

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 September 2007 (27.09.2007)

PCT

(10) International Publication Number
WO 2007/109041 A3

(51) International Patent Classification:

H04L 1/18 (2006.01) **H04L 27/34** (2006.01)
H04L 1/00 (2006.01) **H04L 27/36** (2006.01)

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(21) International Application Number:

PCT/US2007/006397

(22) International Filing Date: 14 March 2007 (14.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/783,644 17 March 2006 (17.03.2006) US

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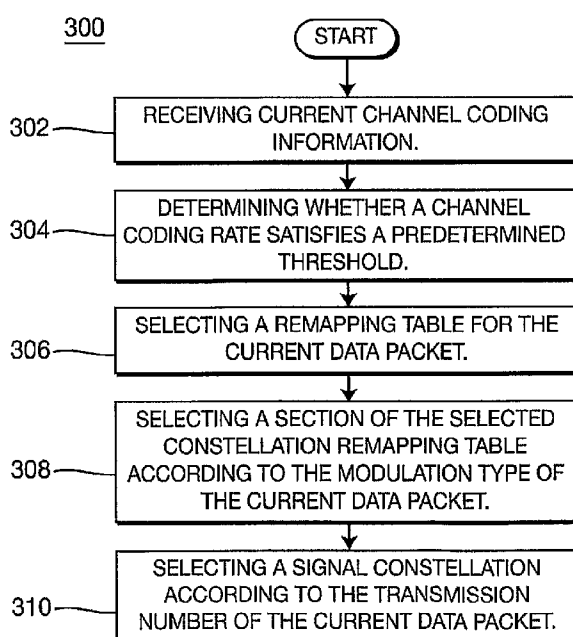
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS,
LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ,
NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU,
SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL,
PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD FOR ADAPTIVE QUADRATURE AMPLITUDE MODULATION SIGNAL CONSTELLATION REMAP-
PING FOR DATA PACKET RETRANSMISSIONS



(57) Abstract: The present invention is related to a simplified QAM signal constellation symbol -wise remapping scheme for data packet retransmissions to improve performance at a high coding rate, wherein mapping rules are determined separately for the I and Q bits. The present invention is further related to a method for adaptive switching between bit -wise and symbol -wise constellation remapping for data packet re-transmissions according to channel coding rate to achieve optimum performance across the range of channel coding rates.

WO 2007/109041 A3



Published:

— *with international search report*

(88) Date of publication of the international search report:

13 March 2008