



(43) International Publication Date
14 November 2013 (14.11.2013)

- (51) International Patent Classification:
H04B 1/04 (2006.01) *H03G 1/00* (2006.01)
- (21) International Application Number:
PCT/SG2013/000185
- (22) International Filing Date:
10 May 2013 (10.05.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
201203471-6 11 May 2012 (11.05.2012) SG
- (71) Applicant: AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632 (SG).
- (72) Inventors: JOUNG, Jin Gon; c/o PKM, Institute for Infocomm Research, 1 Fusionopolis Way #21-01, Connexis South Tower, Singapore 138632 (SG). HO, Chin Keong; c/o PKM, Institute for Infocomm Research, 1 Fusionopolis Way #21-01, Connexis South Tower, Singapore 138632 (SG). SUN, Sumei; c/o PKM, Institute for Infocomm Research, 1 Fusionopolis Way #21-01, Connexis South Tower, Singapore 138632 (SG).
- (74) Agent: VIERING, JENTSCHURA & PARTNER LLP; P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).

(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, DK, DM, DO, 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, 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, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

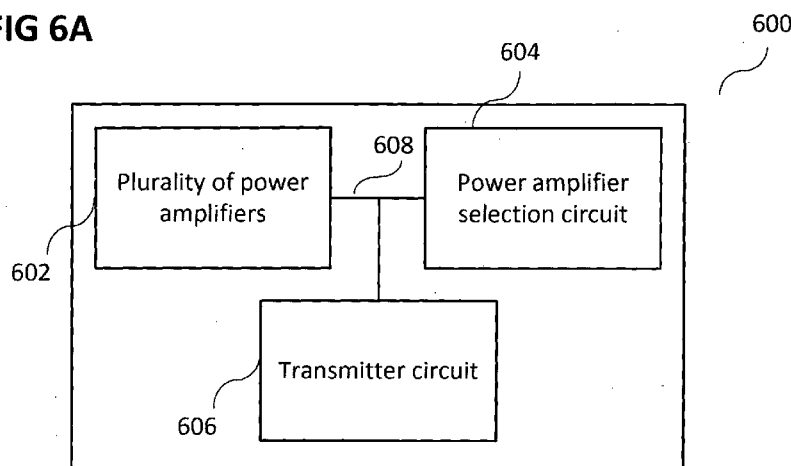
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, 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, ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: COMMUNICATION DEVICES AND METHODS FOR CONTROLLING A COMMUNICATION DEVICE

FIG 6A



(57) Abstract: According to various embodiments, a communication device may be provided. The communication device may include: a plurality of power amplifiers in a radio frequency transmit chain; a power amplifier selection circuit configured to determine for every power amplifier in the radio frequency transmit chain, whether the power amplifier should be used; and a transmitter circuit configured to use the one or more power amplifiers for which it has been determined that they should be used for transmitting data.

