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

(54) 发明名称: 基于区块链的数据处理方法、装置、设备、存储介质及程序产品

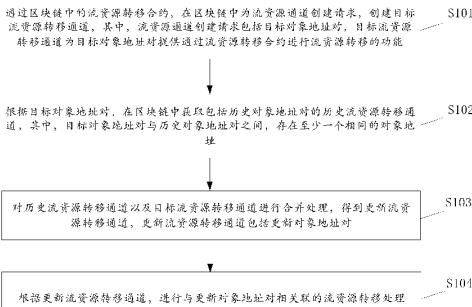


图 3

- S101 Create a target stream resource transfer channel in a blockchain for a stream resource channel creation request; by means of a stream resource transfer contract in the blockchain, wherein the stream resource channel creation request comprises a target object address pair, and the target stream resource transfer channel provides the target object address pair with the function of performing stream resource transfer by means of the stream resource transfer contract
- S102 On the basis of the target object address pair, acquire, from the blockchain, a historical stream resource transfer channel comprising a historical object address pair, wherein there is at least one identical object address between the target object address pair and the historical object address pair
- S103 Perform combination processing on the historical stream resource transfer channel and the target stream resource transfer channel to obtain an updated stream resource transfer channel, wherein the updated stream resource transfer channel comprises an updated object address pair
- S104 On the basis of the updated stream resource transfer channel, perform stream resource transfer processing associated with the updated object address pair

(57) Abstract: Disclosed in the embodiments of the present application are a blockchain-based data processing method and apparatus, and a device, a storage medium and a program product. The method comprises: creating a target stream resource transfer channel in a blockchain for a stream resource channel creation request by means of a stream resource transfer contract in the blockchain, wherein the stream resource channel creation request comprises a target object address pair, and the target stream resource transfer channel provides the target object address pair with the function of performing stream resource transfer by means of the stream resource transfer contract; on the basis of the target object address pair, acquiring, from the blockchain, a historical stream resource transfer channel comprising a historical object address pair, wherein there is at least one identical object address between the target object address pair and the historical object address pair; performing combination processing on the historical stream resource transfer channel and the target stream resource transfer channel to obtain an updated stream resource transfer channel, wherein the updated stream resource transfer channel comprises an updated object address pair; and on the basis of the updated stream resource transfer channel, performing stream resource transfer processing associated with the updated object

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CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN,
TD, TG)。

根据细则4.17的声明:
— 关于申请人有权要求在先申请的优先权(细则
4.17(iii))

本国际公布:
— 包括国际检索报告(条约第21条(3))。

address pair.

(57) 摘要: 本申请实施例公开了一种基于区块链的数据处理方法、装置、设备、存储介质及程序产品, 该方法包括: 通过所述区块链中的流资源转移合约, 在所述区块链中为流资源通道创建请求, 创建目标流资源转移通道, 其中, 所述流资源通道创建请求包括目标对象地址对, 所述目标流资源转移通道为所述目标对象地址对提供通过所述流资源转移合约进行流资源转移的功能; 根据所述目标对象地址对, 在所述区块链中获取包括历史对象地址对的历史流资源转移通道, 其中, 所述目标对象地址对与所述历史对象地址对之间, 存在至少一个相同的对象地址; 对所述历史流资源转移通道以及所述目标流资源转移通道进行合并处理, 得到更新流资源转移通道, 所述更新流资源转移通道包括更新对象地址对; 及, 根据所述更新流资源转移通道, 进行与所述更新对象地址对相关联的流资源转移处理。