

(19) World Intellectual Property Organization  
International Bureau



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

PCT

(10) International Publication Number  
WO 2007/109170 A3

(51) International Patent Classification:  
H04L 12/28 (2006.01) H04L 12/54 (2006.01)

(21) International Application Number:  
PCT/US2007/006698

(22) International Filing Date: 16 March 2007 (16.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/784,105 20 March 2006 (20.03.2006) 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, 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).

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:  
9 October 2008

(54) Title: TECHNIQUES FOR GENERATING AND USING A RESERVATION MAP

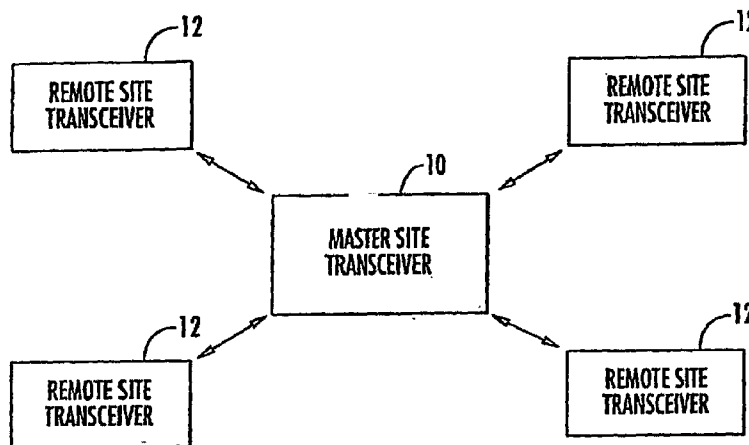


FIGURE 1

(57) Abstract: A method of allocation transmission channels of a frequency band to has each of a plurality of remote stations monitor all channels of the frequency band in its area for the presence of transmissions from stations nol~ part of the network. Each remote station transmits its clear channel list to a master station that aggregates the clear channel list into a reservation map, or map of channels that are clear to all stations in the network. The master station then transmits the reservation map to all stations of the network. The individual stations use the channels of the reservation map to transmit information to the master station. Preferably transmission is accomplished using frequency hopping using a set of channels selected from the reservation map.

WO 2007/109170 A3

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/06698

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **H04L 12/28( 2006.01);H04L 12/54( 2006.01)**

USPC: 370/395.21,322,342,436,468,477  
 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. : 370/395.21,322,342,436,468,477

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)

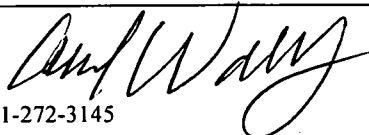
**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,304,756 B1 (HEBELER et al) 16 October 2001 (16.10.2001), Figs. 1-4, col 2 lines 12-30; col 3 line 60- col 4 line 35).	1-12
Y	US 4,578,815 (PERSINOTTI) 25 March 1986 (25.03.1986), abstract, col 1 lines 34-39; col 8 line 64 - col 10 line 27)	1-12

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

* Special categories of cited documents:	
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 08 July 2008 (08.07.2008)	Date of mailing of the international search report <b>05 AUG 2008</b>
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