

(19) World Intellectual Property
Organization
International Bureau



WIPO | PCT



(10) International Publication Number

WO 2022/046175 A9

(43) International Publication Date
03 March 2022 (03.03.2022)

(51) International Patent Classification:

H04N 21/222 (2011.01) *H04N 21/2343* (2011.01)
H04N 21/61 (2011.01) *H04N 21/2665* (2011.01)
H04N 21/643 (2011.01)

(21) International Application Number:

PCT/US2021/024911

(22) International Filing Date:

30 March 2021 (30.03.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/070,105 25 August 2020 (25.08.2020) US

(71) Applicant: **ARRIS ENTERPRISES LLC** [US/US]; 3871
Lakefield Drive, Suwanee, GA 30024 (US).

(72) Inventors: **ELSTERMANN, Erik**; 1217 Belleflower
Road, Carlsbad, CA 92011 (US). **SCHUMATE, John**;

3243 Lone Jack Road, Encinitas, CA 92024 (US). **SEYMOUR, Robert**; 7514 Girard Avenue, Apt. 28, La Jolla, CA 92037 (US). **KASSMAN, Todd**; 470 Naiad Street, Encinitas, CA 92024 (US). **CASTELOES, Michael**; 14227 Woodcreek Road, Poway, CA 92064 (US). **SCHAFER, Mark**; 8007 Calle Pinon, Carlsbad, CA 92009 (US).

(74) Agent: **RUSSELL, Kevin, L.** et al.; Chernoff, Vilhauer, McClung & Stenzel, LLP, 111 SW Columbia Street, Suite 725, Portland, OR 97201 (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,

(54) Title: SYSTEM TO MONITOR AND MANAGE INTEGRATED RECEIVER DECODERS

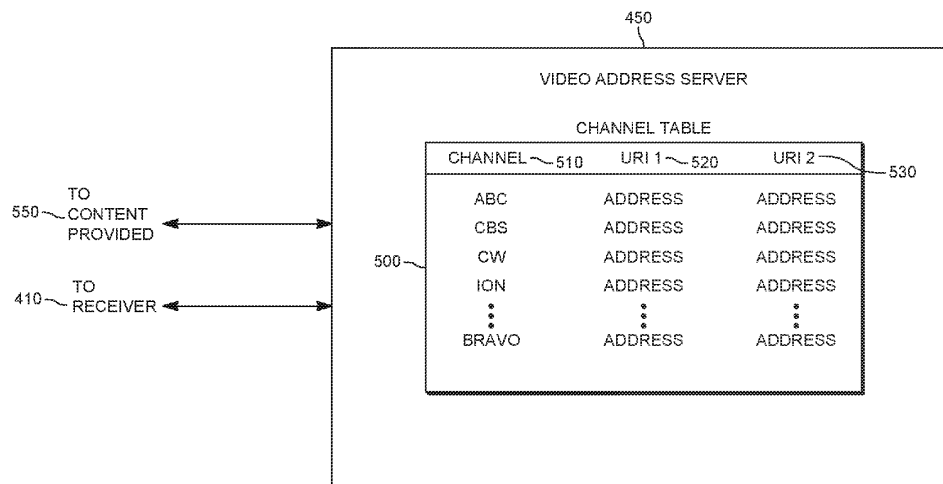


FIG. 5

(57) Abstract: An integrated network receiver includes a first universal resource identifier for a first channel and an input suitable for receiving a first input video content from the Internet based upon the first universal resource identifier. The integrated network receiver provides the first input video content for the first channel to a head end connected to a plurality of customer devices through a transmission network. The integrated network receiver updating the first universal resource identifier based upon data obtained from a video address server.

[Continued on next page]

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))

- (88) Date of publication of the revised international search report:**

30 June 2022 (30.06.2022)

- (15) Information about Correction:**

see Notice of 30 June 2022 (30.06.2022)