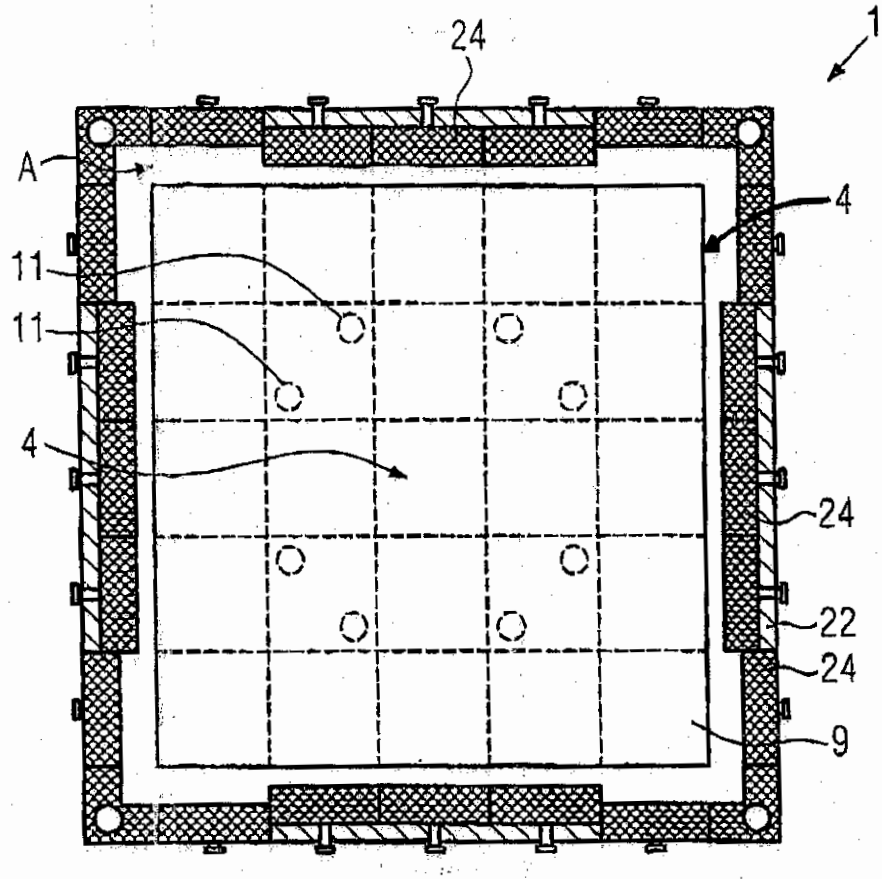

1
24
A
4
11
11
4
24
22
24
9

FIG. 1

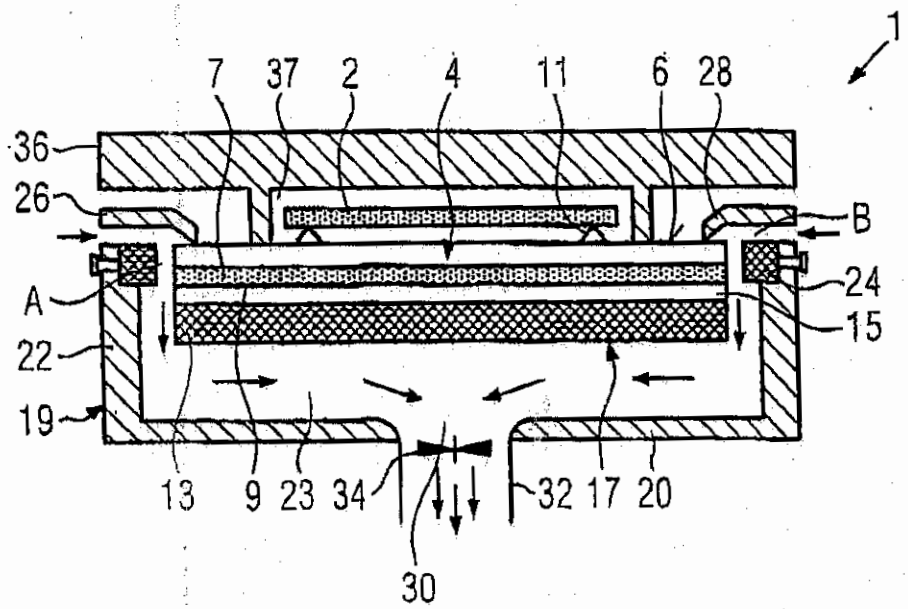

1
7
37
2
4
11
6
28
36
