

DATA PROCESSING METHOD AND APPARATUS

ABSTRACT

A data processing method and apparatus are provided. The method includes: first, determining, by a transaction initiation node in a blockchain, transaction data of a transaction
5 and information to be hidden in the transaction data (22); then, obtaining, by using the transaction data as an input of a predetermined one-way function, a transaction root of the transaction, and constructing, based on the transaction root, proof data corresponding to the information to be hidden (24); and finally, after signing the transaction root, initiating a transaction request to write the transaction root and the proof data on the blockchain, for a
10 node in the blockchain to perform consensus verification on the transaction root and the proof data, and approve or reject the transaction request based on a verification result (26).

Figure 2