

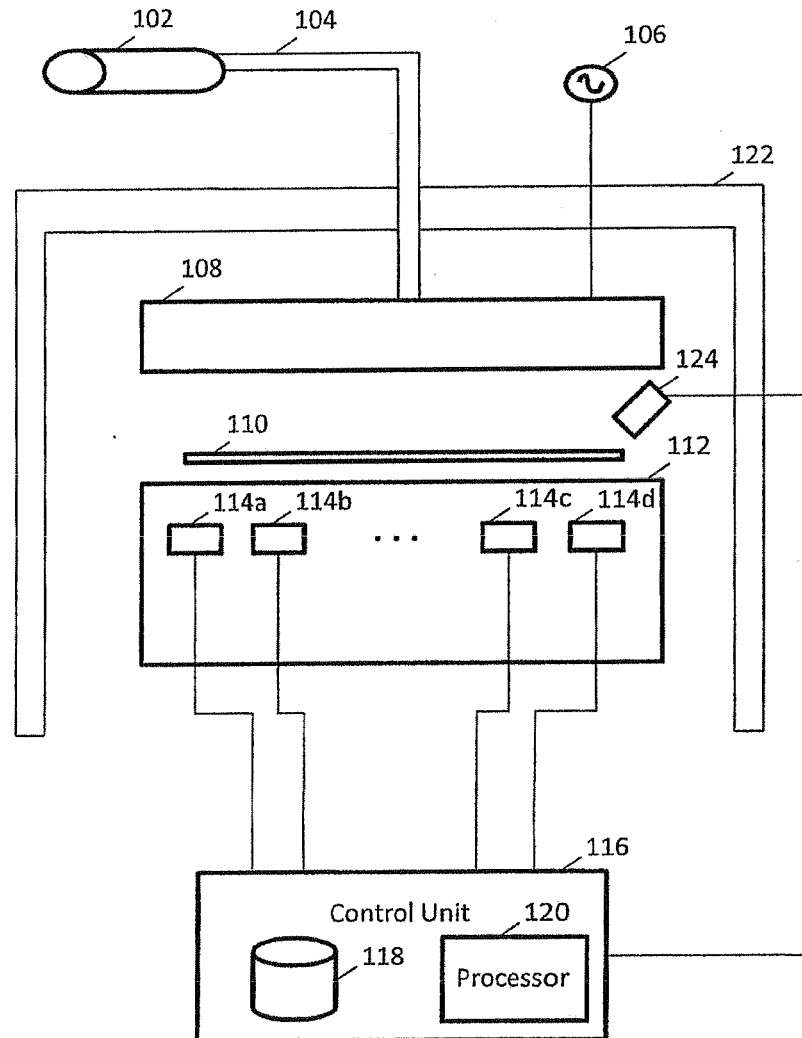


FIG. 1

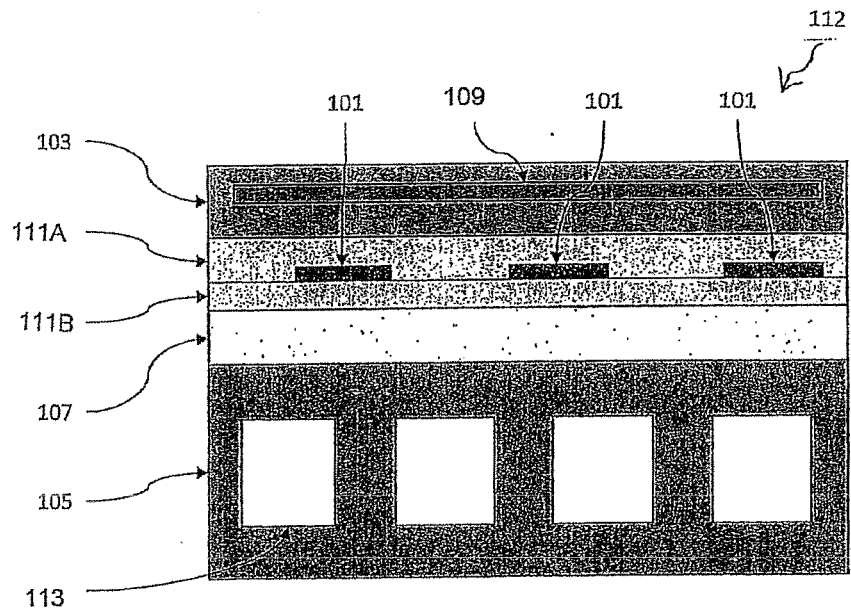
