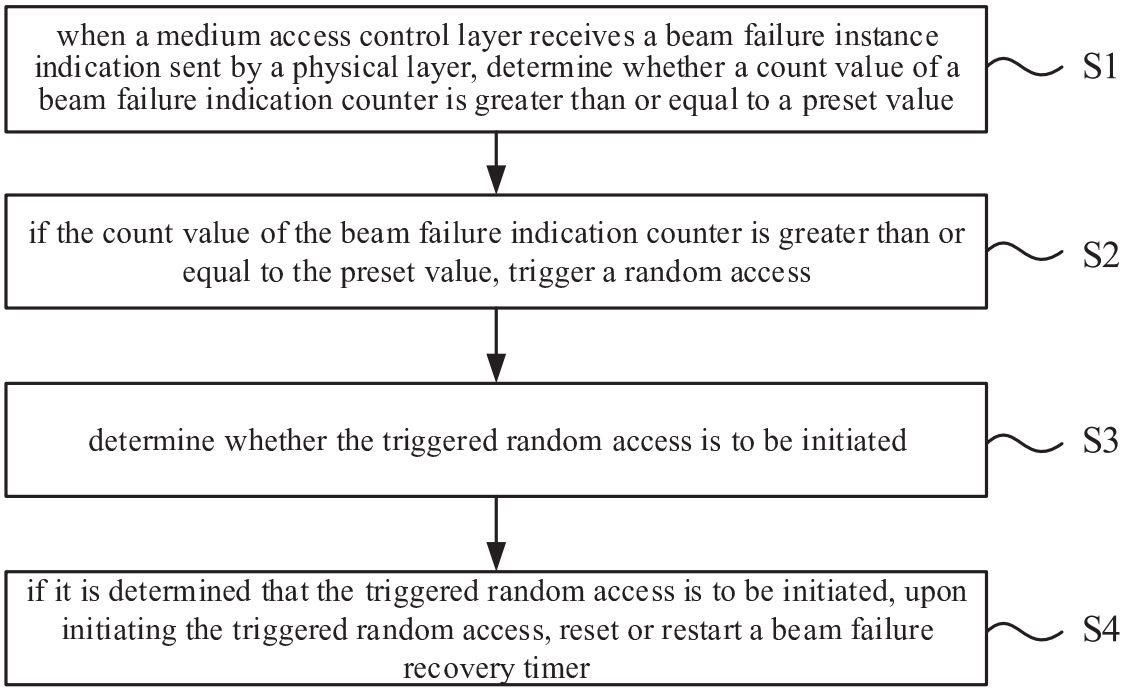
when a medium access control layer receives a beam failure instance indication sent by a physical layer, determine whether a count value of a beam failure indication counter is greater than or equal to a preset value
S1
if the count value of the beam failure indication counter is greater than or equal to the preset value, trigger a random access
S2
determine whether the triggered random access is to be initiated
S3
if it is determined that the triggered random access is to be initiated, upon initiating the triggered random access, reset or restart a beam failure recovery timer
S4

