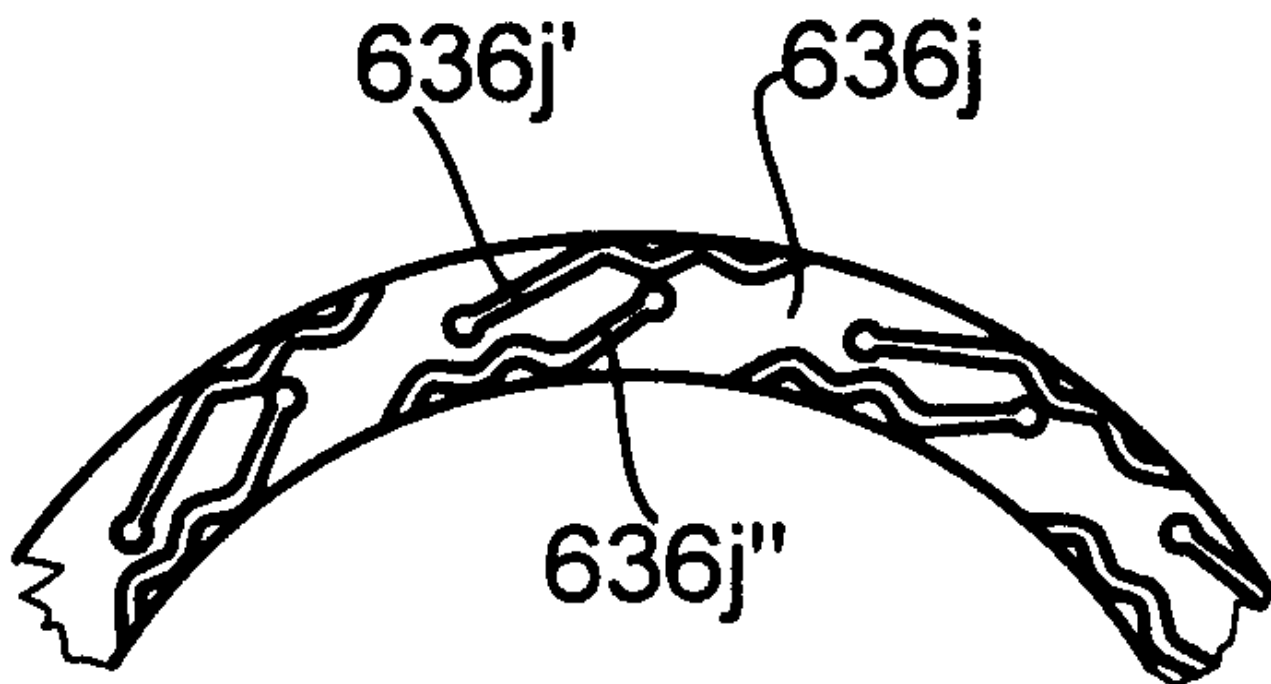
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