### ${\bf (19)}\ World\ Intellectual\ Property\ Organization$

International Bureau





(43) International Publication Date 13 September 2007 (13.09.2007)

# (10) International Publication Number WO 2007/101716 A3

(51) International Patent Classification:

**G01C 21/32** (2006.01) **H04L 12/00** (2006.01) **G06F 13/10** (2006.01) **H04L 29/00** (2006.01)

**G06F 17/30** (2006.01) **H04M 1/00** (2006.01)

(21) International Application Number:

PCT/EP2007/002153

(22) International Filing Date: 8 March 2007 (08.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0604709.6	8 March 2006 (08.03.2006)	GB
0604708.8	8 March 2006 (08.03.2006)	GB
0604710.4	8 March 2006 (08.03.2006)	GB
0604704.7	8 March 2006 (08.03.2006)	GB
0604706.2	8 March 2006 (08.03.2006)	GB

- (71) Applicant (for all designated States except US): TOM-TOM INTERNATIONAL B.V. [NL/NL]; Rembrandt-plein 35, NL-1017 CT Amsterdam (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): DEURWAARDER, William [NL/NL]; TomTom International B.V., Rembrandtplein 35, NL-1017 CT Amsterdam (NL).

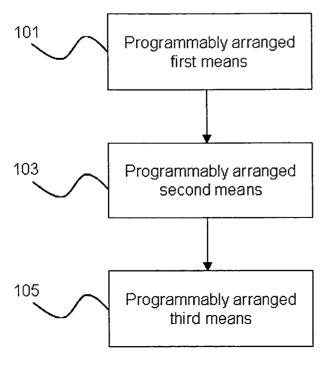
- (74) Agent: EISENBERG, Jacob; TomTom International B.V., Rembrandtplein 35, NL-1017 CT Amsterdam (NL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, 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 amondments.
- (88) Date of publication of the international search report:

6 March 2008

(54) Title: COMMUNICATION DEVICE WITH INDIRECT COMMAND DISTRIBUTION



(57) Abstract: The invention provides a communication device with a programmably arranged first means (101), a programmably arranged second means (103) and a programmably arranged third means (105). The programmably arranged first means (101) requests the programmably arranged second means (103) to transmit the certain command to a non-existing network address, wherein the programmably arranged second means (103) informs the programmably arranged third means (105) about the request to transmit the certain command. The programmably arranged third means (105) executes the certain command in response to the information indicating the request.



## INTERNATIONAL SEARCH REPORT

International application No PCT/EP2007/002153

CLASSIFICATION OF SUBJECT MATTER NV. G01C21/32 G06F1 a. Cla INV. G06F13/10 G06F17/30 H04L12/00 H04L29/00 H04M1/00 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) **G06F** 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) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Α EP 1 359 519 A (PIONEER CORP [JP]) 1 - 105 November 2003 (2003-11-05) column 2, paragraph 8 - column 11. paragraph 47; figures 1-3 Α US 2003/060232 A1 (HASHIMOTO JUNJI [JP] ET 1 - 10AL) 27 March 2003 (2003-03-27) page 2, paragraph 45 - page 6, paragraph 93; figures 1-4 US 6 269 430 B1 (CHEN CHIA-HSIN [TW] ET Α 1 - 10AL) 31 July 2001 (2001-07-31) column 3, line 55 - column 6, line 58; figures 1,4 Α JP 2005 286877 A (TOSHIBA SOLUTIONS CORP) 1 - 1013 October 2005 (2005-10-13) abstract Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "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 Date of mailing of the international search report 11 January 2008 21/01/2008 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Springer, Oliver

## INTERNATIONAL SEARCH REPORT

information on patent family members

International application No
PCT/EP2007/002153

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1359519	А	05-11-2003	JP US	2003323568 A 2003220981 A1	14-11-2003 27-11-2003
US 2003060232	A1	27-03-2003	CN JP KR	1411155 A 2003109185 A 20030026894 A	16-04-2003 11-04-2003 03-04-2003
US 6269430	B1	31-07-2001	TW	388817 B	01-05-2000
JP 2005286877	Α	13-10-2005	JP	3836472 B2	25-10-2006