26
B
A
24
15
22
19
13
9
23
34
32
17
20
30

FIG. 2

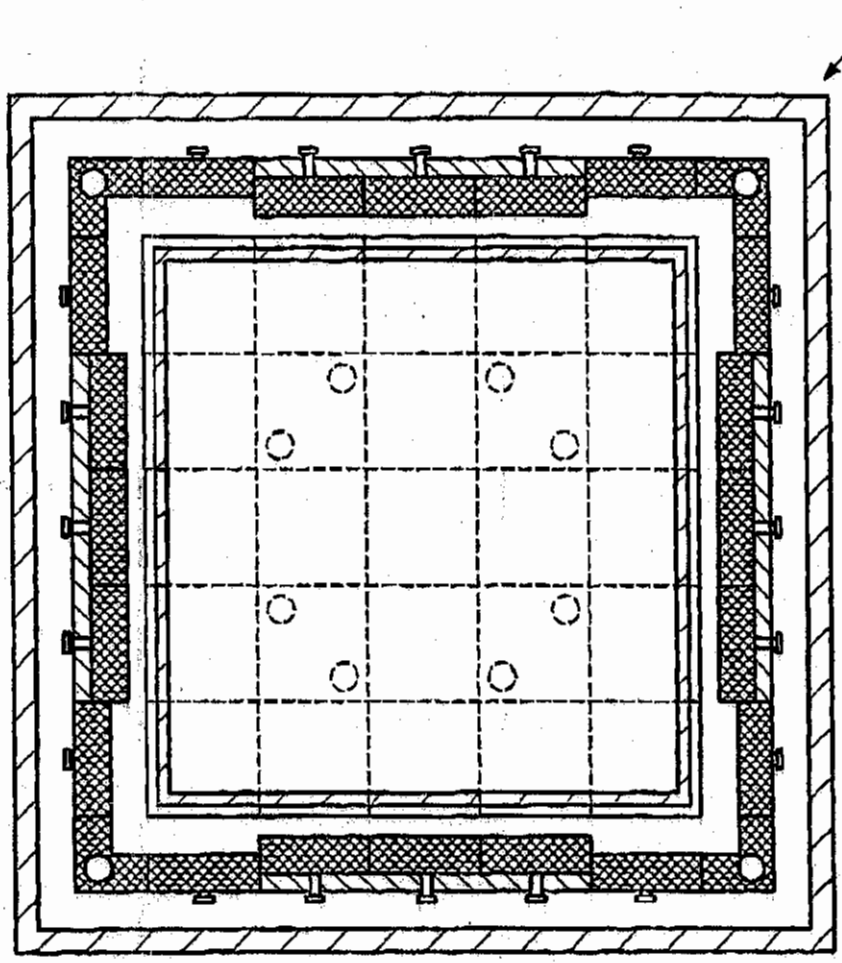


FIG. 3

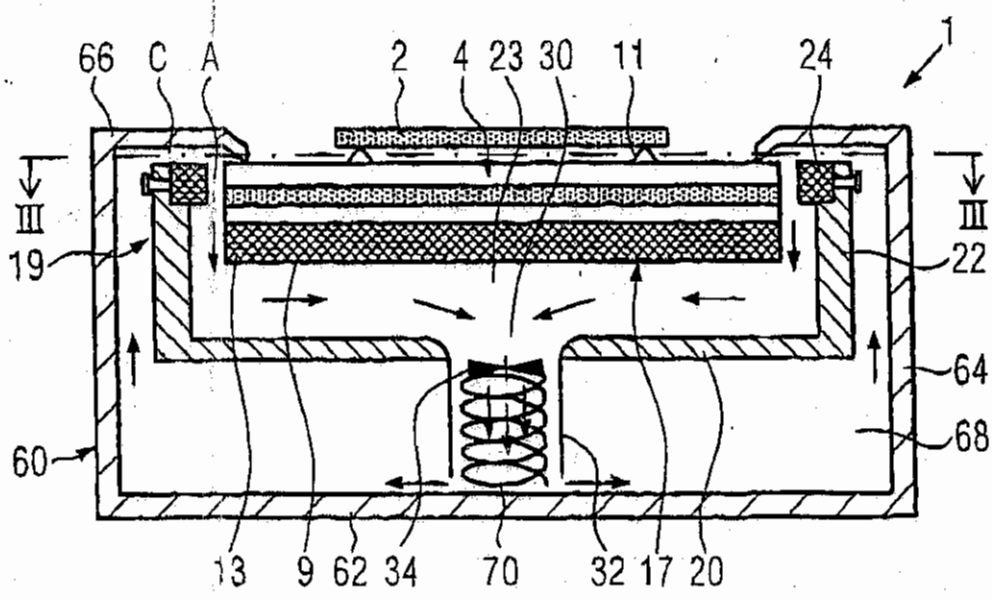