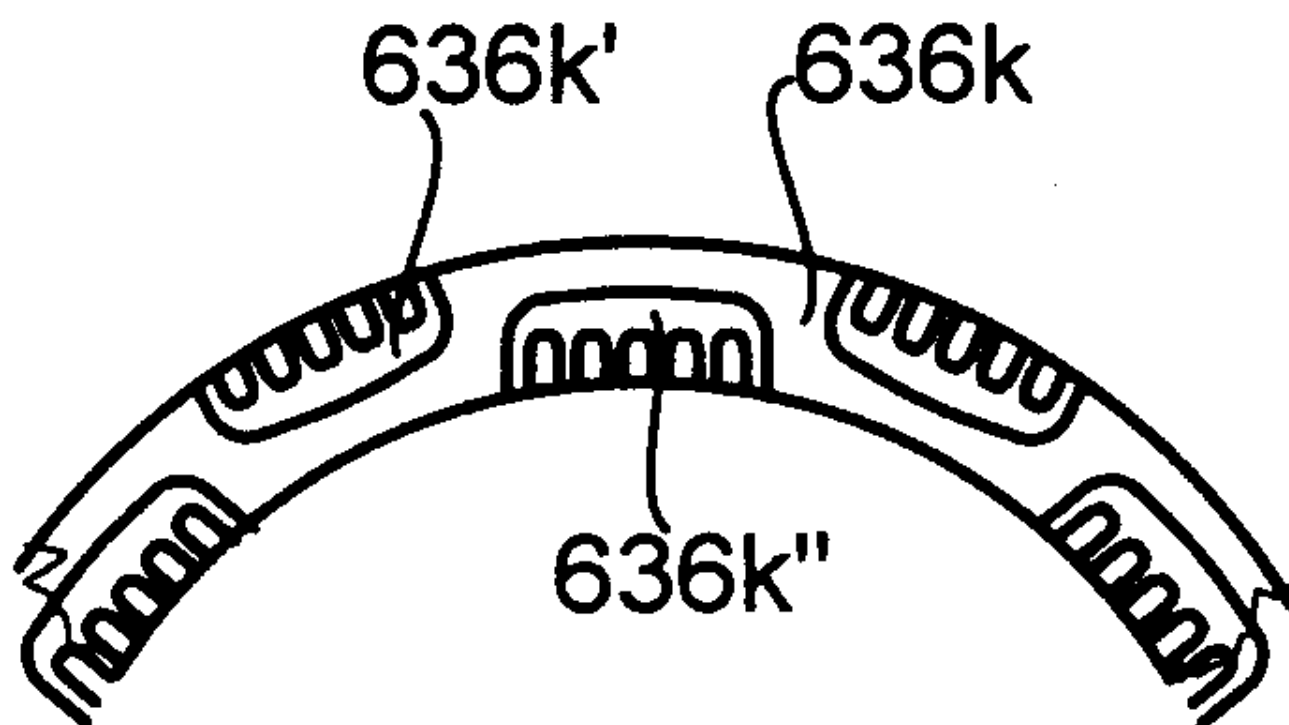
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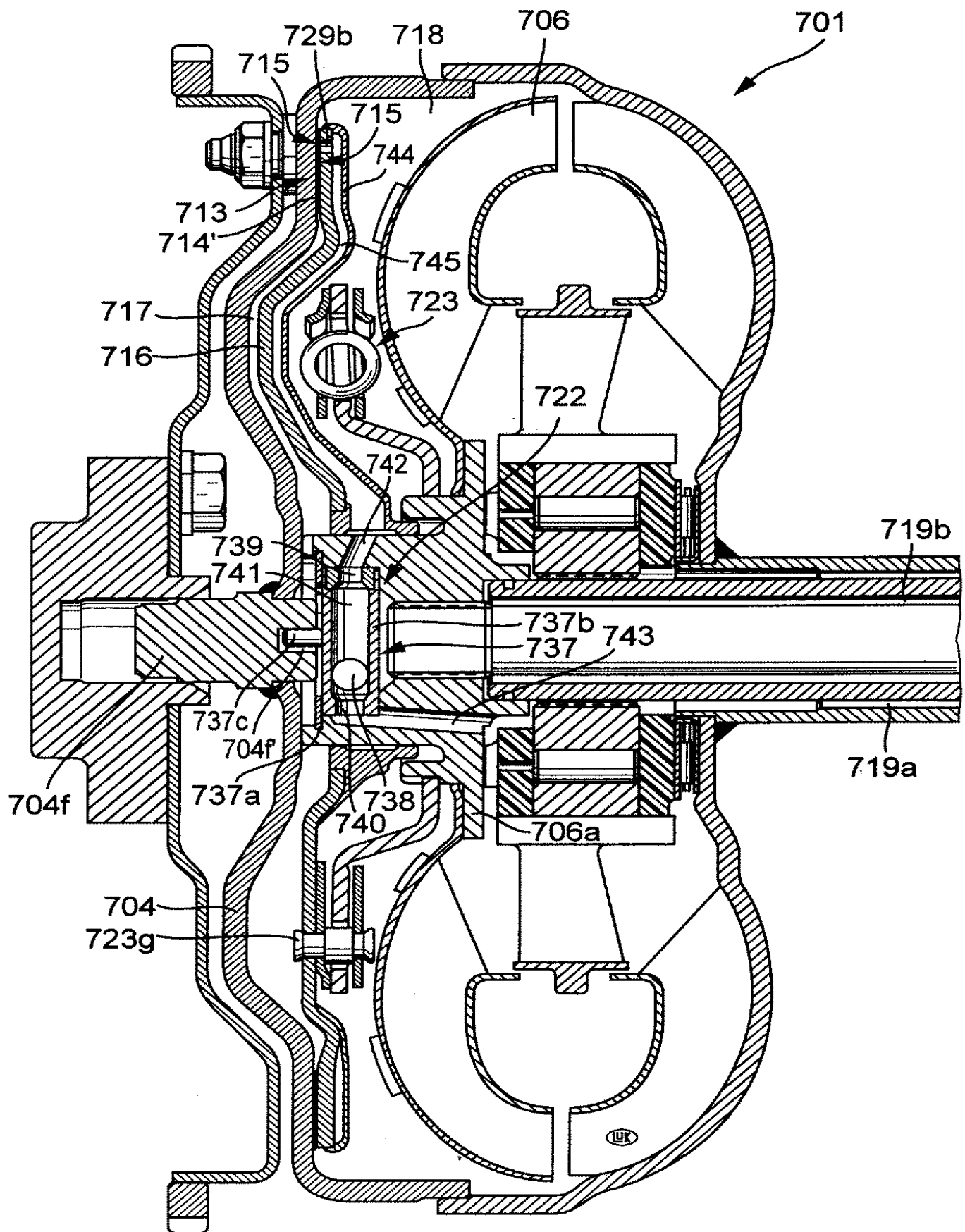
