

GROUP TRANSACTION METHOD AND APPARATUS BASED ON BLOCKCHAIN NETWORK AND NON-TRANSITORY COMPUTER-READABLE STORAGE MEDIUM

Abstract

A group transaction method based on a blockchain network is provided. A group includes a plurality of group participants registered with transmission nodes of a transmission network and a group receiver deployed on a designated transmission node. The method comprises: transmitting, by the plurality of group participants, transaction requests to the group receiver via the transmission network; performing, by the group receiver, global consistent ordering on group information received by the group receiver, and publishing, by the group receiver, the group information to the group based on a global consistent ordering, wherein the group information comprises the transaction requests and transaction matching results; obtaining, by a group executor among the plurality of group participants, the transaction requests published to the group, and executing, by the group executor, a transaction matching program based on the global consistent ordering to generate the transaction matching results.

Fig 2.