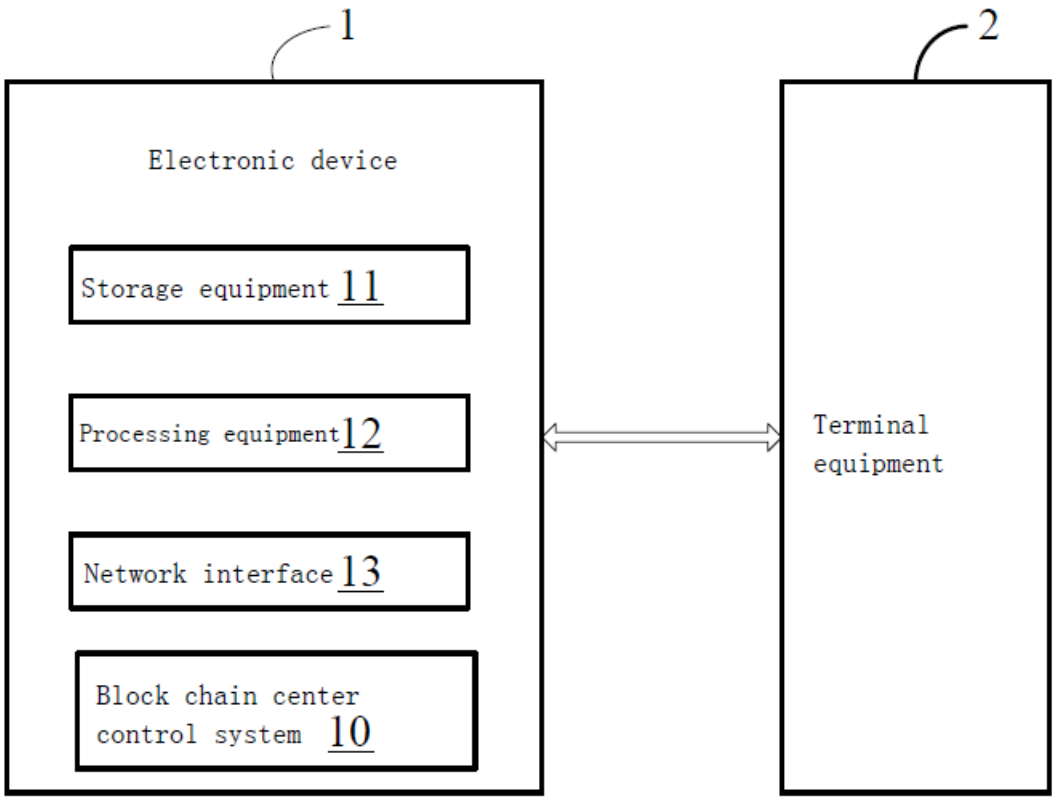

1
2
Electronic device
Storage equipment 11
Processing equipment 12
Network interface 13
Block chain center control system 10
Terminal equipment

