FIG. 1

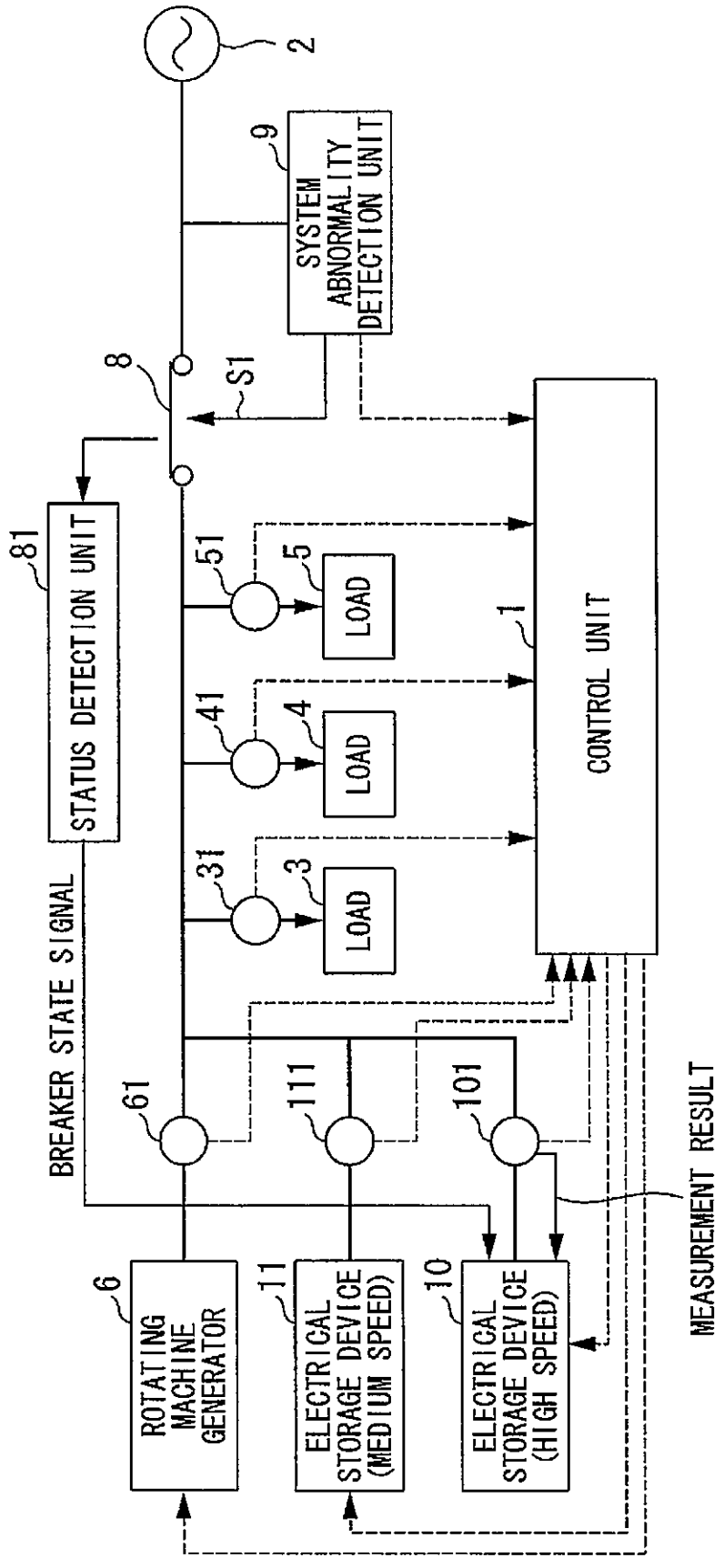

2
9
SYSTEM ABNORMALITY DETECTION UNIT
8
S1
81
STATUS DETECTION UNIT
51
5
LOAD
41
4
LOAD
31
3
LOAD
1
CONTROL UNIT
BREAKER STATE SIGNAL
61
111
101
6
ROTATING MACHINE GENERATOR
11
ELECTRICAL STORAGE DEVICE (MEDIUM SPEED)
10
ELECTRICAL STORAGE DEVICE (HIGH SPEED)
MEASUREMENT RESULT

