

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

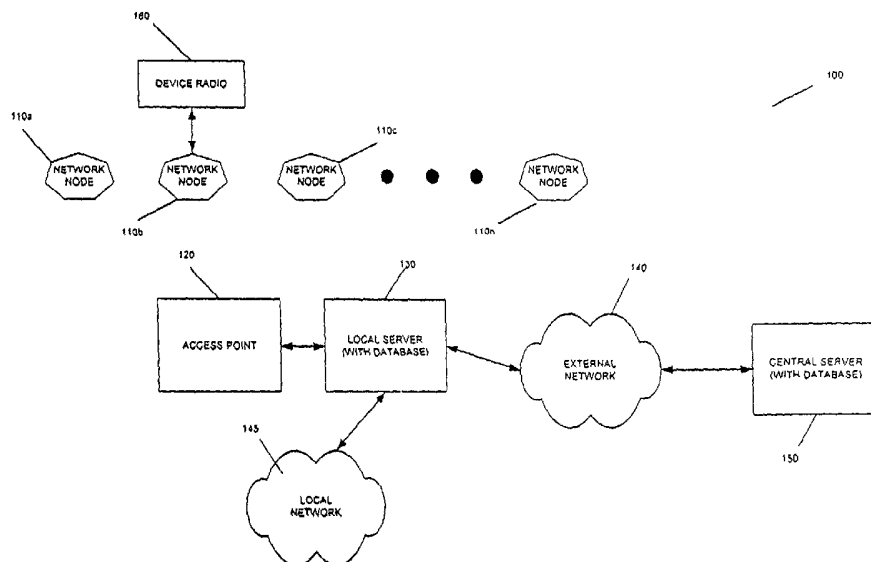
PCT

(10) International Publication Number
WO 2004/036764 A3

- (51) International Patent Classification⁷: **H04Q 7/00** NY 11542 (US). **IZVARIN, Yuriy** [UA/UA]; 1 Pine Valley Road, Upper Brookville, NY 11771 (US).
 - (21) International Application Number: PCT/US2003/030399
 - (22) International Filing Date: 24 September 2003 (24.09.2003)
 - (25) Filing Language: English
 - (26) Publication Language: English
 - (30) Priority Data: 10/271,709 15 October 2002 (15.10.2002) 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, US, 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

[Continued on next page]

(54) Title: TIMELY ORGANIZED AD HOC NETWORK AND PROTOCOL FOR TIMELY ORGANIZED AD HOC NETWORK



(57) Abstract: A timely organized ad hoc network is provided, including at least one access point, and a plurality of network nodes operable to transmit and receive at least one node information message destined for the at least one access point, in which at least one of the plurality of network nodes transmits the at least one node information message to a first selected one of at least one neighboring destination, the first selected neighboring destination being selected in accordance with a dynamic self-routing protocol, the first selected neighboring destination including one of: i) the at least one access point, and ii) a first neighboring network node of the plurality of network nodes, if the at least one network node is prevented from directly transmitting the node information to the at least one access point.

WO 2004/036764 A3



(88) Date of publication of the international search report:

1 July 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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/30399

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/00
 US CL : 370/328

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. : 370/328, 329, 330, 336, 337, 338, 312, 347, 348, 349; 709/220, 222

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.
X --- Y	US 6,307,843 B1 (OKANOUE) 23 October 2001, see figure 1 and col. 1 line 44 to col. 2 line 8.	1-4, 29-32, 35-40, 42 ----- 5-6, 33-34
Y,P --- A,P	US 6,577,613 B1 (RAMANATHAN) 10 June 2003, see background of invention.	5-6, 33-34 ----- 7-28, 41
X	US 6,134,587 A (OKANOUE) 17 October 2000, see figures 1, 3, 9.	1-4, 29-32, 35-40, 42
Y	US 5,717, 689 A (AYANOGLU) 10 February 1998, see figures 1-3.	1-4, 29-32, 35-40, 42

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

31 March 2004 (31.03.2004)

Date of mailing of the international search report

12 APR 2004

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