FIG. 1

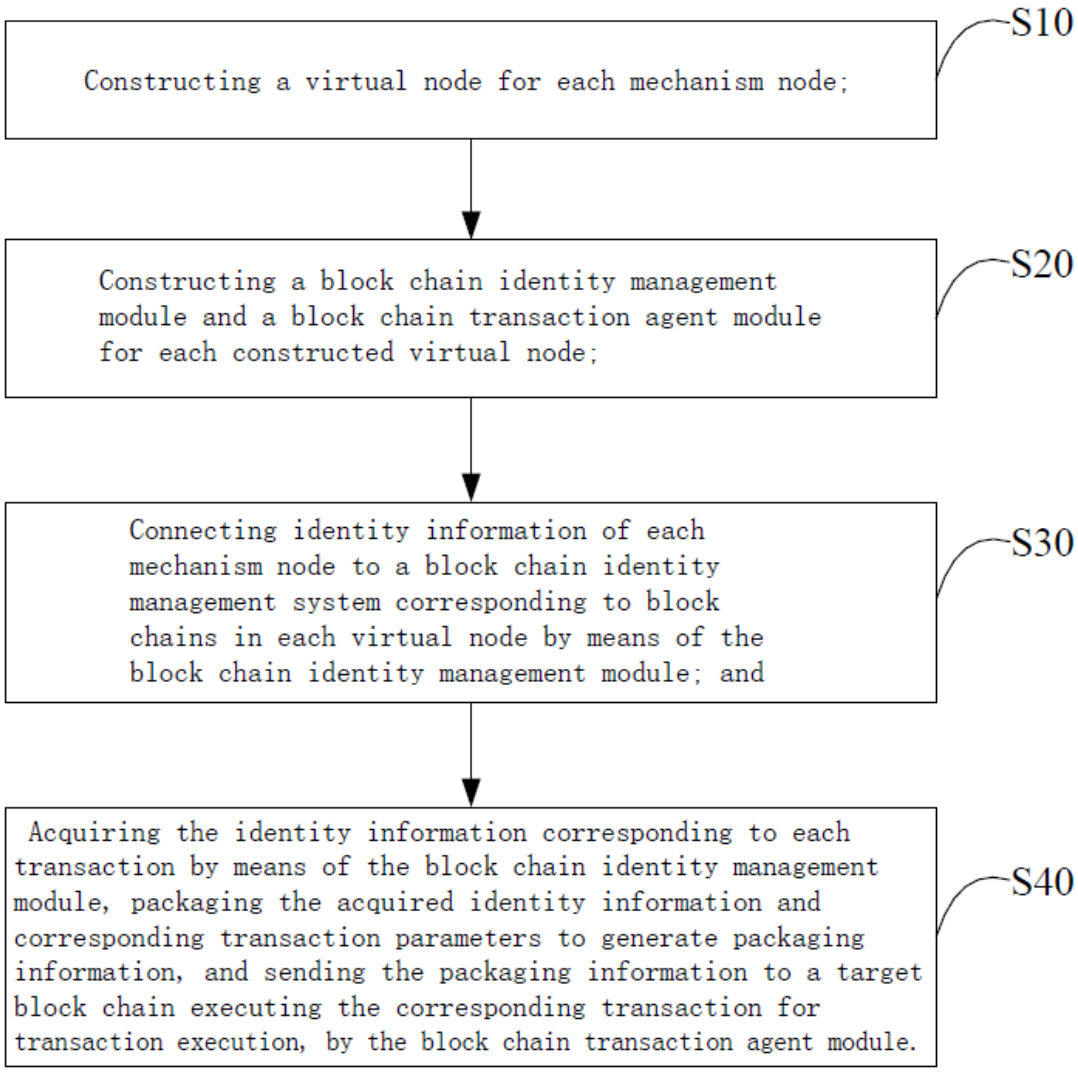

Constructing a virtual node for each mechanism node;
S10
Constructing a block chain identity management module and a block chain transaction agent module for each constructed virtual node;
S20
Connecting identity information of each mechanism node to a block chain identity management system corresponding to block chains in each virtual node by means of the block chain identity management module; and
S30
Acquiring the identity information corresponding to each transaction by means of the block chain identity management module, packaging the acquired identity information and corresponding transaction parameters to generate packaging information, and sending the packaging information to a target block chain executing the corresponding transaction for transaction execution, by the block chain transaction agent module.
S40

FIG. 2

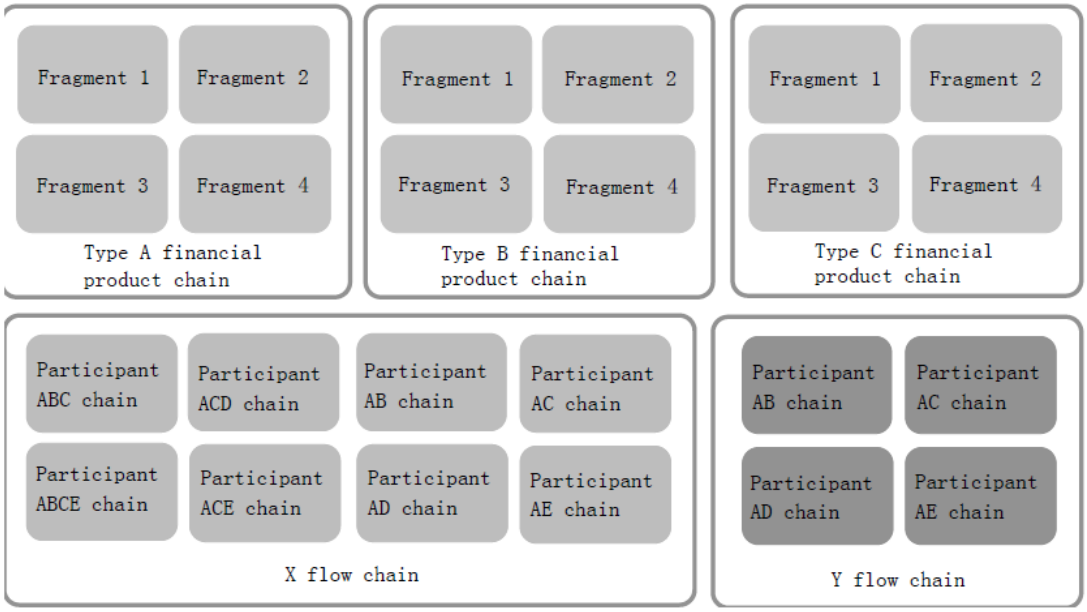

Fragment 1
Fragment 2
Fragment 3
Fragment 4
Type A financial product chain
Fragment 1
Fragment 2
Fragment 3
Fragment 4
Type B financial product chain
Fragment 1
Fragment 2
Fragment 3
Fragment 4
Type C financial product chain
Participant ABC chain
Participant ACD chain
Participant AB chain
Participant AC chain
Participant ABCE chain
Participant ACE chain
Participant AD chain
Participant AE chain
X flow chain
Participant AB chain
Participant AC chain
Participant AD chain
Participant AE chain
Y flow chain