FIG. 1

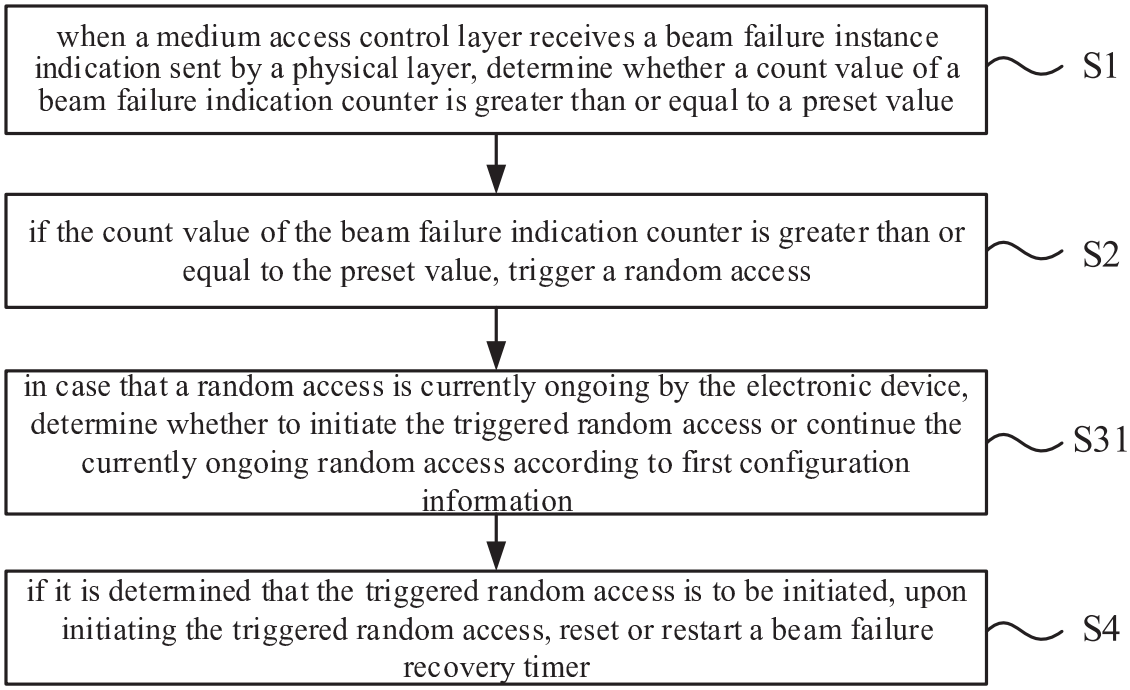
when a medium access control layer receives a beam failure instance indication sent by a physical layer, determine whether a count value of a beam failure indication counter is greater than or equal to a preset value
S1
if the count value of the beam failure indication counter is greater than or equal to the preset value, trigger a random access
S2
in case that a random access is currently ongoing by the electronic device, determine whether to initiate the triggered random access or continue the currently ongoing random access according to first configuration information
S31
if it is determined that the triggered random access is to be initiated, upon initiating the triggered random access, reset or restart a beam failure recovery timer
S4