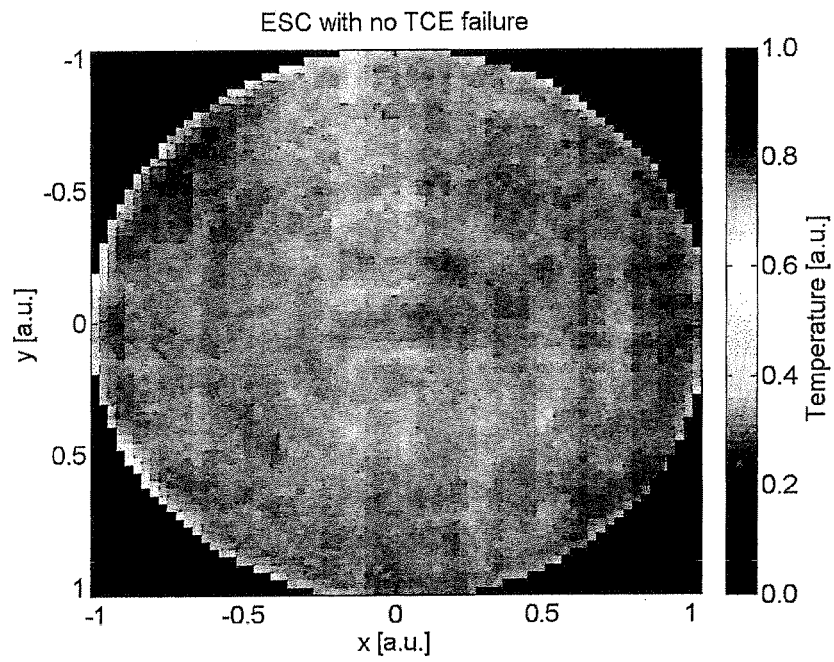
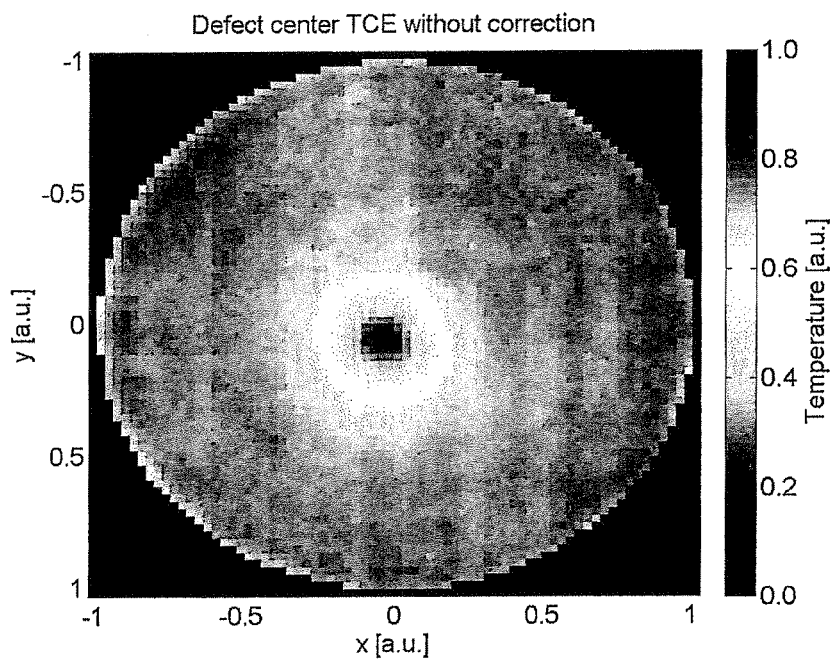


