

BLOCKCHAIN-BASED DATA PROCESSING METHOD AND DEVICE

ABSTRACT

The present disclosure discloses a blockchain-based data processing method and
5 device. The method includes the following: When receiving service data to be stored,
a blockchain node determines a data attribute of the service data; and if the data
attribute of the service data is a text type, the blockchain node encrypts the service
data by using a private key in a predetermined public-private key pair corresponding
to a user identifier included in the service data; or if the data attribute of the service
10 data is an image type, the blockchain node determines a digest of the service data, and
encrypts the digest by using a private key in a predetermined public-private key pair
corresponding to a user identifier included in the service data. Due to features such as
decentralization, transparency, tamper resistance, and trustworthiness of the
blockchain technology, the service data is stored in a blockchain network by using
15 different processing methods based on the data attribute of the service data, which can
not only ensure authenticity of the service data, but also ensure that the service data is
not tampered with.

FIG. 4