FIG. 4

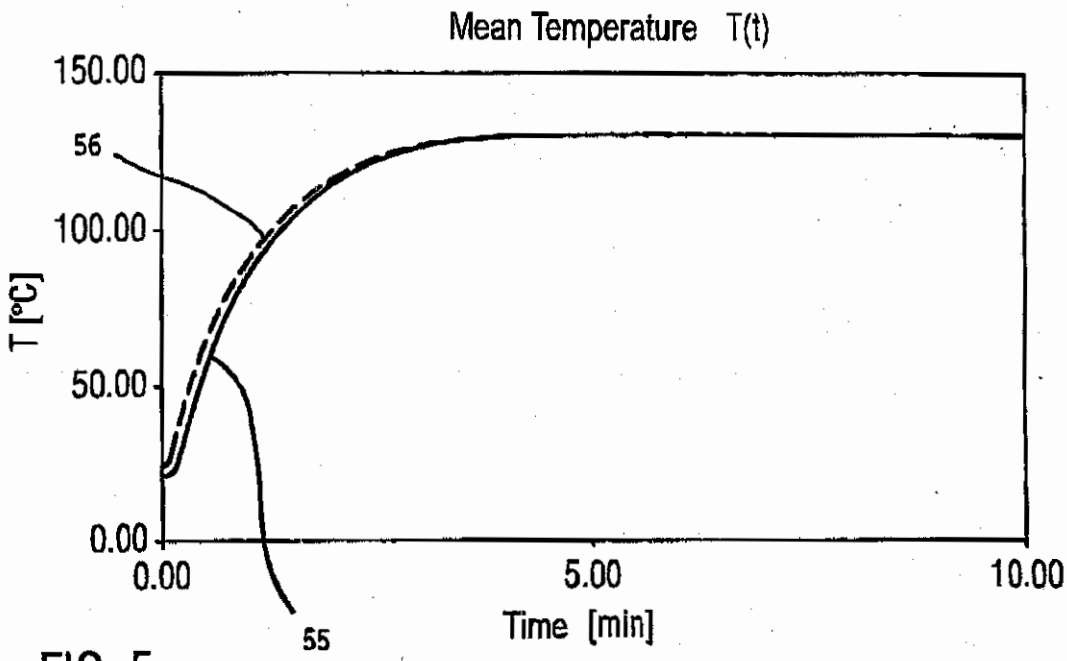

Mean Temperature T(t)
150.00
100.00
50.00
0.00
T [°C]
56
55
0.00
5.00
10.00
Time [min]