FIG. 2

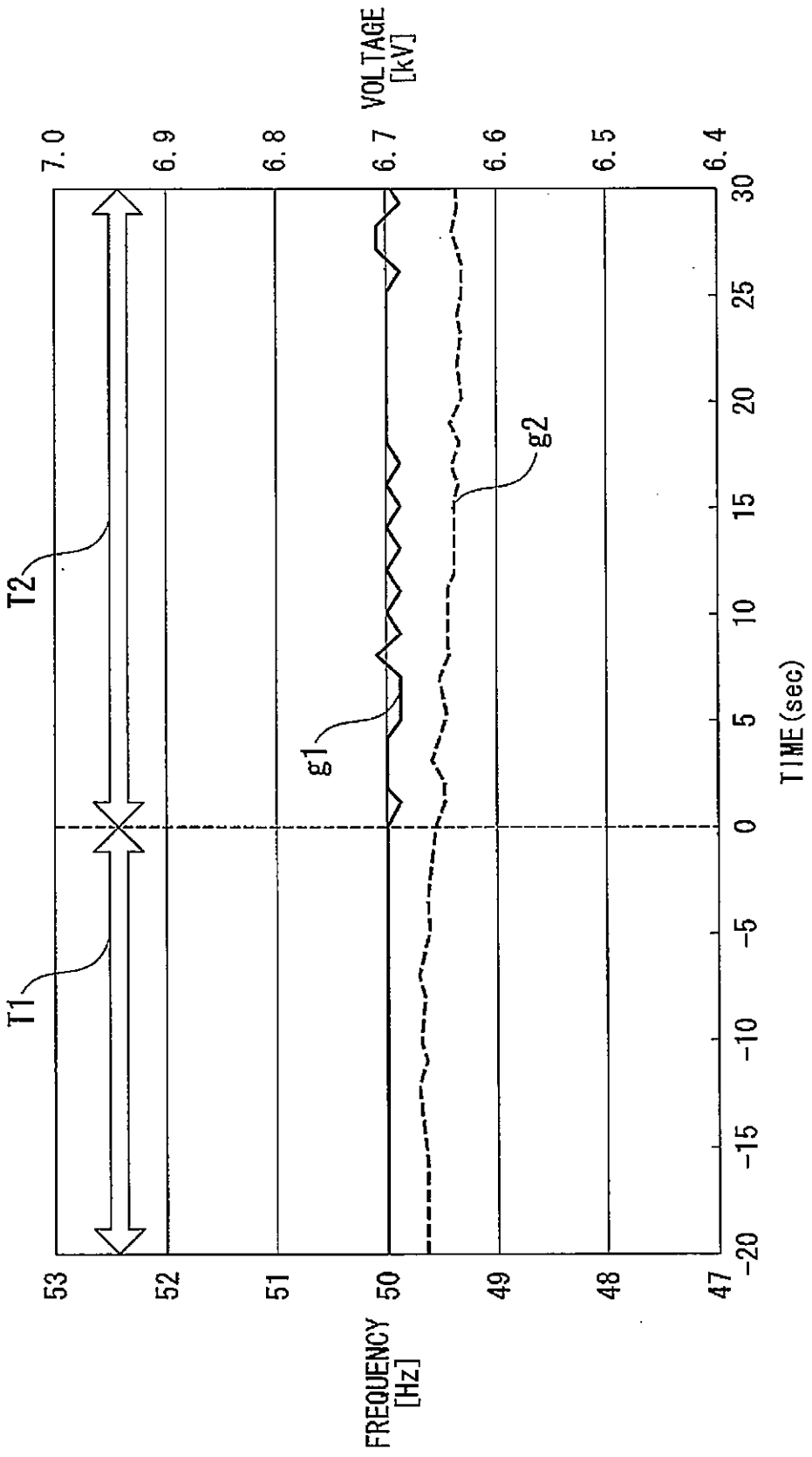

VOLTAGE [kV]
7.0
6.9
6.8
6.7
6.6
6.5
6.4
T2
T1
g1
g2
53
52
51
50
49
48
47
FREQUENCY [Hz]
-20
-15
-10
-5
0
5
10
15
20
25
30
TIME (sec)

