

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

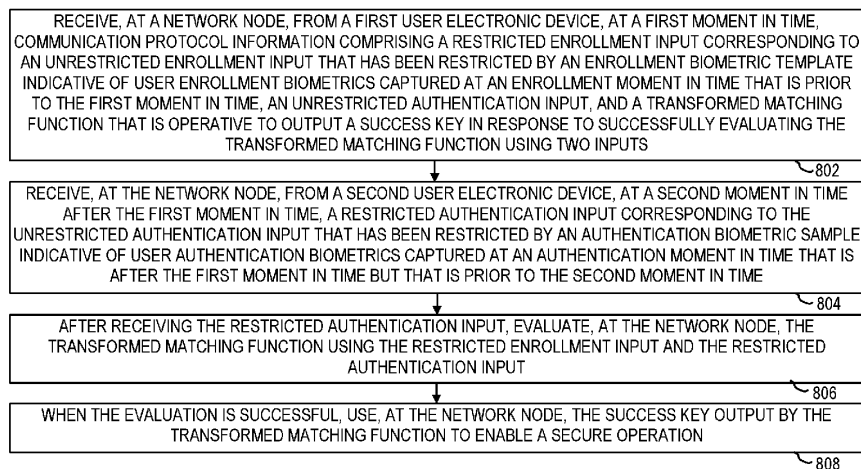
(43) International Publication Date
13 August 2020 (13.08.2020)



(10) International Publication Number
WO 2020/163865 A1

- (51) **International Patent Classification:**
H04L 9/08 (2006.01) *H04L 29/06* (2006.01)
H04L 9/32 (2006.01)
- (21) **International Application Number:**
PCT/US2020/017511
- (22) **International Filing Date:**
10 February 2020 (10.02.2020)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
62/802,854 08 February 2019 (08.02.2019) US
62/862,454 17 June 2019 (17.06.2019) US
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- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,

(54) **Title:** AUTHENTICATION PROCESSING SERVICE



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FIG. 8

(57) **Abstract:** Systems, methods, and computer-readable media for facilitating an authentication processing service are provided. A method comprises: receiving communication protocol information comprising: a restricted enrollment input; an unrestricted authentication input; and a transformed matching function that is operative to output a success key in response to successfully evaluating the transformed matching function using two inputs; receiving a restricted authentication input corresponding to the unrestricted authentication input that has been restricted by an authentication biometric sample indicative of user authentication biometrics captured at an authentication moment in time that is after the first moment in time but that is prior to the second moment in time; after receiving the restricted authentication input, evaluating the transformed matching function using the restricted enrollment input and the restricted authentication input; and when the evaluating is successful, using the success key output by the transformed matching function to enable

[Continued on next page]

HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, 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) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, 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).

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*