

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 January 2025 (30.01.2025)



(10) International Publication Number
WO 2025/021565 A1

(51) International Patent Classification:

G06V 40/40 (2022.01) G06V 40/16 (2022.01)
G06V 10/143 (2022.01) G06V 10/82 (2022.01)

(21) International Application Number:

PCT/EP2024/069945

(22) International Filing Date:

12 July 2024 (12.07.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

23315289.1 21 July 2023 (21.07.2023) EP

(71) Applicant: **THALES DIS FRANCE SAS** [FR/FR]; 6, rue de la Verrerie, 92190 MEUDON (FR).

(72) Inventors: **ANGHELONE, David**; THALES DIS FRANCE SAS, Intellectual Property Department, 6, rue de la Verrerie, 92190 Meudon (FR). **LANNES, Sarah**; THALES DIS FRANCE SAS, Intellectual Property Department, 6, rue de la Verrerie, 92190 Meudon (FR).

(74) Agent: **QUINTERO ROMERO, Manuel**; THALES DIS FRANCE SAS, Intellectual Property Department, 6 Rue de la Verrerie, 92190 Meudon (FR).

(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, 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, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, 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).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

(54) Title: LIVENESS DETERMINATION BASED ON DOMAIN TRANSLATION OF A THERMAL IMAGE

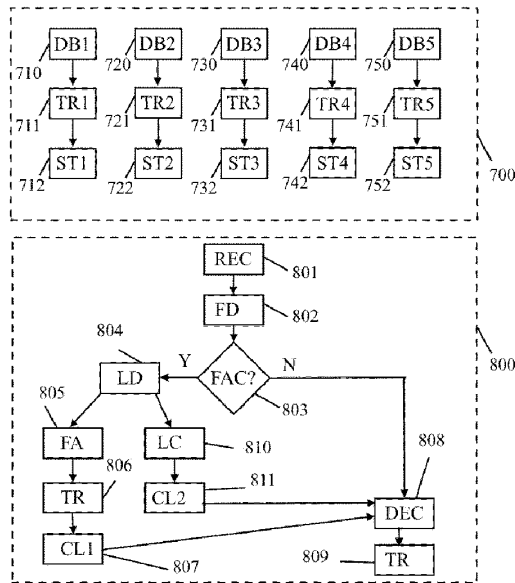


FIG. 7

(57) Abstract: The invention provides a presentation attack detection method comprising the steps of: - receiving (801) at least one thermal image from a thermal camera; - determining (802) whether a face of a target person is detected in the thermal image or not; - if the face of the target person is detected in the thermal image, performing (806) a domain translation based on the thermal image to obtain an image in a second spectral domain, the second spectral domain being distinct from a thermal domain; - determining (807) a first category indicating whether the target person is live or spoof, based on the image in the second spectral domain; - determining (808) a final decision representative of the liveness of the target person, based on the determined first category and/or based on whether the face of the target person is detected in the thermal image.

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Published:

- *with international search report (Art. 21(3))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*