FIG. 2

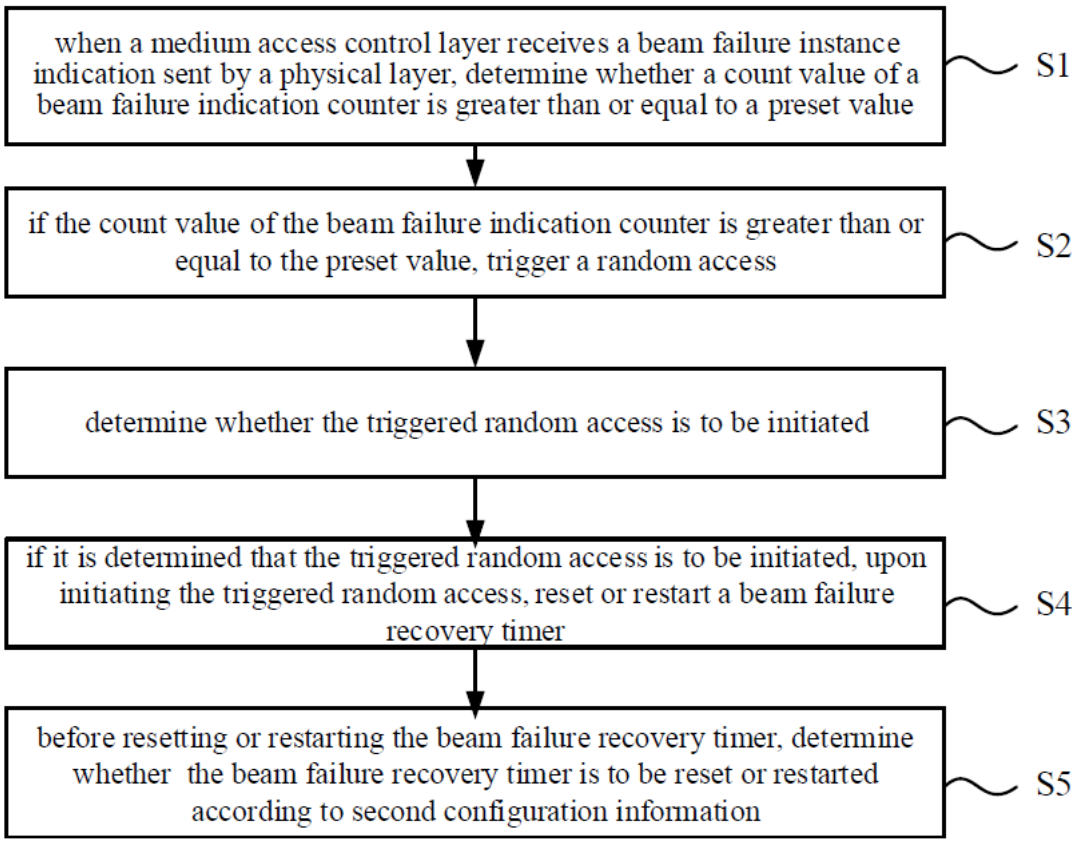
when a medium access control layer receives a beam failure instance indication sent by a physical layer, determine whether a count value of a beam failure indication counter is greater than or equal to a preset value
S1
if the count value of the beam failure indication counter is greater than or equal to the preset value, trigger a random access
S2
determine whether the triggered random access is to be initiated
S3
if it is determined that the triggered random access is to be initiated, upon initiating the triggered random access, reset or restart a beam failure recovery timer
S4
before resetting or restarting the beam failure recovery timer, determine whether the beam failure recovery timer is to be reset or restarted according to second configuration information
S5

FIG. 3

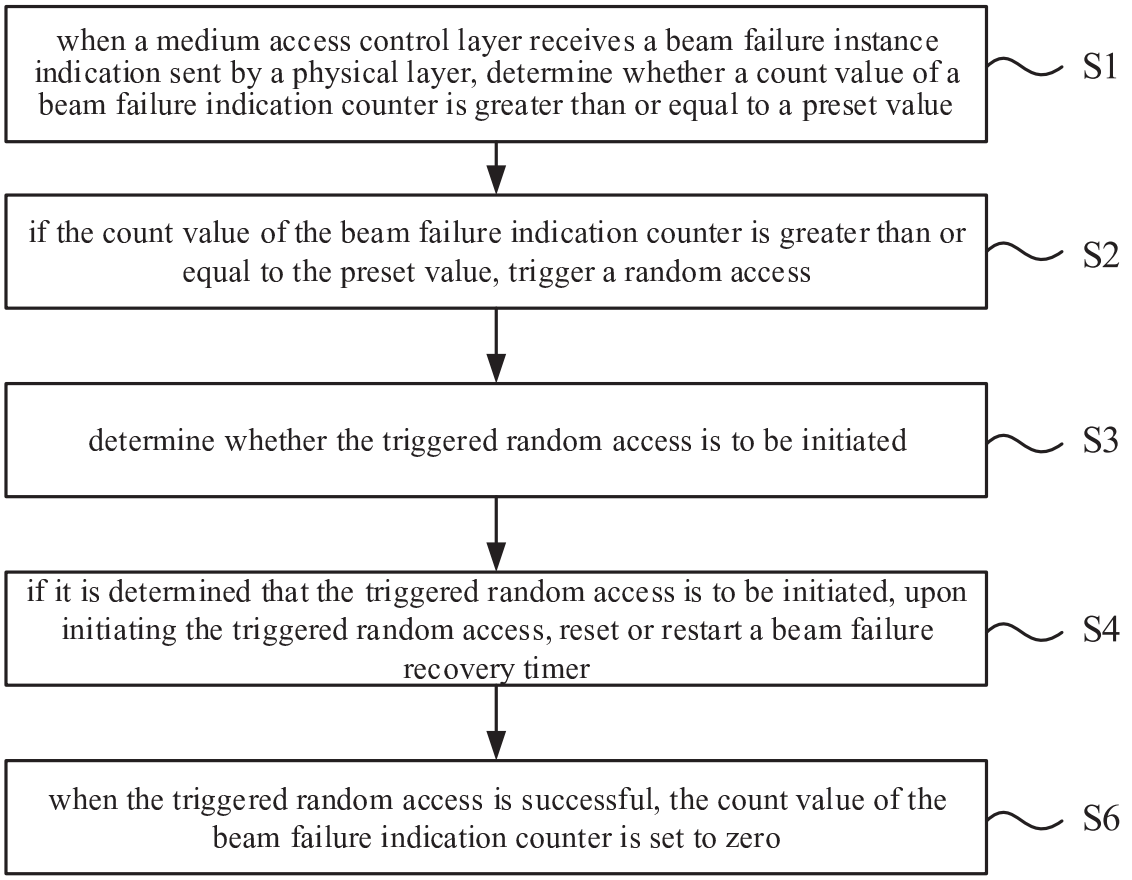
when a medium access control layer receives a beam failure instance indication sent by a physical layer, determine whether a count value of a beam failure indication counter is greater than or equal to a preset value
S1
if the count value of the beam failure indication counter is greater than or equal to the preset value, trigger a random access
S2
determine whether the triggered random access is to be initiated
S3
if it is determined that the triggered random access is to be initiated, upon initiating the triggered random access, reset or restart a beam failure recovery timer
S4
when the triggered random access is successful, the count value of the beam failure indication counter is set to zero
S6

