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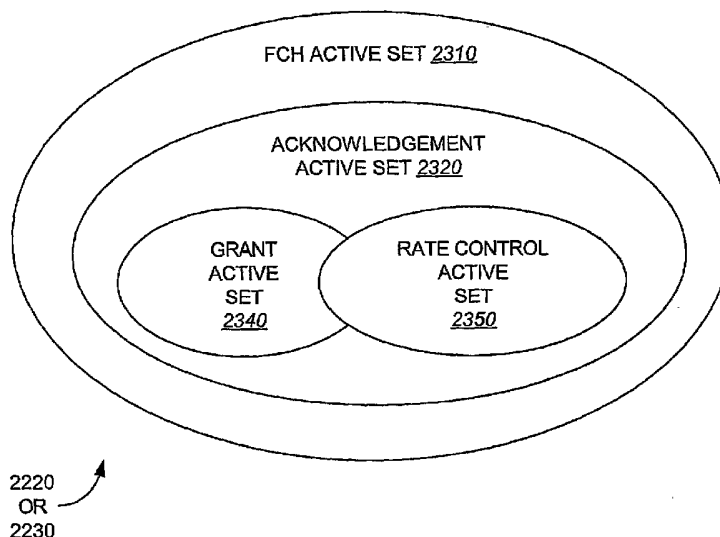
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(57) Abstract: Embodiments disclosed herein address the need in the art for efficient management of grant, acknowledgement, and rate control channels. In one aspect, a list associated with a first station is generated or stored, the list comprising zero or more identifiers, each identifier identifying one of a plurality of second stations for sending a message to the first station. In another aspect, sets of lists for one or more first stations are generated or stored. In yet another aspect, the messages may be acknowledgements, rate control commands, or grants. In yet another aspect, messages comprising one or more identifiers in the list are generated. Various other aspects are also presented. These aspects have the benefit of reduced overhead while managing grant, acknowledgment and rate control messaging for one or more remote stations.

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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,

PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X A	EP 1 326 471 A (QUALCOMM INC) 9 July 2003 (2003-07-09) abstract page 2, paragraph 1 - page 24, paragraph 158	1-44, 46-65 45
X A	3GPP2 C: "cdma2000 High Rate Packet Data Air Interface Specification C.S0024" 3RD GENERATION PARTNERSHIP PROJECT 2, 3GPP2, 12 September 2000 (2000-09-12), XP002206456 pages 6-40 - pages 6-48 pages 8-30	1-44, 46-65 45
X A	US 6 590 879 B1 (HUANG WEI ET AL) 8 July 2003 (2003-07-08) abstract; figure 1 column 1, line 1 - column 8, line 56 ----- -/-	1-44, 46-65 45



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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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