

ACCELERATING TRANSACTION DELIVERIES IN BLOCKCHAIN NETWORKS USING TRANSACTION RESENDING

ABSTRACT

In a blockchain transaction acceleration system, receive a first transaction sent through a first node in a blockchain. At least one second transaction that is a duplicate of the first transaction is received in the blockchain transaction acceleration system, where the at least one second transaction sent by the first node to at least one second node in the blockchain is different from the first node. The blockchain transaction acceleration system executes a first-received transaction among received transactions that include the first transaction and the at least one second transaction. Upon determining, by the blockchain transaction acceleration system, that remaining transactions of the received transactions are identical to the first-received transaction, discarding the remaining transactions.

FIG. 3B