

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
01 April 2021 (01.04.2021)



(10) International Publication Number
WO 2021/061759 A1

(51) International Patent Classification:

H04N 19/119 (2014.01) *H04N 19/44* (2014.01)
H04N 19/70 (2014.01) *H04N 19/86* (2014.01)
H04N 19/17 (2014.01)

(21) International Application Number:

PCT/US2020/052199

(22) International Filing Date:

23 September 2020 (23.09.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/906,079 25 September 2019 (25.09.2019) US
17/026,966 21 September 2020 (21.09.2020) US

(71) Applicant: **TENCENT AMERICA LLC** [US/US]; 2747
Park Boulevard, Palo Alto, California 94306 (US).

(72) Inventors: **CHOI, Byeongdoo**; c/o Tencent America LLC,
2747 Park Boulevard, Palo Alto, California 94306 (US).
WENGER, Stephan; c/o Tencent America LLC, 2747 Park
Boulevard, Palo Alto, California 94306 (US). **LIU, Shan**;
c/o Tencent America LLC, 2747 Park Boulevard, Palo Alto,
California 94306 (US).

(74) Agent: **RABENA, John F.** et al.; Sughrue Mion, PLLC,
2000 Pennsylvania Ave., N.W., Suite 900, Washington,
District of Columbia 20006 (US).

(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,
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).

(54) Title: METHOD FOR SIGNALING SUBPICTURE IDENTIFIER

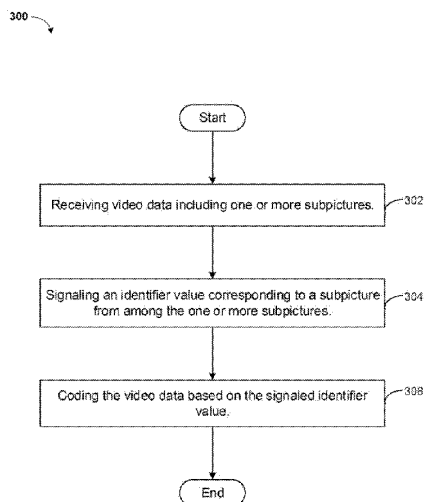


FIG. 3

(57) Abstract: A method, computer program, and computer system are provided for encoding and decoding video data. Video data including one or more subpictures is received. An identifier value corresponding to a subpicture from among the one or more subpictures is signaled. The video data is encoded and/or decoded based on the signaled identifier value.

WO 2021/061759 A1

[Continued on next page]

Published:

— *with international search report (Art. 21(3))*