

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(10) 国际公布号
WO 2023/011019 A1

(43) 国际公布日
2023 年 2 月 9 日 (09.02.2023)

(51) 国际专利分类号:
G06F 16/23 (2019.01)

(21) 国际申请号: PCT/CN2022/099549

(22) 国际申请日: 2022 年 6 月 17 日 (17.06.2022)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
202110901263.X 2021 年 8 月 6 日 (06.08.2021) CN

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

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

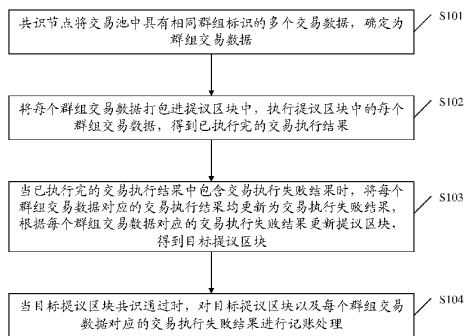


图 3

S101 A consensus node determines, as group transaction data, a plurality of pieces of transaction data, which have the same group identifier, in a transaction pool

S102 Pack each piece of group transaction data into a proposed block, and execute each piece of group transaction data in the proposed block, so as to obtain an executed transaction execution result

S103 When the executed transaction execution result includes a transaction execution failure result, update, as the transaction execution failure result, a transaction execution result corresponding to each piece of group transaction data, and update the proposed block according to the transaction execution failure result corresponding to each piece of group transaction data, so as to obtain a target proposed block

S104 When a consensus on the target proposed block is passed, perform bookkeeping processing on the target proposed block and the transaction execution failure result corresponding to each piece of group transaction data

(57) Abstract: A blockchain-based data processing method and apparatus, a device, a readable storage medium and a computer program product. The method comprises: a consensus node determining, as group transaction data, a plurality of pieces of transaction data, which have the same group identifier, in a transaction pool; packing each piece of group transaction data into a proposed block, and executing each piece of group transaction data in the proposed block, so as to obtain an executed transaction execution result; when the executed transaction execution result includes a transaction execution failure result, updating, as the transaction execution failure result, a transaction execution result corresponding to each piece of group transaction data, and updating the proposed block according to the transaction execution failure result corresponding to each piece of group transaction data, so as to obtain a target proposed block; and when a consensus on the target proposed block is passed, performing bookkeeping processing on the target proposed block and the transaction execution failure result corresponding to each piece of group transaction data.

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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、可读存储介质及计算机程序产品, 该方法包括:
共识节点将交易池中具有相同群组标识的多个交易数据, 确定为群组交易数据; 将每个群组交易数据打包
至提议区块中, 执行提议区块中的每个群组交易数据, 得到已执行完的交易执行结果; 当已执行完的交易
执行结果中包含交易执行失败结果时, 将每个群组交易数据对应的交易执行结果均更新为交易执行失败结
果, 根据每个群组交易数据对应的交易执行失败结果更新提议区块, 得到目标提议区块; 当目标提议区块
共识通过时, 对目标提议区块以及每个群组交易数据对应的交易执行失败结果进行记账处理。