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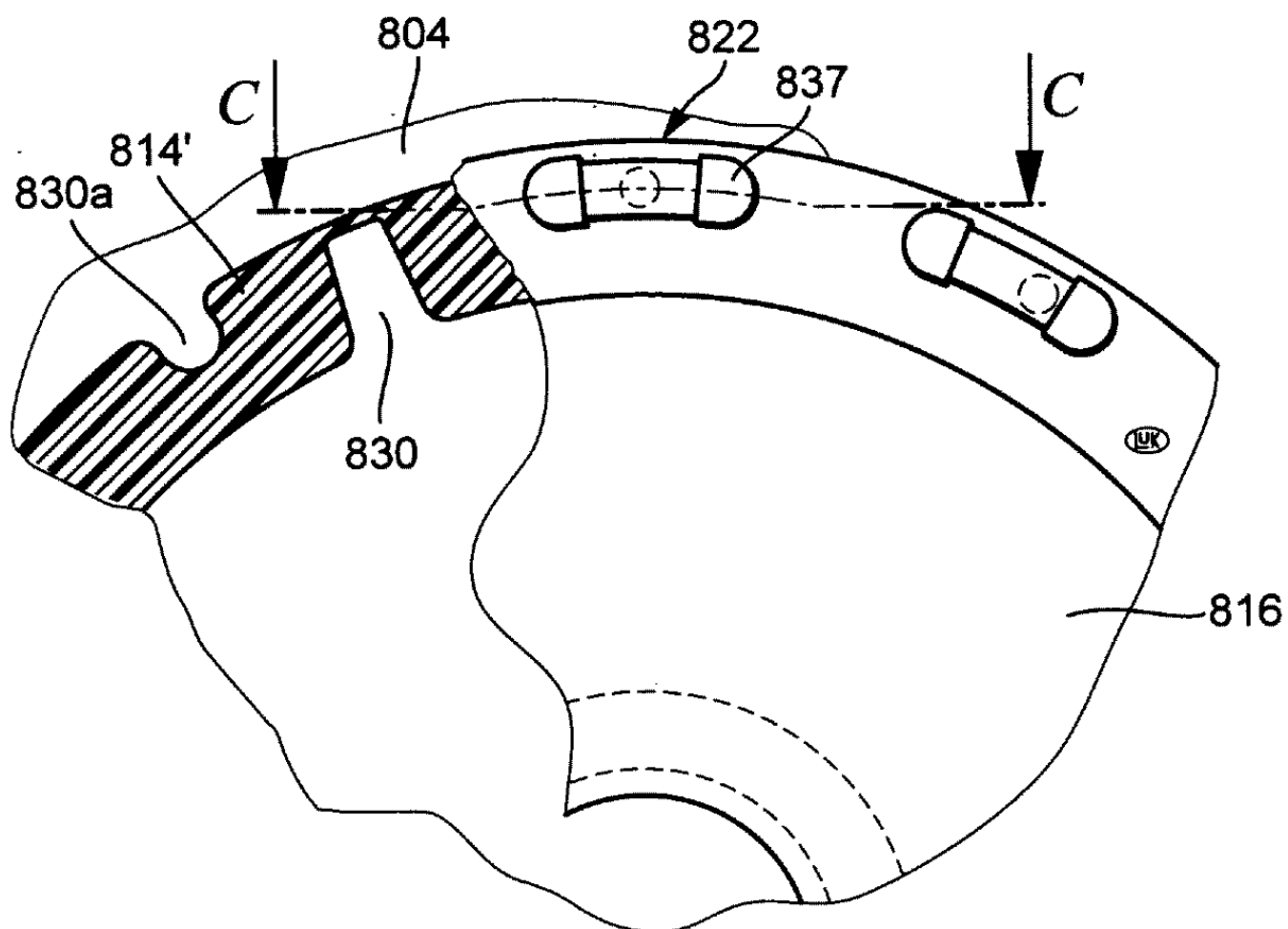
