

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
13 February 2003 (13.02.2003)

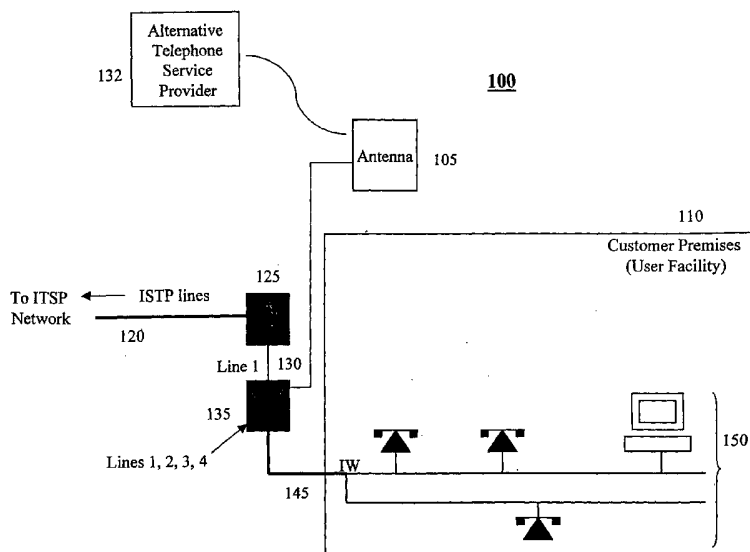
PCT

(10) International Publication Number  
WO 03/013115 A3

- (51) International Patent Classification<sup>7</sup>: H04M 3/42, H04Q 1/02
- (21) International Application Number: PCT/US02/24444
- (22) International Filing Date: 1 August 2002 (01.08.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 09/918,566 1 August 2001 (01.08.2001) US
- (71) Applicant: AT & T WIRELESS SERVICES, INC. [US/US]; 7277 164th Avenue N.E., Redmond, WA 98052 (US).
- (72) Inventors: YIP, Adrian; 12417 68th Avenue S.E., Snohomish, WA 98296 (US). VDOLEK, Alex; 2120 N.E. 91st Street, Redmond, WA 98053 (US). PEAVLER, Keith; 9103 28th Street C.E., Edgewood, WA 98371 (US).
- (74) Agents: MUDGE, Brian, S. et al.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).
- (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, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, 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, IE, IT, LU, MC, NL, PT, SE, 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
- (88) Date of publication of the international search report: 30 May 2003

[Continued on next page]

(54) Title: A METHOD FOR SEAMLESS PORT CAPABILITY FOR AN ALTERNATIVE SERVICE PROVIDER



(57) Abstract: A method provides seamless porting of a user telephone number from a first telephone service provider network (120) to a second telephone service provider network (132). A network interface device (135) is provided that is interconnected to the first telephone service provider network, a second telephone service provider network, and at least one user communications device (110). The network interface device may be remotely controlled using the second telephone service provider network to transfer the user telephone number from the first network to the second network.



WO 03/013115 A3



---

*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/US 02/24444

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04M3/42 H04Q1/02

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 7 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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 160 880 A (ALLEN ROBERT R) 12 December 2000 (2000-12-12) column 7, line 1 -column 8, line 9; figure 3	1-18
P,X	US 6 282 277 B1 (DEBALKO GEORGE ANDREW) 28 August 2001 (2001-08-28) column 2, line 1-25	1-18
A	US 6 028 928 A (HAAS JR ROBERT EXUM ET AL) 22 February 2000 (2000-02-22) abstract	1-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international 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)
- \*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

- \*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 invention
- \*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
- \*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.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

27 February 2003

13/03/2003

Name and mailing address of the ISA  
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

Authorized officer  
  
Cremer, J

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/24444

Information on patent family members

Patent document cited in search report	Publication date	Publication date	Patent family member(s)	Publication date
US 6160880	A	12-12-2000	NONE	
US 6282277	B1	28-08-2001	NONE	
US 6028928	A	22-02-2000	BR 9812548 A CA 2302583 A1 WO 9917558 A1	25-07-2000 08-04-1999 08-04-1999