

(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 2026/137554 A1

(43) 国际公布日
2026 年 7 月 2 日 (02.07.2026)

- (51) 国际专利分类号:
H04L 9/40 (2022.01) **H04L 9/32** (2006.01)
- (21) 国际申请号: PCT/CN2025/074944
- (22) 国际申请日: 2025 年 1 月 24 日 (24.01.2025)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权:
202411931768.0 2024 年 12 月 26 日 (26.12.2024) CN
- (71) 申请人: 北京微步在线科技有限公司 (**BEIJING THREATBOOK TECHNOLOGY CO., LTD.**) [CN/CN]; 中国北京市海淀区知春路 76 号 (写字楼) 1 号楼 10 层 1-7 100082 (CN)。
- (72) 发明人: 薛锋 (**XUE, Feng**); 中国北京市海淀区知春路 76 号 (写字楼) 1 号楼 10 层 1-7 100082 (CN)。童兆丰 (**TONG, Zhaofeng**); 中国北京市海淀区知春路 76 号 (写字楼) 1 号楼 10 层 1-7 100082 (CN)。

- (74) 代理人: 北京超凡宏宇知识产权代理有限公司 (**CHOFN INTELLECTUAL PROPERTY**); 中国北京市海淀区北四环西路 68 号左岸工社 1215-1218 室 100080 (CN)。
- (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, 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, MU, 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, UY, 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,

(54) **Title:** METHOD AND APPARATUS FOR AUTHENTICATING LOGIN TO SYSTEM, AND DEVICE AND STORAGE MEDIUM

(54) 发明名称: 认证登录系统的方法、装置、设备及存储介质

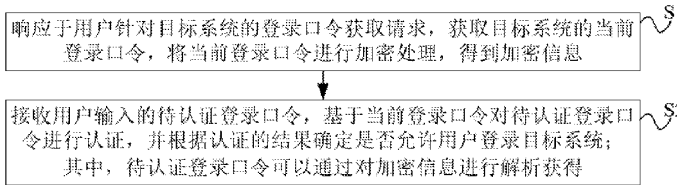


图 1

- S1 In response to a login password acquisition request of a user for a target system, acquire the current login password of the target system, and perform encryption processing on the current login password, so as to obtain encrypted information
- S2 Receive a login password to be authenticated that is input by a user, perform authentication on said login password on the basis of the current login password, and on the basis of an authentication result, determine whether to allow the user to log in to the target system, wherein said login password can be obtained by means of parsing the encrypted information

(57) **Abstract:** Provided in the embodiments of the present disclosure are a method and apparatus for authenticating login to a system, and a device and a storage medium. The method comprises: in response to a login password acquisition request, acquiring the current login password, and performing encryption processing on the current login password, so as to obtain encrypted information; and receiving a login password to be authenticated, performing authentication on said login password on the basis of the current login password, and on the basis of an authentication result, determining whether to allow a user to log in to a target system, wherein said login password is obtained by means of parsing the encrypted information. In the embodiments of the present disclosure, a login password is generated and encrypted locally on a smart device or a system, such that a user can forward encrypted information to a security server for decryption and acquire a login password. Therefore, the convenience for the user to log in to the smart device or the system when forgetting the login password can be improved on the premise of ensuring the security.

[见续页]

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))。

(57) 摘要: 本公开实施例提供一种认证登录系统的方法、装置、设备及存储介质。所述方法包括: 响应于登录口令获取请求, 获取当前登录口令, 将当前登录口令进行加密处理, 得到加密信息; 接收待认证登录口令, 基于当前登录口令对待认证登录口令进行认证, 并根据认证的结果确定是否允许用户登录目标系统; 其中, 待认证登录口令是通过对加密信息进行解析获得的。本公开实施例通过在智能设备或系统本地生成登录口令并加密, 以供用户将加密信息转发至安全服务器进行解密并获取登录口令, 从而能够在确保安全性的前提下, 提高用户在忘记登录口令的情况下登录智能设备或系统的便捷性。