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(81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU,

(54) Title: INFORMATION PROCESSING METHOD AND DEVICE BASED ON BLOCKCHAIN, AND COMPUTER-READABLE STORAGE MEDIUM

(54) 发明名称: 基于区块链的信息处理方法、装置和计算机可读存储介质

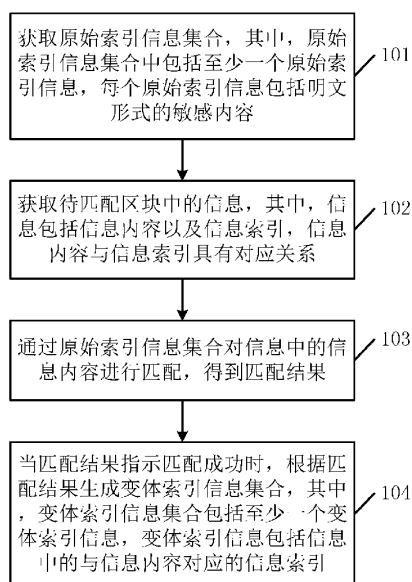


图 3

- 101 Obtain an original index information set, wherein the original index information set comprises at least one piece of original index information, and each piece of original index information comprises sensitive content in a plaintext form
- 102 Obtain information of a block to be matched, wherein the information comprises information content and an information index, and the information content and the information index have a correspondence
- 103 Match information content in the information by means of the original index information set to obtain a matching result
- 104 When the matching result indicates that the matching is successful, generate a variant index information set according to the matching result, wherein the variant index information set comprises at least one piece of variant index information, and the variant index information comprises an information index in the information corresponding to the information content

(57) Abstract: Disclosed in embodiments of the present application is an information processing method based on a blockchain, comprising: obtaining an original index information set, wherein the original index information set comprises at least one piece of original index information, and each piece of original index information comprises sensitive content in a plaintext form; obtaining information of a block to be matched, the information comprising information content and an information index, and the information content and the information index having a correspondence; matching information content in the information by means of the original index infor-

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mation set to obtain a matching result; and when the matching result indicates that the matching is successful, generating a variant index information set according to the matching result, wherein variant index information comprises an information index in the information of said block. Further disclosed in the present application is an information processing device. The specific content of the index information is not directly displayed, and maintenance is performed in an information index mode, so that potential safety hazards are not prone to occurring, and the safety of information maintenance is improved.

(57) 摘要: 本申请实施例公开了一种基于区块链的信息处理方法, 包括: 获取原始索引信息集合, 其中, 原始索引信息集合中包括至少一个原始索引信息, 每个原始索引信息包括明文形式的敏感内容; 获取待匹配区块中的信息, 信息包括信息内容以及信息索引, 信息内容与信息索引具有对应关系; 通过原始索引信息集合对信息中的信息内容进行匹配, 得到匹配结果; 当匹配结果指示匹配成功时, 根据匹配结果生成变体索引信息集合变体索引信息包括待匹配区块中的信息中的信息索引。本申请还公开一种信息处理装置。本申请不会直接显示索引信息的具体内容, 而是以信息索引形式进行维护, 从而不易出现安全隐患, 提升信息维护的安全性。