FIG. 3

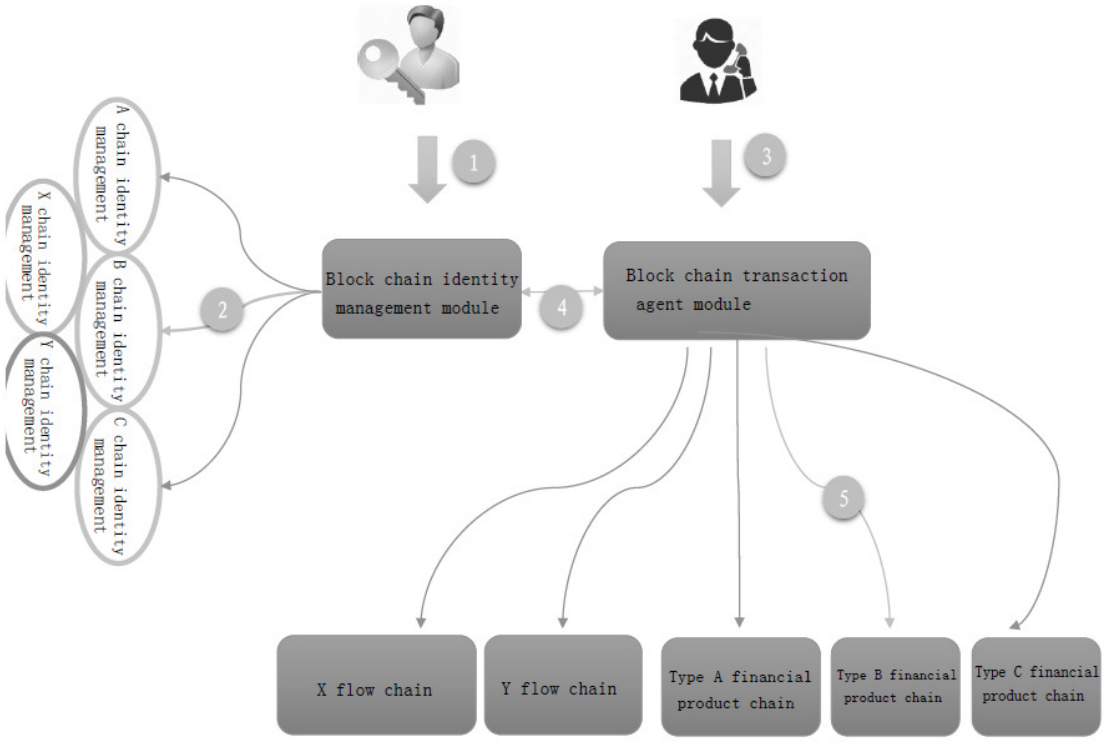

A chain identity management
B chain identity management
C chain identity management
X chain identity management
Y chain identity management
1
2
3
4
5
Block chain identity management module
Block chain transaction agent module
X flow chain
Y flow chain
Type A financial product chain
Type B financial product chain
Type C financial product chain

FIG. 4

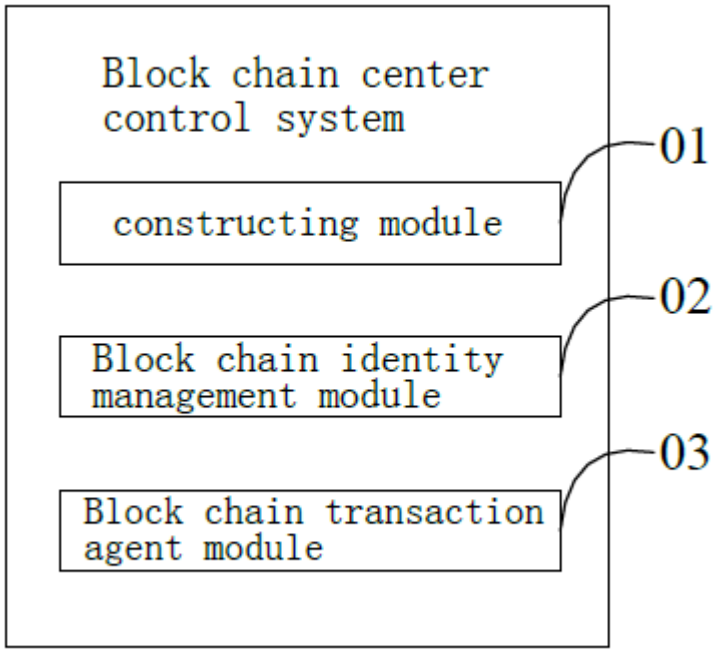

Block chain center control system
constructing module
01
Block chain identity management module
02
Block chain transaction agent module
03

FIG. 5