

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
5 February 2004 (05.02.2004)

PCT

(10) International Publication Number  
WO 2004/012349 A3

(51) International Patent Classification<sup>7</sup>: H04Q 7/00,  
H04L 1/02, H03M 1/00

(21) International Application Number:  
PCT/US2003/023814

(22) International Filing Date: 29 July 2003 (29.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/399,811 31 July 2002 (31.07.2002) US

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, 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, 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.

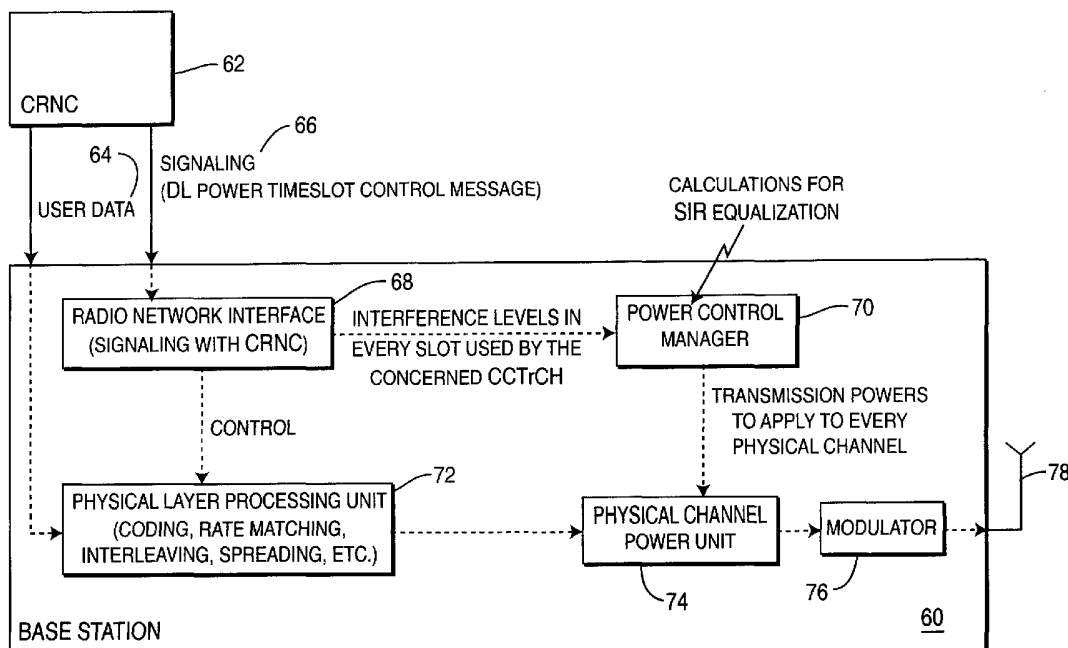
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF,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

Published:  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
25 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EQUALIZING SIGNAL-TO-INTERFERENCE RATIOS OF DIFFERENT PHYSICAL CHANNELS SUPPORTING A CODED COMPOSITE TRANSPORT CHANNEL



(57) Abstract: A system and method for equalizing the signal-to-interference ratios (SIRs) of a plurality of physical channels supporting a coded composite transport channel CCTrCH comprises calculating new transmission powers such that not only are the SIRs of the physical channels equalized, but also the average SIR of the CCTrCH remains constant.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23814

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) :H04Q 7/00; H04L 1/02; H03M 1/00

US CL :341/122, 143; 455/522; 375/347

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)

U.S. : 341/122, 143; 455/522; 375/347

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 NONE

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

USPAT EAST


**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                 | Relevant to claim No. |
|-----------|--|-----------------------|
| Y,P       | US 6,556,839 B1 (KONDO) 29 April 2003 (29.04.2003), column 4, lines 42-61.                         | 1-10                  |
| Y         | US 6,141,393 A (THOMAS et al) 31 October 2000 (31.10.2000), column 6, line 65 - column 7, line 19. | 1-10                  |
| A,P       | US 6,574,293 B1 (KHAYRALLAH et al) 03 June 2003 (03.06.2003), column 4 lines 18-50.                | 1-10                  |

Further documents are listed in the continuation of Box C.  See patent family annex.

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| Date of the actual completion of the international search<br>27 NOVEMBER 2003 | Date of mailing of the international search report<br><b>21 JAN 2004</b> |
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