FIG. 5

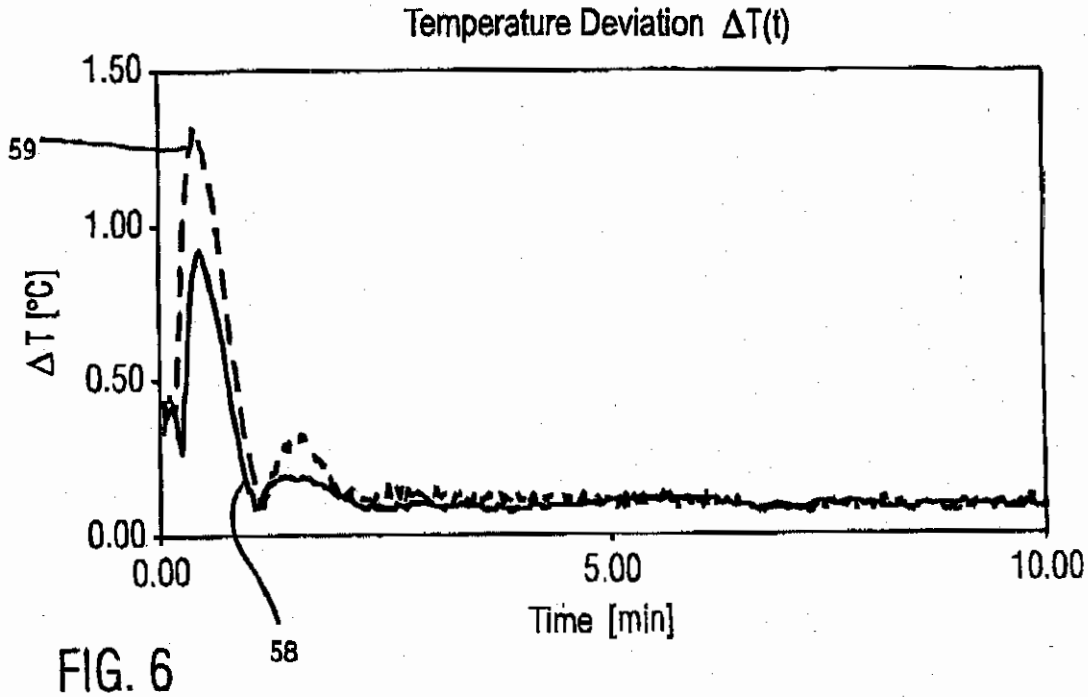

Temperature Deviation ΔT(t)
1.50
1.00
0.50
0.00
ΔT [°C]
59
58
0.00
5.00
10.00
Time [min]

FIG. 6

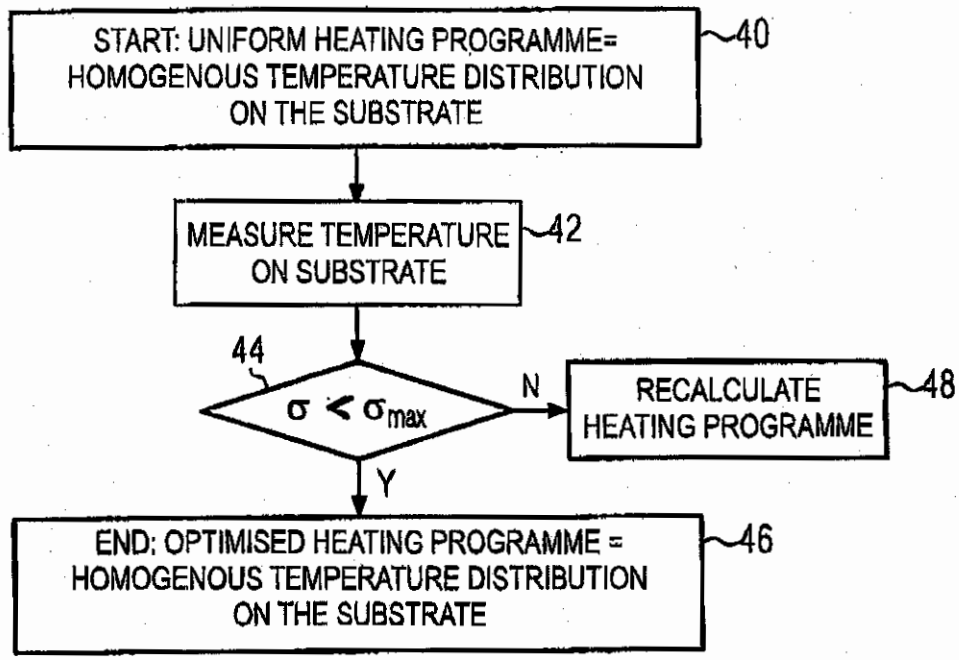

START: UNIFORM HEATING PROGRAMME= HOMOGENOUS TEMPERATURE DISTRIBUTION ON THE SUBSTRATE
40
MEASURE TEMPERATURE ON SUBSTRATE
42
44
$\sigma < \sigma_{max}$
N
RECALCULATE HEATING PROGRAMME
48
Y
END: OPTIMISED HEATING PROGRAMME = HOMOGENOUS TEMPERATURE DISTRIBUTION ON THE SUBSTRATE
46