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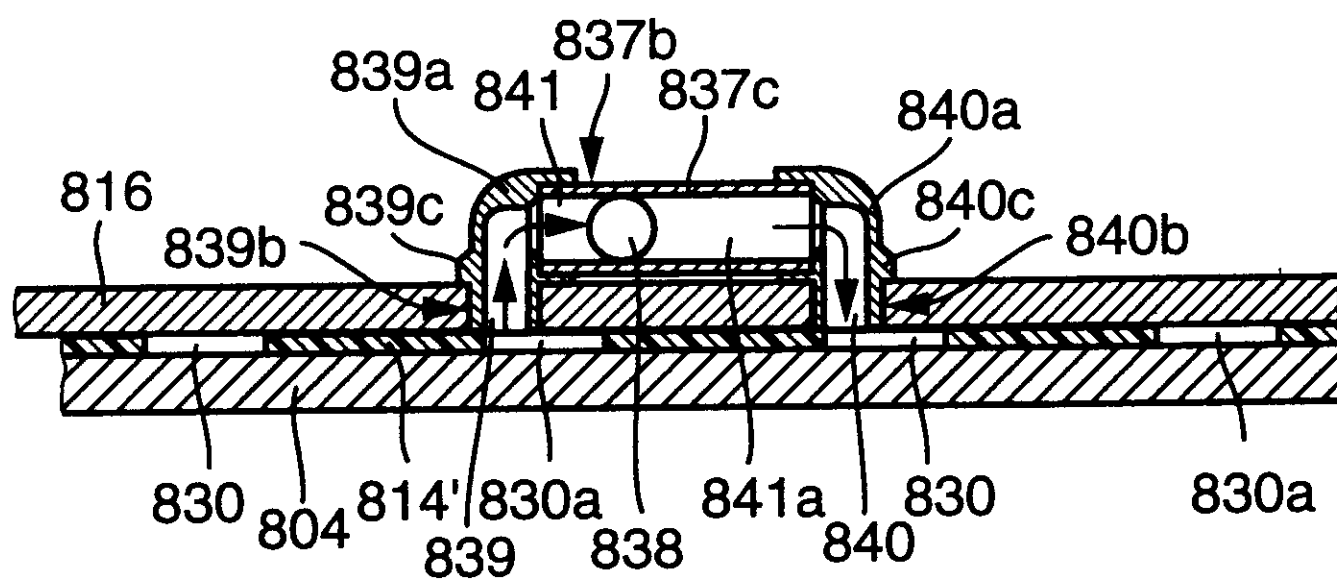
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