FIG. 4

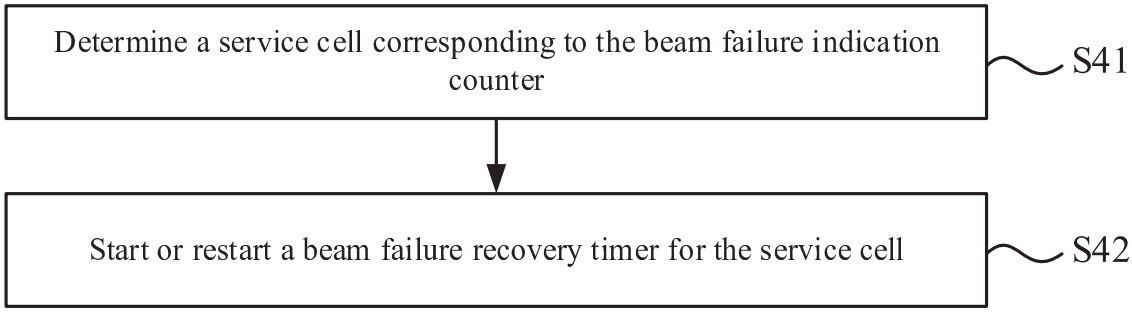
Determine a service cell corresponding to the beam failure indication counter
S41
Start or restart a beam failure recovery timer for the service cell
S42

FIG. 5

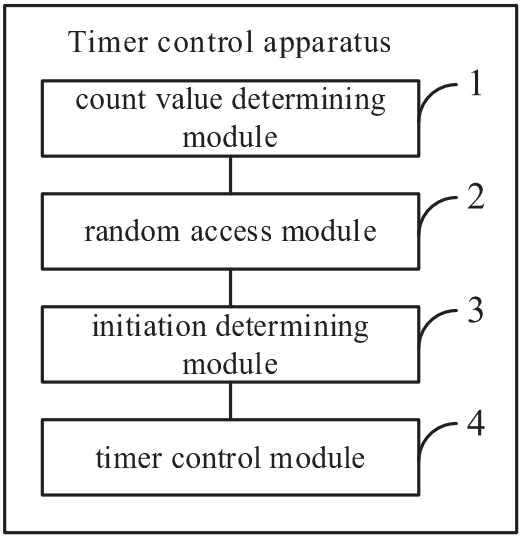
Timer control apparatus
count value determining module
1
random access module
2
initiation determining module
3
timer control module
4