FIG. 7

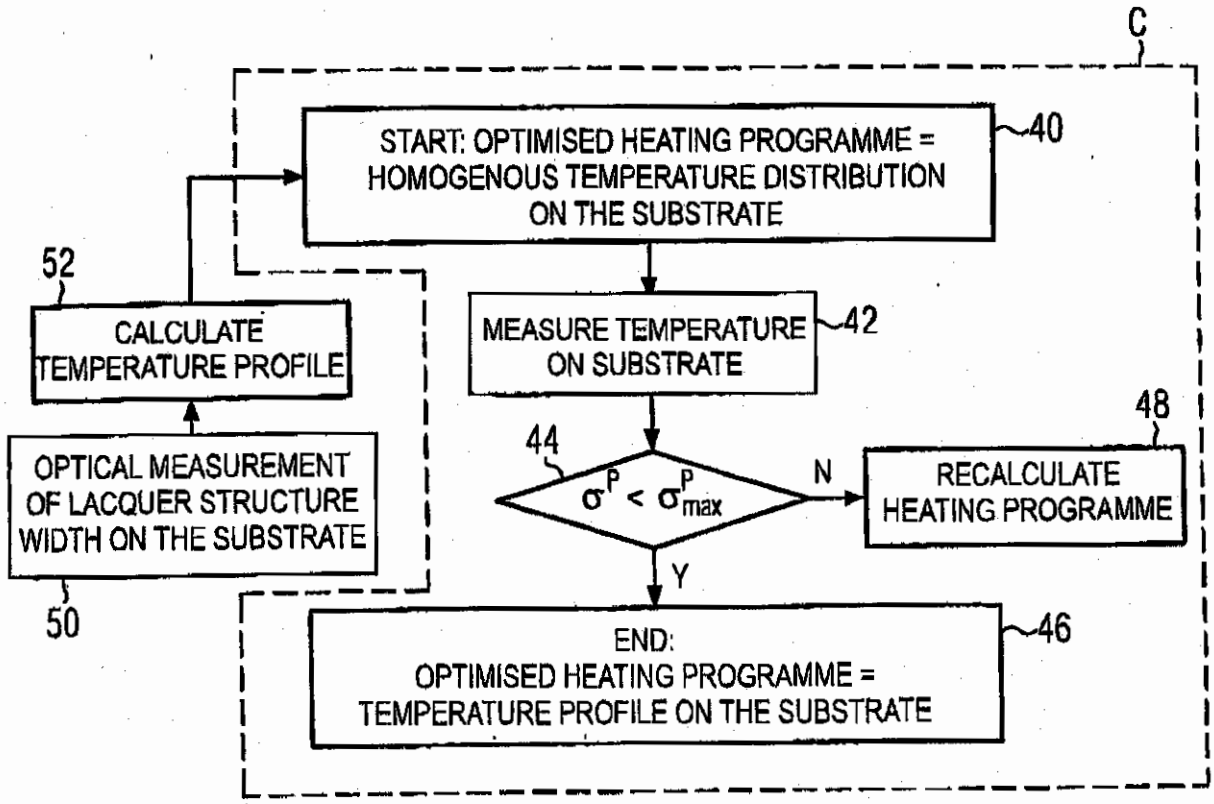

C
START: OPTIMISED HEATING PROGRAMME = HOMOGENOUS TEMPERATURE DISTRIBUTION ON THE SUBSTRATE
40
52
CALCULATE TEMPERATURE PROFILE
MEASURE TEMPERATURE ON SUBSTRATE
42
48
44
$\sigma^P < \sigma^P_{max}$
N
RECALCULATE HEATING PROGRAMME
OPTICAL MEASUREMENT OF LACQUER STRUCTURE WIDTH ON THE SUBSTRATE
50
Y
END: OPTIMISED HEATING PROGRAMME = TEMPERATURE PROFILE ON THE SUBSTRATE
46