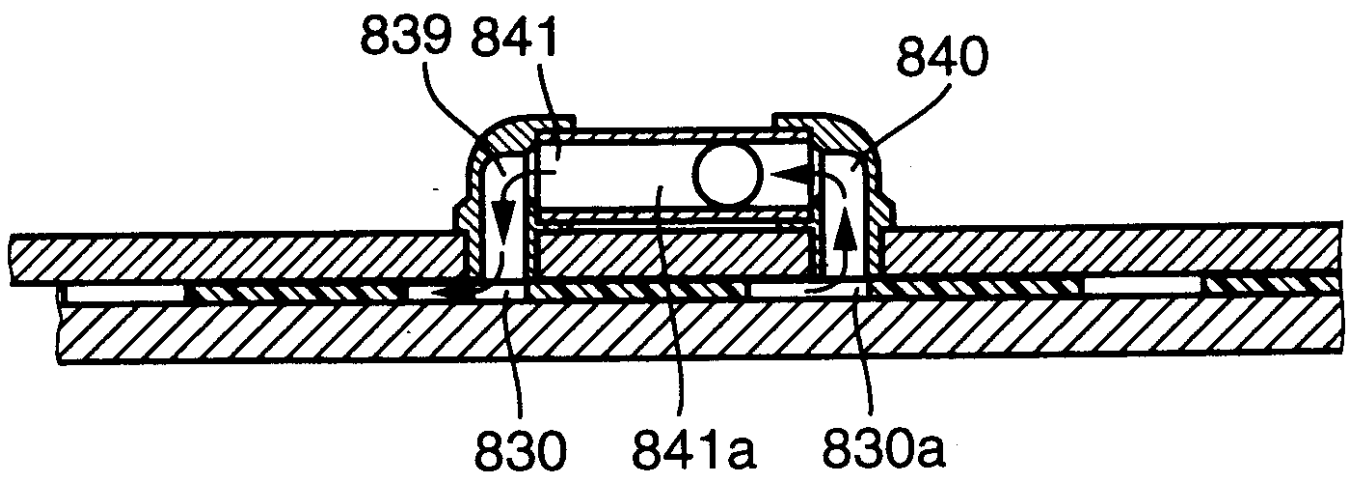
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