



(51) International Patent Classification:

G08G 1/00 (2006.01) G08G 1/04 (2006.01)
G06V 20/54 (2022.01) G08G 1/054 (2006.01)
H04L 67/12 (2022.01) G08G 1/017 (2006.01)
G08G 1/01 (2006.01) G07C 5/08 (2006.01)

(21) International Application Number:

PCT/US2023/015361

(22) International Filing Date:

16 March 2023 (16.03.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/320,616 16 March 2022 (16.03.2022) US
18/184,576 15 March 2023 (15.03.2023) US

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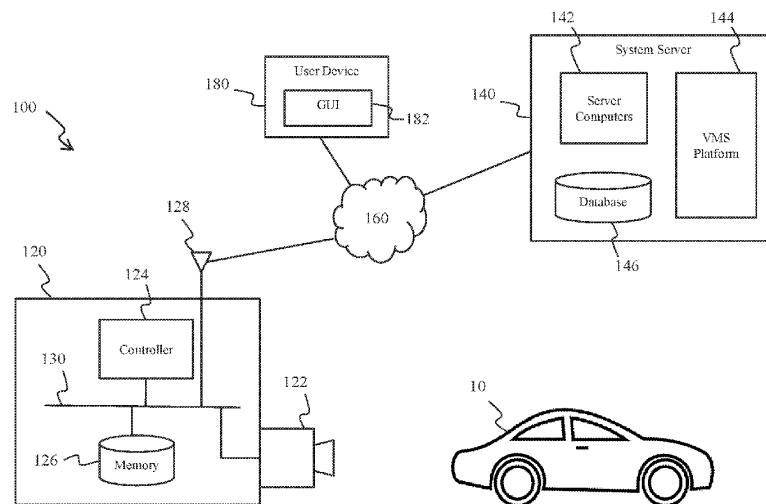
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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, 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,

(54) Title: SYSTEMS AND METHODS FOR DISTRIBUTED VIDEO-MANAGEMENT IN TRAFFIC MONITORING SYSTEMS

FIG. 1



(57) Abstract: A traffic monitoring system includes a remote monitoring system that hosts a video management platform via which a user reviews video data; and one or more traffic sensors communicatively coupled to the remote monitoring system via a wireless network. At least one traffic sensor of the one or more traffic sensors includes a controller that generates low-bit video data and corresponding high-bit video data, and a transceiver that: (a) initially transmits the low-bit video data exclusive of the high-bit video data to the remote monitoring system, and (b) subsequently and in response to a request for the corresponding high-bit video data received from the remote monitoring system, transmits the high-bit video data to the remote monitoring system.

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).

Published:

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