

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 May 2006 (04.05.2006)

PCT

(10) International Publication Number
WO 2006/047338 A3

(51) International Patent Classification:

H04Q 7/20 (2006.01) **H04M 3/00** (2006.01)
H04Q 7/22 (2006.01) **H04B 7/00** (2006.01)

(21) International Application Number:

PCT/US2005/038043

(22) International Filing Date: 21 October 2005 (21.10.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/621,167 22 October 2004 (22.10.2004) US
11/255,728 20 October 2005 (20.10.2005) 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, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY,
MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO,
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, 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
- 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:

4 January 2007

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

(54) Title: METHODS AND APPARATUS FOR PROVIDING APPLICATION-SPECIFIC MESSAGING OVER A GSM SYS-
TEM

(57) Abstract: Methods and apparatuses for transmitting application-specific data over a control channel of a GSM telecommu-
nications system. In one embodiment of the invention the application-specific data is transmitted from an application device to a
central monitoring station in the content field of a register _ss message. In one embodiment of the invention, application-specific
data is transmitted from a central monitoring station to an application device in the calling party number field of a caller identification
message.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/38043

A. CLASSIFICATION OF SUBJECT MATTER

IPC: H04Q 7/20(2006.01);H04Q 7/22(2006.01);H04M 3/00(2006.01);H04B 7/00(2006.01)

USPC: 455/414.1,419,420,423,515

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. : 455/414.1, 419, 420, 423, 515

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	US 6,144,859 (LADUE) 7 November 2000 (07.11.2000), column 2, lines 36-51; column 2, line 63 - column 3, lines 1-31; column 4, lines 4-11; column 5, lines 1-37; column 6, lines 11-17.	1, 4, 6, 7, 8, 16, 18-20, 25, 28, 30, 31, and 32
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Y		2, 3, 5, 14, 15, 17, 26, 27, and 29
Y	US 2002/0193127 A1 (MARTSCHITSCH) 19 December 2002 (19.12.2002), paragraph 0007.	2, 3, 14, 15, 26, and 27
Y	US 5,966,653 (JOENSUU et al.) 12 October 1999 (12.10.1999), Figure 3; column 5, lines 7-32.	5, 17, and 29
Y	US 5,546,444 (ROACH Jr. et al.) 13 August 1996, Abstract; column 4, lines 42-61	1, 25
X	WO 99/48308 (LADUE) 23 September 1999 (23.09.1999), Abstract.	1, 25



Further documents are listed in the continuation of Box C.



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

Date of the actual completion of the international search

01 September 2006 (01.09.2006)

Date of mailing of the international search report

27 OCT 2006

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INTERNATIONAL SEARCH REPORT

PCT/US05/38043

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,889,474 (LADUE) 30 March 1999 (30.03.1999), Abstract.	1, 25