

Abstract

Blockchain System and Data Storage Method and Apparatus

Embodiments of the present application disclose a blockchain system and a data storage method and apparatus. A blockchain system comprising a distribution center, a non-consensus subsystem, and a plurality of consensus subsystems is created, wherein the non-consensus subsystem comprises a plurality of non-consensus nodes, each of the consensus subsystems comprises a plurality of consensus nodes, and each of the consensus subsystems is equivalent to a consortium blockchain containing the plurality of consensus nodes. As a result, the consensus subsystems can perform consensus validation for different transaction fields. On one hand, only the consensus nodes are responsible for consensus validation, and non-consensus nodes outside the consensus subsystems cannot participate in consensus validation by a consortium blockchain network, thereby improving the security of the blockchain network; on the other hand, the distribution center may interface with the consortium blockchains, and non-consensus entities (non-consensus nodes) outside the consortium blockchain network only need to interface with the distribution center, and do not need to interface with a plurality of consortium blockchains according to different interfacing protocols, thereby improving the convenience of the blockchain network.

FIG. 2