

BLOCKCHAIN TRANSACTION ALLOCATION METHOD AND APPARATUS

Abstract

Embodiments of the present application provide a blockchain transaction allocation method and apparatus, applied in the technical field of blockchains. The method comprises: determining a boot block pointed to by a target block of a transaction to be allocated, wherein the boot block is a legitimate block, having a maximum logical clock, that a local node monitors when generating the target block; on the basis of the boot block, determining a consensus member group used for allocating a target transaction, and on the basis of a transaction hash of the target transaction and a block hash of the boot block, generating a target tag hash; assigning a target node number to the target transaction on the basis of the target tag hash and the total number of nodes in the consensus member group; and if the target node number is the node number of the local node, adding the target transaction to the target block. A transaction is allocated to a target node for processing, so that the problem of transaction repetition in a high-concurrency blockchain system can be effectively solved, and the actual transaction processing capability of a blockchain network is remarkably improved.

Fig. 2