



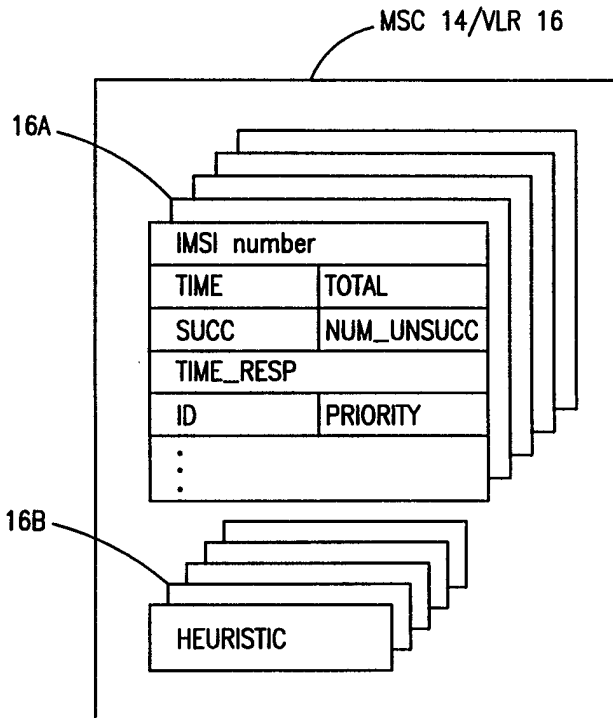
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/US97/23530 (22) International Filing Date: 23 December 1997 (23.12.97) (30) Priority Data: 08/775,444 30 December 1996 (30.12.96) US (71) Applicant: ERICSSON INC. [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US). (72) Inventors: ALPEROVICH, Vladimir; 18419 Rain Dance Trail, Dallas, TX 75252 (US). VALENTINE, Eric; 1600 Brazos Trail, Plano, TX 75075 (US). (74) Agents: MOORE, Stanley, R. et al.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).</p>	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 22 October 1998 (22.10.98)</p>	

(54) Title: SPECIAL HANDLING OF REPEATED PAGING

(57) Abstract

A system and method for controlling the number and scope of pages to a mobile subscriber in a wireless telecommunications system is disclosed. Operational information about each subscriber is stored within the respective Mobile Switching Center/Visitor Location Register for that subscriber, and pages to the subscriber are modified pursuant to a given rule stored in a rules database in accordance with the operational information.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/23530

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 H04Q7/38

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 6 H04Q

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TABBANE S: "AN ALTERNATIVE STRATEGY FOR LOCATION TRACKING" IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, vol. 13, no. 5, 1 June 1995, pages 880-892, XP000499094 see page 881, paragraph 3 - page 883, column 1 see page 891, column 1, last paragraph - column 2, paragraph 1 --- -/--</p>	<p>1-3, 12-15, 17, 18</p>

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Patent family members are listed in annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/23530

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LYBEROPOULOS G L ET AL: "INTELLIGENT PAGING STRATEGIES FOR THIRD GENERATION MOBILE TELECOMMUNICATION SYSTEMS" IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol. 44, no. 3, 1 August 1995, pages 543-553, XP000526045 see page 543, column 2, paragraph 2 - page 548, column 1 see figures 5,6</p> <p style="text-align: center;">---</p>	<p>1,3,12, 14,17,18</p>
X	<p>US 5 054 110 A (COMROE RICHARD A ET AL) 1 October 1991 see column 1, line 66 - column 2, line 63 see column 3, line 65 - column 5, line 38 see figure 2</p> <p style="text-align: center;">---</p>	<p>1,3,12, 15,17,18</p>
X	<p>GB 2 290 678 A (ERICSSON TELEFON AB L M) 3 January 1996 see page 4, line 20 - line 23 see page 11, line 13 - page 13, line 15 see figure 4A</p> <p style="text-align: center;">---</p>	<p>1,3,16, 17</p>
A	<p>EP 0 732 863 A (TOKYO SHIBAURA ELECTRIC CO) 18 September 1996 see column 11, line 3 - column 15, line 56 see column 20, line 44 - column 23, line 31 see figures 4,7</p> <p style="text-align: center;">-----</p>	<p>1,18</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

Interr. nal Application No

PCT/US 97/23530

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