FIG. 2

**FIG. 3A****FIG. 3B**

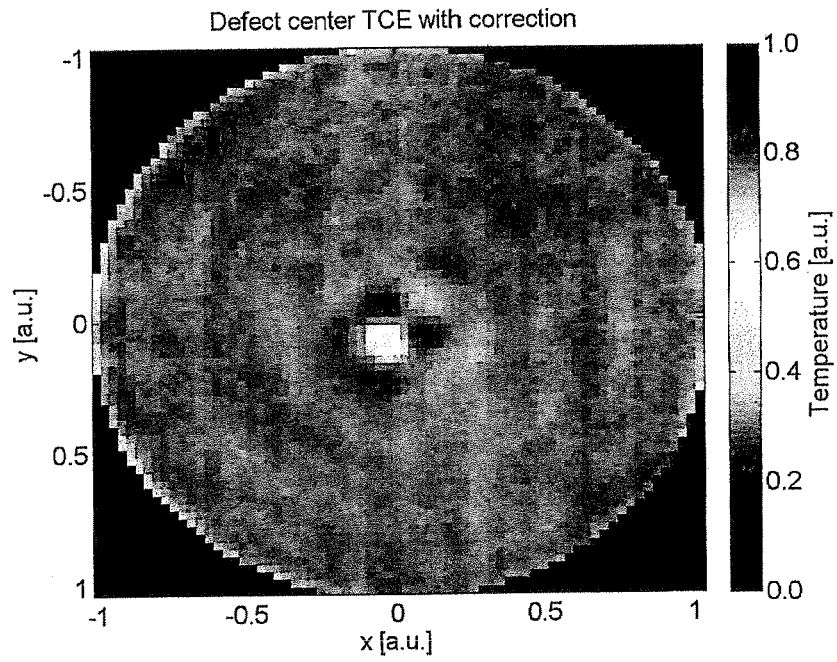


FIG. 3C

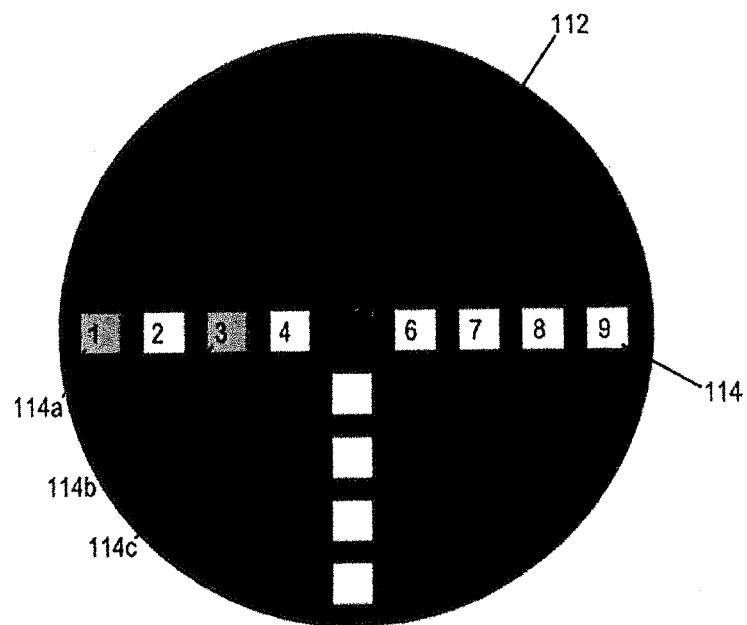


FIG. 4

Without Compensation

	Min.	Mean	Max.	σ
	[a.u.]	[a.u.]	[a.u.]	[a.u.]
No Failure	0.75	0.82	0.89	0.01
Edge TCE Failure	0.00	0.80	0.88	0.08
Mid TCE Failure	0.33	0.80	0.89	0.05
Center TCE Failure	0.50	0.81	0.89	0.04

FIG. 5A

With Compensation

	Min.	Mean	Max.	σ
	[a.u.]	[a.u.]	[a.u.]	[a.u.]
No Failure	0.75	0.82	0.89	0.01
Edge TCE Failure	0.45	0.81	1.00	0.02
Mid TCE Failure	0.62	0.83	0.92	0.02
Center TCE Failure	0.71	0.83	0.89	0.01