FIG. 3

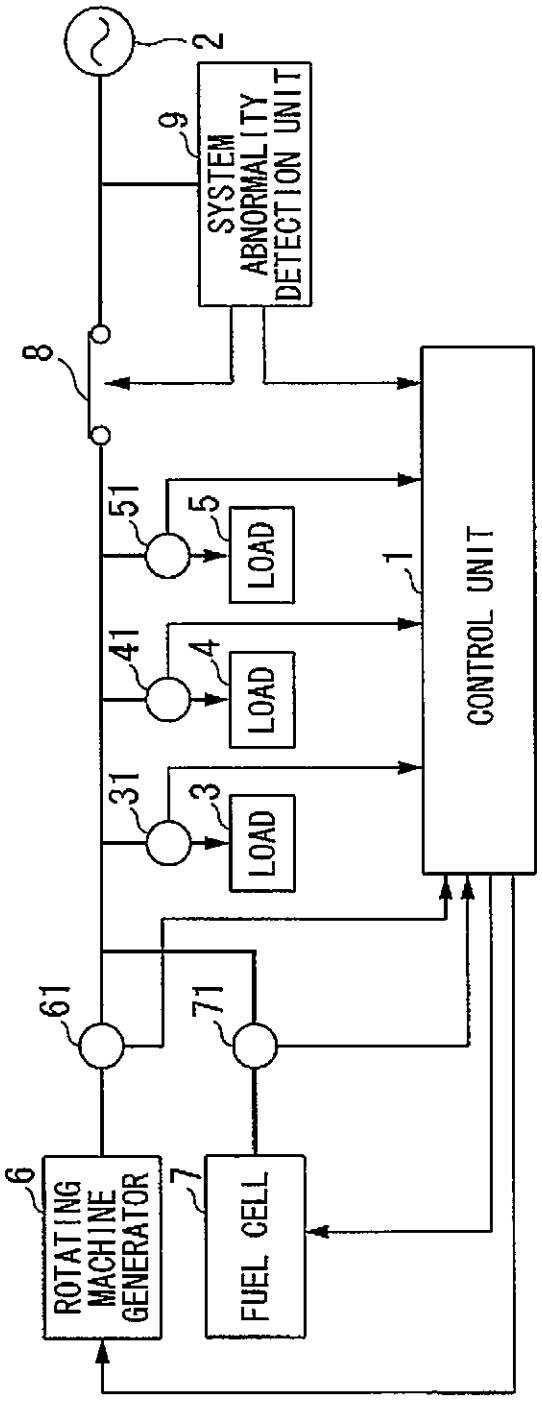
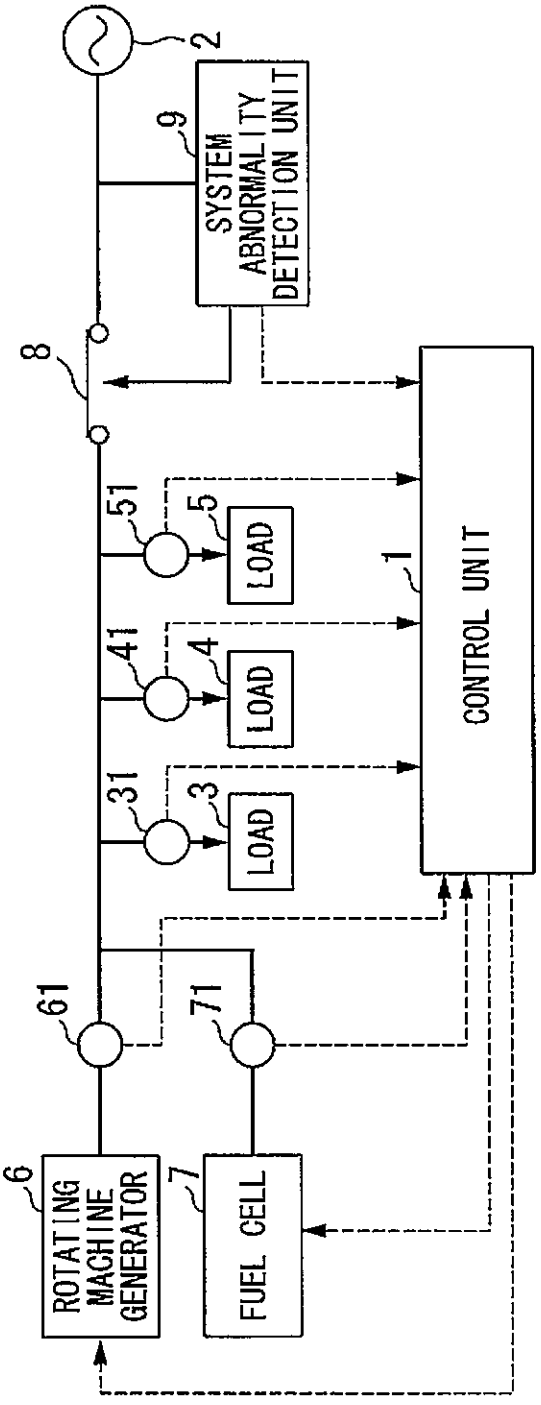

2
9
SYSTEM ABNORMALITY DETECTION UNIT
8
51
5
LOAD
41
4
LOAD
31
3
LOAD
1
CONTROL UNIT
61
71
6
ROTATING MACHINE GENERATOR
7
FUEL CELL

FIG. 4


2
9
SYSTEM ABNORMALITY DETECTION UNIT
8
51
5
LOAD
41
4
LOAD
31
3
LOAD
1
CONTROL UNIT
61
71
6
ROTATING MACHINE GENERATOR
7
FUEL CELL