FIG. 8

Step	Time (sec)	ZONE 1	ZONE 2		ZONE 24	ZONE 25	Fan Speed
1	0	97.47	97.47	•	110.27	110.27	12000
2	20	99.35	99.35	•	111.15	111.15	5000
3	20	103.72	103.72	•	114.69	114.69	2000
4	20	113.77	113.77	•	122.32	122.32	2000
5	20	119.1	119.1	•	125.83	125.83	2000
6	20	123.96	123.96	•	129.8	129.8	2000
7	20	126.59	126.59	•	132.17	132.17	2000
8	20	129.03	129.03	•	134.16	134.16	2000
9	20	131.32	131.32	•	135.5	135.5	2000
10	20	133.03	133.03	•	136.68	136.68	2000
11	30	134.63	134.63	•	137.68	137.68	2000
12	30	135.88	135.88	•	138.22	138.22	2000
13	30	136.4	136.4	•	138.58	138.58	2000
14	30	136.35	136.35	•	139.22	139.22	2000
15	30	138.39	138.39	•	141.39	141.39	2000
16	30	137.52	137.52	•	140.07	140.07	2000
17	30	137.6	137.6	•	140.03	140.03	2000
18	30	137.89	137.89	•	140.39	140.39	2000
19	30	137.93	137.93	•	140.47	140.47	2000
20	30	137.96	137.96	•	140.45	140.45	2000
21	30	137.88	137.88	•	140.39	140.39	2000
22	30	137.82	137.82	•	140.36	140.36	2000
23	30	137.83	137.83	•	140.28	140.28	2000
24	30	137.85	137.85	•	140.35	140.35	2000
25	0	97.47	97.47	•	110.27	110.27	5000