FIG. 6

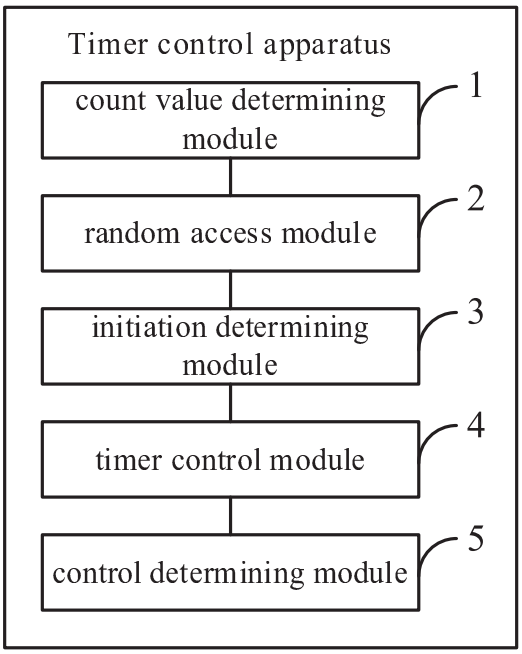
Timer control apparatus
count value determining module
1
random access module
2
initiation determining module
3
timer control module
4
control determining module
5

FIG. 7

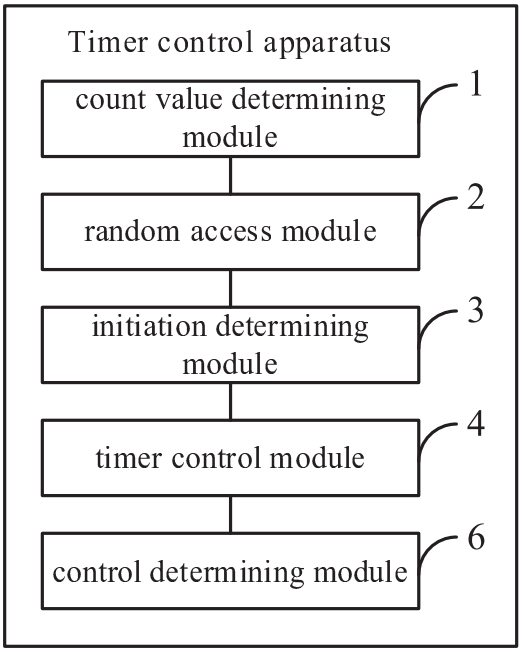
Timer control apparatus
count value determining module
1
random access module
2
initiation determining module
3
timer control module
4
control determining module
6

FIG. 8

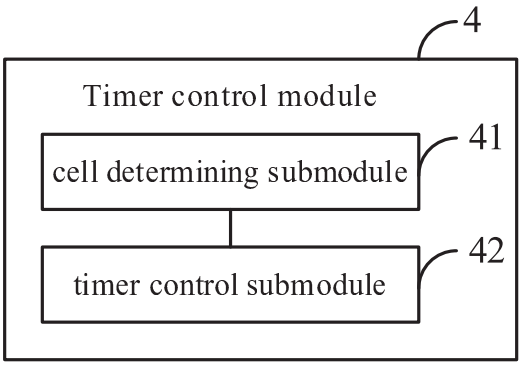
4
Timer control module
cell determining submodule
41
timer control submodule
42

