

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 September 2007 (20.09.2007)

PCT

(10) International Publication Number
WO 2007/106651 A3

(51) International Patent Classification:

H04Q 7/24 (2006.01)

(21) International Application Number:

PCT/US2007/062584

(22) International Filing Date:

22 February 2007 (22.02.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/376,011 15 March 2006 (15.03.2006) US

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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, LV, 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.

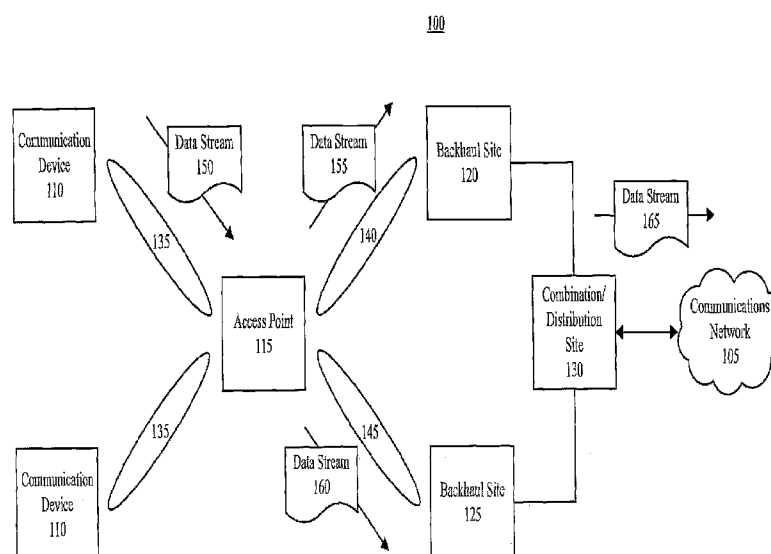
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, 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).

Published:

— with international search report

[Continued on next page]

(54) Title: DYNAMIC WIRELESS BACKHAUL CONFIGURATION



(57) Abstract: A communication system and a method of communicating data. A first backhaul site (120) can be dynamically selected from a plurality of backhaul sites that are each configured to wirelessly communicate with an access point (115). A controller (225, 315) can dynamically configure a transmission parameter used to communicate a first backhaul data stream (155, 455) between the access point and the first backhaul site. The first backhaul data stream can be derived from a source data stream (150, 450) and can be wirelessly communicated between the access point and the first backhaul site. A second backhaul site (125) also can be selected. A second backhaul data stream (160, 460) also can be derived from the source data stream and wirelessly communicated between the access point and the second backhaul site. The first and second backhaul data streams can be combined.

WO 2007/106651 A3



— *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:

13 March 2008

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/62584

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04Q 7/24 (2007.10)

USPC - 370/338

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)

IPC(8) - G01R 31/08; G06F 11/00; G08C 15/00; H04J 1/16, 3/14; H04L 1/00, 12/26, 12/28, 12/56; H04Q 7/24, 7/20; H04H 1/00; H04B 7/00 (2007.10)

USPC - 370/338, 406, 229; 455/3.01, 452.1, 450, 522

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 practicable, search terms used)

Database: Patbase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0074019 A1 (HANDFORTH et al) 07 April 2005 (07.04.2005) entire document	1-20
A	US 6,687,503 B1 (PORTER et al) 03 February 2004 (03.02.2004) entire document	1-20

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Date of the actual completion of the international search

14 November 2007

Date of mailing of the international search report

10 JAN 2008

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Facsimile No. 571-273-3201

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PCT OSP: 571-272-7774