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(54) **Title:** BLOCKCHAIN-BASED DATA PROCESSING METHOD AND APPARATUS, DEVICE, AND MEDIUM

(54) 发明名称: 一种基于区块链的数据处理方法、装置、设备及介质

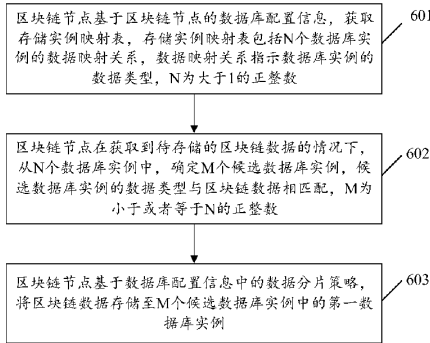


图 6

- 601 A blockchain node acquires a storage instance mapping table on the basis of blockchain node database configuration information, the storage instance mapping table comprising the data mapping relationships of N database instances, and the data mapping relationships indicating the data types of the database instances, N being a positive integer greater than 1
- 602 When obtaining blockchain data to be stored, the blockchain node determines M candidate database instances from the N database instances, wherein the data types of the candidate database instances match the blockchain data, and M is a positive integer smaller than or equal to N
- 603 Based on a data fragmentation policy in the database configuration information, the blockchain node stores the blockchain data to a first database instance of the M candidate database instances

(57) **Abstract:** A blockchain-based data processing method and apparatus, a device, and a medium. The method is executed by blockchain nodes, and comprises: acquiring a storage instance mapping table on the basis of blockchain node database configuration information, the storage instance mapping table comprising the data mapping relationships of N database instances, and the data mapping relationships indicating the data types of the database instances, N being a positive integer greater than 1 (601); when obtaining blockchain data to be stored, determining M candidate database instances from the N database instances, wherein the data types of the candidate database instances match the blockchain data, and M is a positive integer smaller than or equal to N (602); based on a data fragmentation policy in the database configuration information, storing the blockchain data to a first database instance of the M candidate database instances (603). The present application enhances the storage capability of blockchain nodes, thereby satisfying storage requirements.

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本国际公布:
— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 一种基于区块链的数据处理方法、装置、设备及介质, 该方法由区块链节点执行, 包括: 基于区块链节点的数据库配置信息, 获取存储实例映射表, 存储实例映射表包括N个数据库实例的数据映射关系, 数据映射关系指示数据库实例的数据类型, N为大于1的正整数(601); 在获取到待存储的区块链数据的情况下, 从N个数据库实例中, 确定M个候选数据库实例, 候选数据库实例的数据类型与区块链数据相匹配, M为小于或者等于N的正整数(602); 基于数据库配置信息中的数据分片策略, 将区块链数据存储至M个候选数据库实例中的第一数据库实例(603)。本申请能够提升区块链节点的存储能力, 满足存储需求。