FIG. 5B

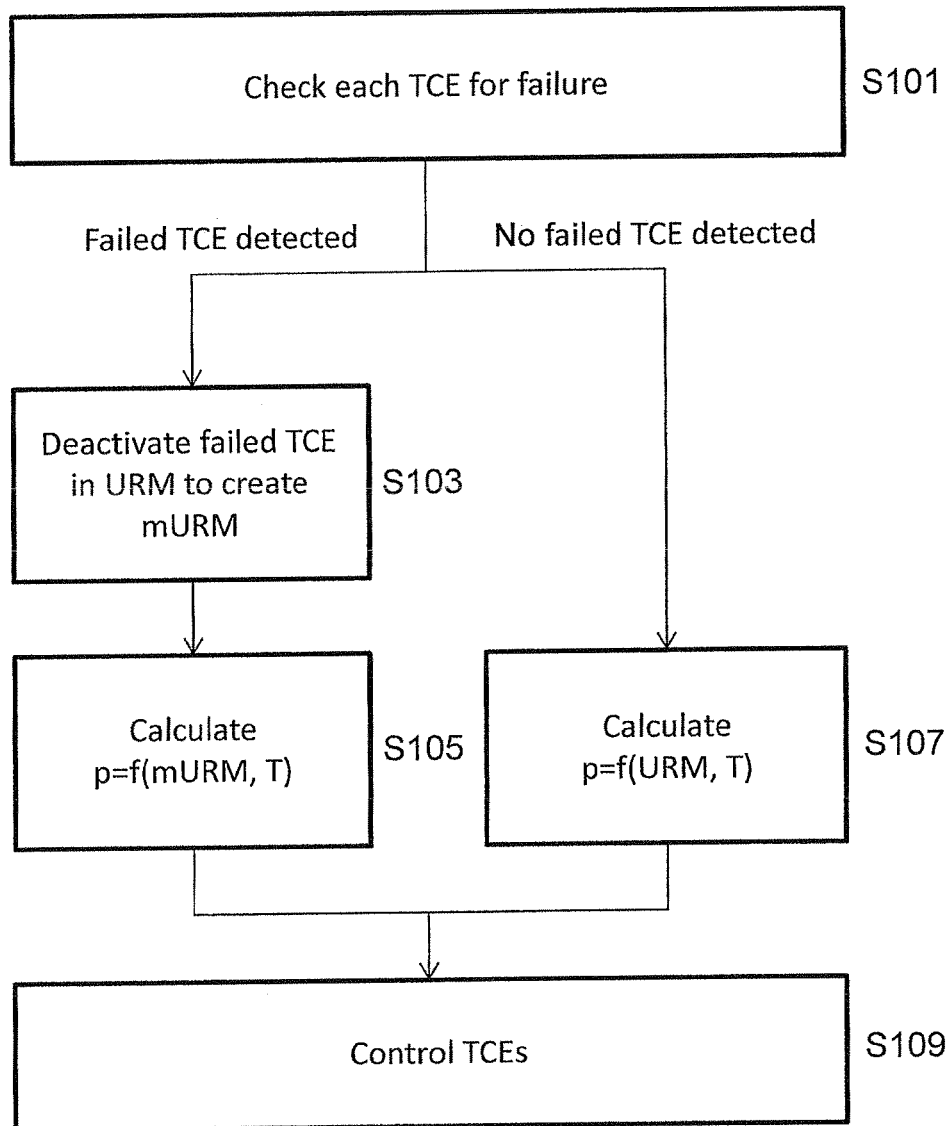


FIG. 6

Temperature measured
on coordinate grid

Temp. response of TCE j to power input

Power
Input

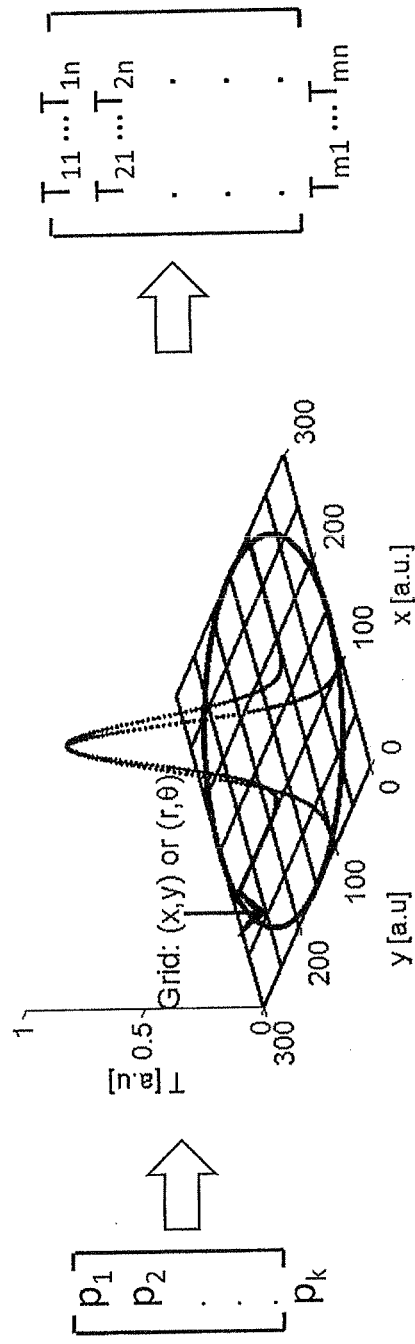
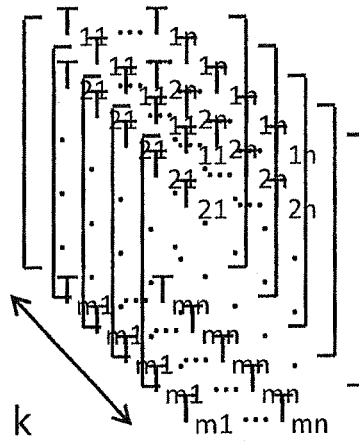


