

(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 2024/040819 A1

(43) 国际公布日
2024 年 2 月 29 日 (29.02.2024)

WIPO | PCT

- (51) 国际专利分类号:
G06Q 40/04 (2012.01) *G06Q 20/40* (2012.01)
G06Q 40/06 (2012.01)
- (21) 国际申请号: PCT/CN2022/140785
- (22) 国际申请日: 2022 年 12 月 21 日 (21.12.2022)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权:
202211038105.7 2022年8月26日 (26.08.2022) CN
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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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI,

- (54) Title: BLOCKCHAIN-BASED PAYMENT CONTROL METHOD AND APPARATUS, AND DEVICE AND MEDIUM
- (54) 发明名称: 基于区块链的支付控制方法、装置、设备及介质

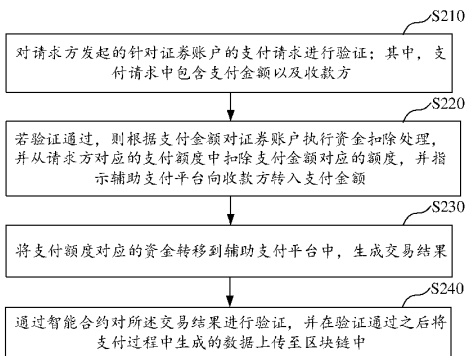


图 2

- S210 Verify a payment request, which is initiated by a requester with regard to a security account, wherein the payment request includes a payment amount and the name of a payee
- S220 If the payment request passes the verification, execute, according to the payment amount, fund deduction processing on the security account so as to deduct, from a payment amount corresponding to the requester, an amount corresponding to the payment amount, and instruct an auxiliary payment platform to transfer the payment amount to the payee
- S230 Transfer, to the auxiliary payment platform, a fund corresponding to the payment amount, so as to generate a transaction result
- S240 Verify the transaction result by means of an intelligent contract, and after the transaction result passes the verification, upload, to a blockchain, data that is generated during the payment process

(57) Abstract: Disclosed in the present application are a blockchain-based payment control method and apparatus, and a device and a medium. The method comprises: verifying a payment request, which is initiated by a requester with regard to a security account; if the payment request passes the verification, executing, according to a payment amount, fund deduction processing on the security account so as to deduct, from a payment amount corresponding to the requester, an amount corresponding to the payment amount, and instructing an auxiliary payment platform to transfer the payment amount to a payee; transferring, to the auxiliary payment platform, a fund corresponding to the payment amount; and verifying a transaction result by means of an intelligent contract, and after the transaction result passes the verification, uploading, to a blockchain, data that is generated during the payment process.

(57) 摘要: 本申请揭示了一种基于区块链的支付控制方法、装置、设备及介质。该方法包括: 对请求方发起的针对证券账户的支付请求进行验证; 若验证通过则根据支付金额对证券账户执行资金扣除处理, 从请求方对应的支付额度中扣除支付金额对应的额度, 并指示辅助支付平台向收款方转入支付金额; 将支付额度对应的资金转移到所述辅助支付平台中, 通过智能合约对所述交易结果进行验证, 通过后将支付过程中生成的数据上传至区块链中。

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GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW。

- (84) 指定国(除另有指明，要求每一种可提供的地区保护): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布:

- 包括国际检索报告(条约第21条(3))。
- 包括经修改的权利要求(条约第19条(1))。