

TRANSACTION METHOD AND SYSTEM BASED ON CENTRALIZED CLEARING AND BLOCKCHAIN RECORD KEEPING

ABSTRACT

Disclosed are a transaction method and system based on centralized clearing and blockchain record keeping. A blockchain network comprises several member nodes, and a user signs up for a virtual resource account on a specific member node, wherein the specific member node comprises a service logic execution module, a database management module and a blockchain function module. Transaction feasibility verification for a transaction request is carried out by the service logic execution module, and after verification is passed, the database management module is instructed to execute an account balance modification operation, that is, a specific resource amount is deducted from a virtual resource account corresponding to a payment user identifier, and the specific resource amount is added to a virtual resource account corresponding to an earning user identifier. Moreover, the service logic execution module can further generate a log file for recording the account balance modification operation, and send the log file to the blockchain function module, and the blockchain function module broadcasts the log file to the blockchain network.

Figure 2b