FIG. 7



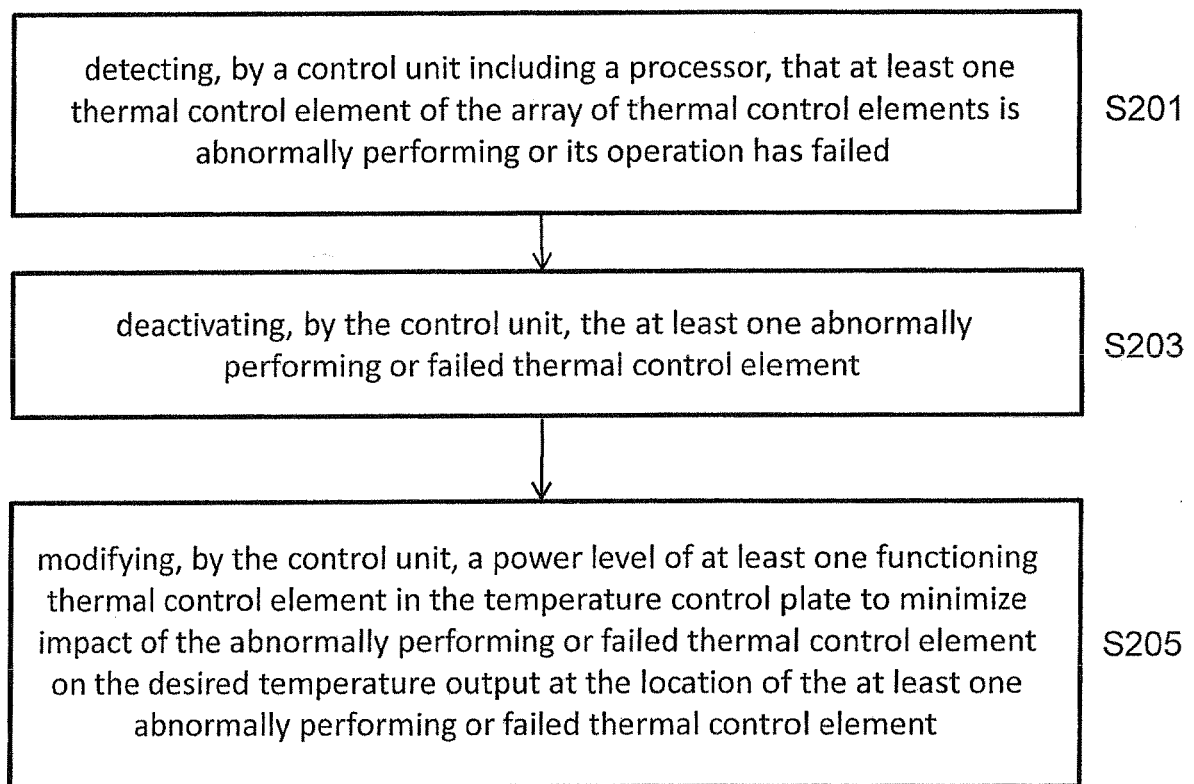
3-Dimensional
Size: $m*n*k$

FIG. 8A

$$\begin{bmatrix}
 T_{11,1} \dots T_{1n,1}, T_{21,1} \dots T_{2n,1}, \dots, T_{m1,1} \dots T_{mn,1} \\
 T_{11,2} \dots T_{1n,2}, T_{21,2} \dots T_{2n,2}, \dots, T_{m1,2} \dots T_{mn,2} \\
 \vdots \\
 T_{11,k} \dots T_{1n,k}, T_{21,k} \dots T_{2n,k}, \dots, T_{m1,k} \dots T_{mn,k}
 \end{bmatrix}$$

2-Dimensional
Size: $(m*n)*k$

FIG. 8B

**FIG. 9**