FIG. 9

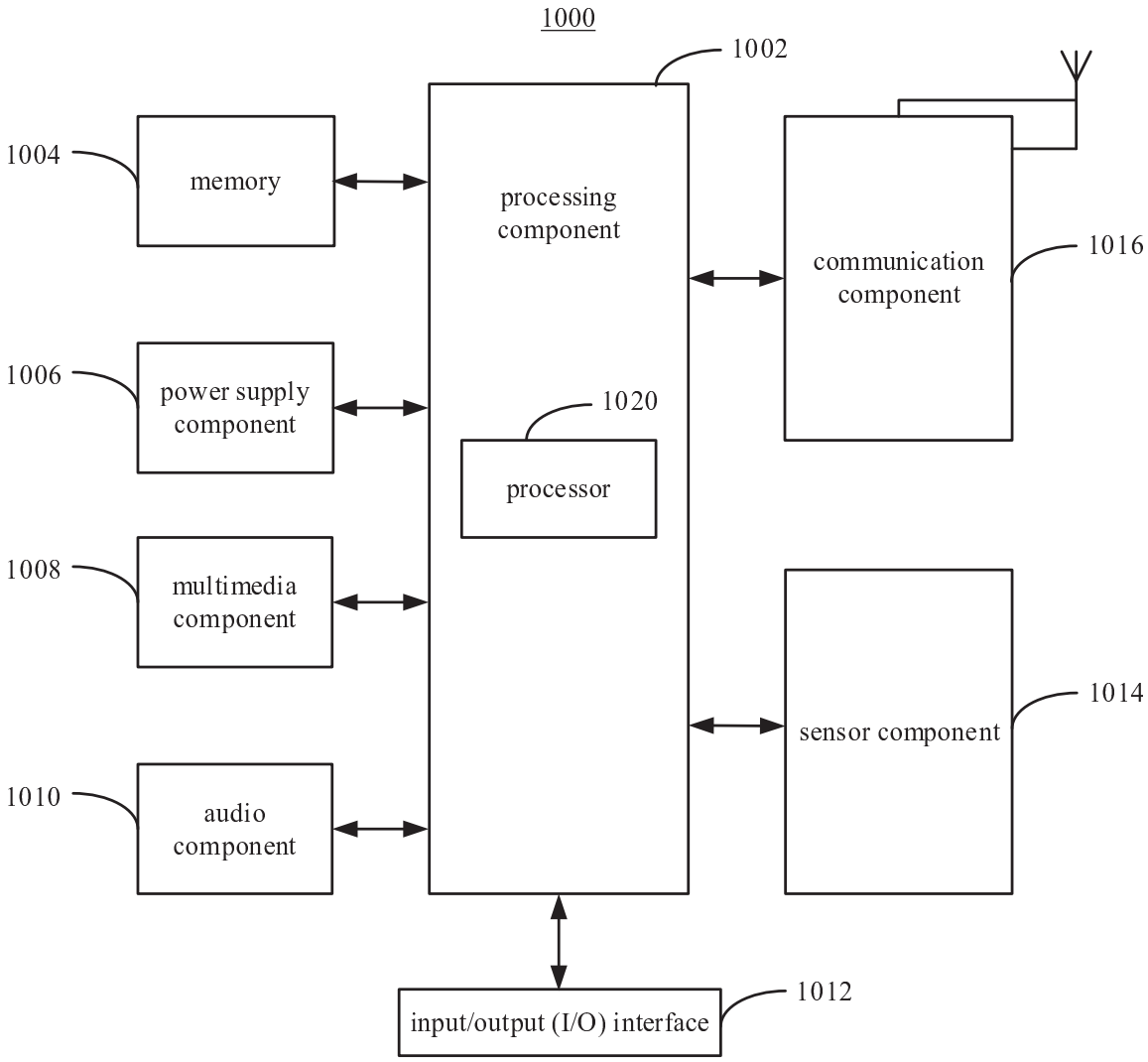
1000
1002
1004
memory
processing component
communication component
1016
1006
power supply component
1020
processor
1008
multimedia component
1014
sensor component
1010
audio component
input/output (I/O) interface
1012

FIG. 10