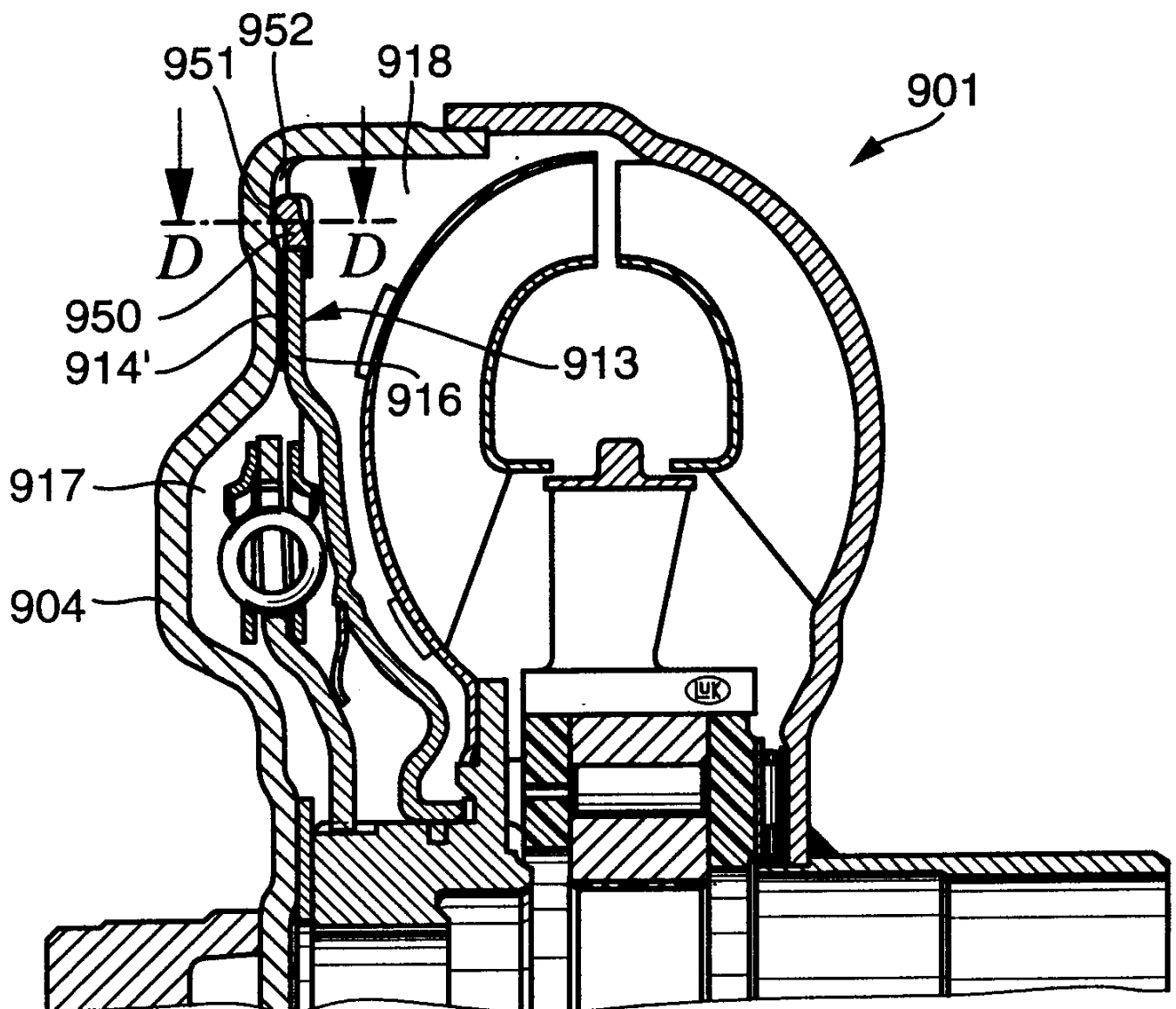
32a



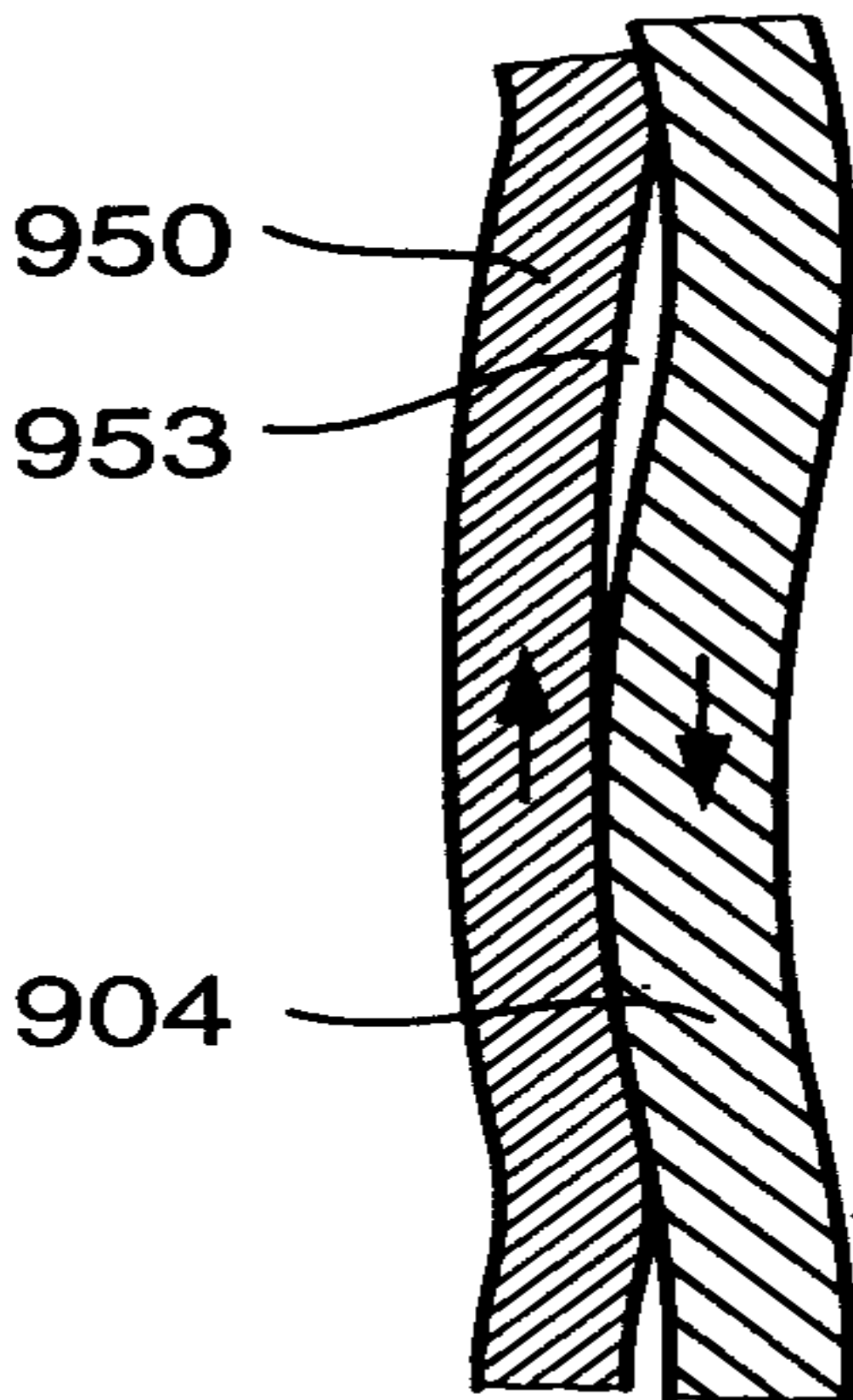
32b



33



34a



34b