FIG. 9

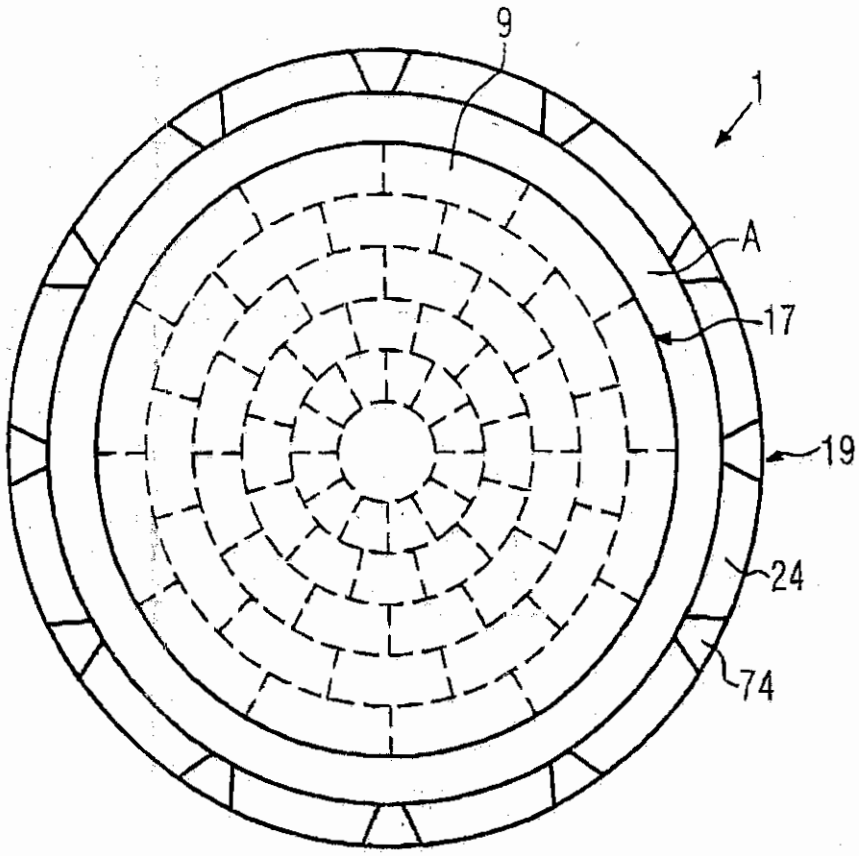


FIG. 10

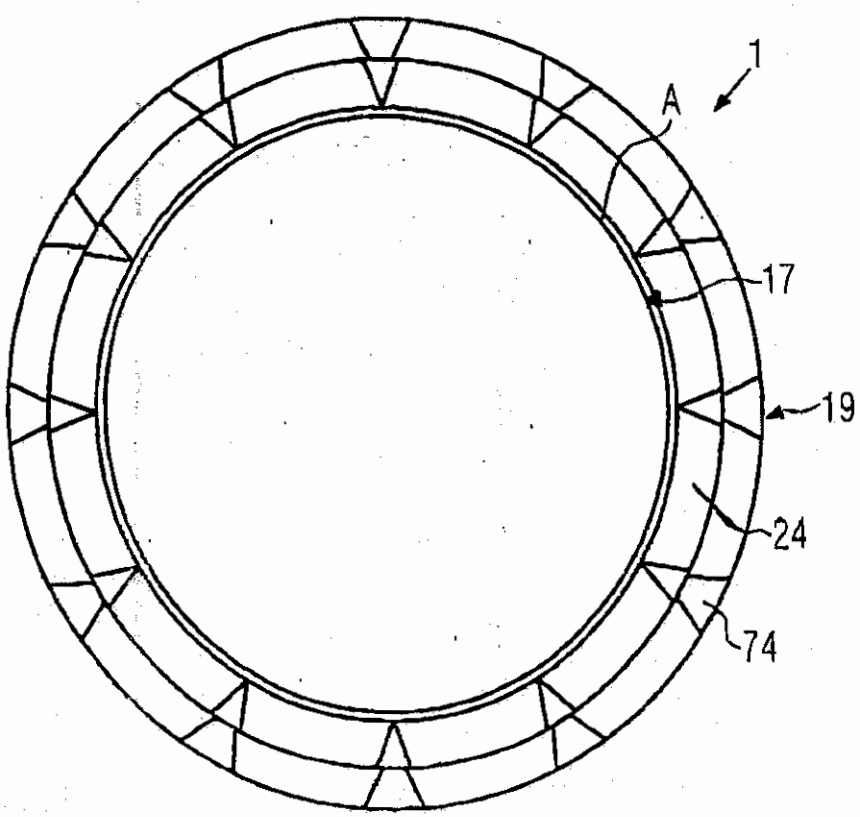


FIG. 11

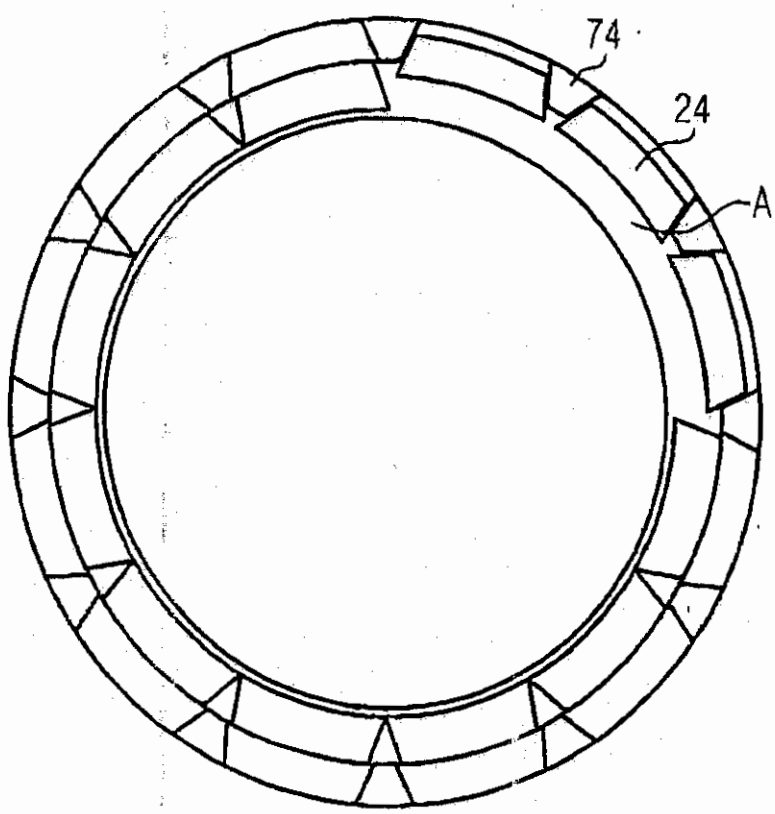


FIG. 12