

ABSTRACT

The present application discloses an authentication method and a blockchain-based authentication data processing method and device. After an authentication request sent from a user is received, authentication data associated with an identity identifier is acquired from a blockchain network, and identity authentication is performed on the user according to the authentication data. Based on the features such as decentralization and anti-tampering of the blockchain network, a mapping relationship between identity identifiers of different users and authentication data is stored in advance in a blockchain node of the blockchain network. When providing a service for a user, an Internet service platform can perform identity authentication on the user based on the authentication data stored in the blockchain network, thus improving the processing efficiency of identity authentication. As the authentication data can be shared among different Internet service platforms by means of the blockchain network, the user does not need to submit identity information when registering with or logging in to a new service platform each time, and the misuse of the identity information by an imposter due to leakage of the identity information can be effectively prevented, thus effectively improving the accuracy of identity authentication.