

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
19 August 2021 (19.08.2021)



(10) International Publication Number
WO 2021/161132 A1

(51) International Patent Classification:

H04N 21/214 (2011.01) *H04N 21/462* (2011.01)
G06K 9/00 (2006.01) *H04N 21/4725* (2011.01)
H04N 21/2187 (2011.01) *H04N 21/84* (2011.01)
H04N 21/234 (2011.01) *H04N 21/8545* (2011.01)
H04N 21/2343 (2011.01)

(21) International Application Number:

PCT/IB2021/050824

(22) International Filing Date:

02 February 2021 (02.02.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

202041006309 13 February 2020 (13.02.2020) IN

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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, HR, HU, ID, IL, IN, IR, IS, IT, 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,

(54) Title: SYSTEM AND METHOD FOR ANALYZING VIDEOS IN REAL-TIME

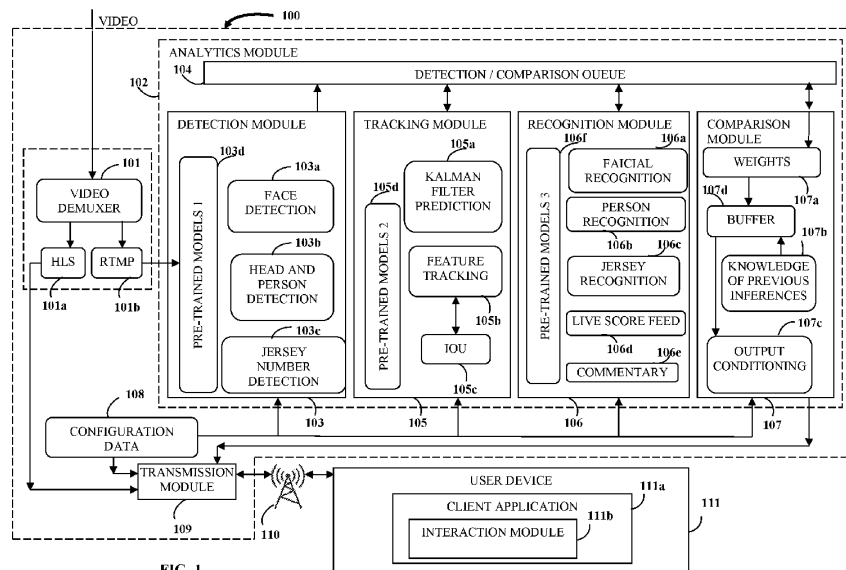


FIG. 1

(57) Abstract: A method and a sports analytics system (SAS) for analyzing a live video broadcast stream (LVBS) of a sporting event are provided. The SAS splits the LVBS into a real time messaging protocol (RTMP) stream and a hypertext transfer protocol live stream (HLS) and analyses the RTMP stream using a phase difference between the RTMP stream and the HLS. The SAS detects persons present in a frame of the RTMP stream using a first set of cues and tracks the detected persons by analyzing preceding frames. The SAS recognizes the tracked persons using a second set of cues, assigns individual weights to each of the second set of cues, and compares the assigned weights of each of the recognized persons with pre-existing data of all players to identify the players in the frame. The SAS transmits the HLS and contextual interactive content of the identified players to a user device.

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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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*