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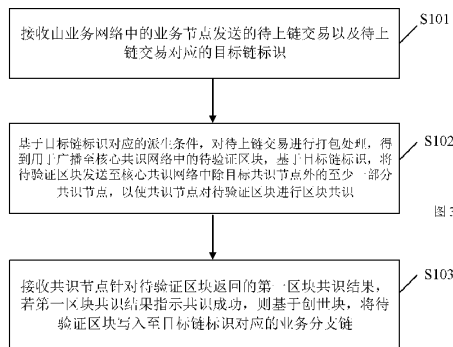
(71) 申请人: 腾讯科技(深圳)有限公司 (TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED) [CN/CN]; 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。

(72) 发明人: 朱耿良(ZHU, Gengliang); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 蓝虎(LAN, Hu); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 王宗友(WANG,

Zongyou); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 时一防(SHI, Yifang); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 廖志勇(LIAO, Zhiyong); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 刘区城(LIU, Qucheng); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 刘攀(LIU, Pan); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 周开班(ZHOU, Kaiban); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 黄焕坤(HUANG, Huankun); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 张劲松(ZHANG, Jinsong); 中国广东省深圳市南山区高新区科技中一路腾讯大厦 35 层, Guangdong 518057 (CN)。 刘汉卿(LIU, Hanqing); 中国广

(54) Title: DATA PROCESSING METHOD AND APPARATUS, AND COMPUTER DEVICE AND STORAGE MEDIUM

(54) 发明名称: 一种数据处理方法、装置、计算机设备及存储介质



S101 Receive a transaction to be on-chained, and a target chain identifier corresponding to said transaction, which transaction and target chain identifier are sent by a service node in a service network

S102 On the basis of a derivation condition corresponding to the target chain identifier, packaging said transaction, so as to obtain a block to be verified, which is used for being broadcast to a core consensus network, and on the basis of the target chain identifier, send said block to at least some consensus nodes, other than a target consensus node, in the core consensus network, such that the consensus nodes perform block consensus on said block

S103 Receive first block consensus results that are returned by the consensus nodes for said block, and if the first block consensus results indicate that the consensus is reached successfully, write, on the basis of a genesis block, said block into a service branch chain corresponding to the target chain identifier

(57) Abstract: A data processing method. The method is executed by a target consensus node in a core consensus network, and comprises: receiving a transaction to be on-chained and a target chain identifier, which are sent by a service node, wherein the target chain identifier belongs to M chain identifiers that are configured for the service node, the M chain identifiers belong to chain identifiers of N service branch chains that are registered by a core consensus network, one service branch chain corresponds to one transaction service, and one service branch chain corresponds to one chain identifier (step S101); on the basis of a derivation condition corresponding to the target chain identifier, packaging said transaction, so as to obtain a block to be verified, and sending, on the basis of the target chain identifier, said block to at least some consensus nodes, other than the target consensus node, in the core consensus network (step S102); and receiving first block consensus results that are returned by the consensus nodes, and if the first block consensus results indicate that a consensus is reached successfully, writing, on the basis of a genesis block, said block into the service branch chain corresponding to the target chain identifier (step S103).

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东省深圳市南山区高新区科技中一路腾讯大厦35层, Guangdong 518057 (CN)。

(74) 代理人: 华进联合专利商标代理有限公司 (ADVANCE CHINA IP LAW OFFICE); 中国广东省广州市天河区珠江东路6号4501房 (部位: 自编01-03和08-12单元) (仅限办公用途), Guangdong 510623 (CN)。

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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: 一种数据处理方法, 由核心共识网络中的目标共识节点执行, 包括: 接收业务节点发送的待上链交易以及目标链标识; 目标链标识属于为业务节点所配置的M个链标识; M个链标识属于核心共识网络所注册的N个业务分支链的链标识; 一个业务分支链对应一个交易业务, 且一个业务分支链对应一个链标识 (步骤S101); 基于目标链标识对应的派生条件, 对待上链交易进行打包处理得到待验证区块, 基于目标链标识将待验证区块发送至核心共识网络中除目标共识节点外的至少一部分共识节点 (步骤S102); 接收共识节点返回的第一区块共识结果, 若第一区块共识结果指示共识成功, 则基于创世块将待验证区块写入至目标链标识对应的业务分支链 (步骤S103)。