(19) World Intellectual Property Organization International Bureau

madonai Burcau



(43) International Publication Date 24 July 2008 (24.07.2008)

Date PC

(10) International Publication Number $WO\ 2008/087440\ A3$

- (51) International Patent Classification: *G06F 17/30* (2006.01)
- (21) International Application Number:

PCT/GB2008/000186

- (22) International Filing Date: 18 January 2008 (18.01.2008)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:

07001002.0 18 January 2007 (18.01.2007) El

- (71) Applicant (for all designated States except US): WAP-PLE.NET LTD [—/GB]; 4 Courtyard, Buntsford Drive, Bromsgrove, Worcestershire B60 3DJ (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HOLDSWORTH, Richard, Brian, Mark [GB/GB]; 29 Fairmont Road, Bromsgrove, Worcestershire B60 2HJ (GB).
- (74) Agents: BARTON, Russell et al.; Withers & Rogers LLP, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, ME, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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

[Continued on next page]

(54) Title: COMPUTER SYSTEM

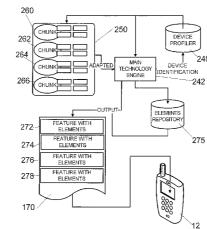


FIGURE 5

(57) Abstract: A mobile internet page computer system for generating mobile internet pages for viewing by mobile communication devices preferably configured for each device, the system comprising a memory, a processor, an input for receiving a request for one or more mobile internet pages from mobile telephones, a plurality of data chunks stored in the memory each data chunks corresponding to a specific purpose /function, page generation means for compiling a mobile internet page from data chunks stored in the memory, chunk selection means for selecting chunks in the memory that correspond to a page request, for enabling the page generation means to compile a page corresponding to the request, chunk adaptation means to adapt data chunks, a database stored in the memory comprising data relating to a plurality of mobile communication devices of different configurations and information on adaptations to be made to data chunks corresponding to the different configurations, wherein the computer system is configured so that on receipt of a page request from an identified type of mobile communication device at the input, the chunk selection means determines which data chunks should be used to compile a page to be viewed by the requester, specific information is retrieved from the database corresponding to the identified model, and preferably the determined chunks, the chunk adaptation means uses the specific information to adapt each of the determined chunks in accordance with the specific information, and the page generation means compiles a page from the adapted data chunks for sending to the identified mobile telephone, and preferably transmits the page so that it is operably accessed by the mobile device that sent the page request.



- 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: 25 September 2008

INTERNATIONAL SEARCH REPORT

International application No PCT/GB2008/000186

a. classi INV.	FICATION OF SUBJECT MATTER G06F17/30								
			• • .						
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum do	cumentation searched (classification system followed by classifical	tion symbols)							
	1104L	•							
Documental	lion searched other than minimum documentation to the extent that	such documents are included in the fields s	earched						
Electronic d	ata base consulted during the international search (name of data b	ase and, where practical, search terms used	1)						
EPO-In	ternal		• •						
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category*	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.						
		·							
X ·	US 2003/023755 A1 (HARRIS MICHEL AL) 30 January 2003 (2003-01-30)	1–24							
٠.	abstract								
,	paragraph [0014] - paragraph [00	35]	' '						
х	KITAYAMA F ET AL: "Design of a	framowork	1-24						
^	for dynamic content adaptation t		1-24						
	Web-enabled terminals and enterp								
	applications"								
	SOFTWARE ENGINEERING CONFERENCE,								
	(APSEC '99). PROCEEDINGS. SIXTH PACIFIC TAKAMATSU, JAPAN 7-10 DE	ASIA C 1999							
•	LOS ALAMITOS, CA, USA, IEEE COMPL	IT . SOC .							
	US, 7 December 1999 (1999-12-07)		v.						
	72-79, XP010363911								
	ISBN: 0-7695-0509-0								
	the whole document		· ·						
		-/							
		•	. '						
V	has decreased and linked in the continuation of Day C	V Con material formity annual							
	her documents are listed in the continuation of Box C.	See patent family annex.							
	ategories of cited documents:	"T" later document published after the into							
"A" document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
E earlier document but published on or after the international *X* document of particular relevance; the claimed invention									
"L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone									
citation or other special reason (as specified) cannot be considered to involve an inventive step when the									
"O" document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such documents, such combination being obvious to a person skilled									
"P" document published prior to the international filing date but later than the priority date claimed "8" document member of the same patent family									
Date of the actual completion of the international search Date of mailing of the international search report									
1	0 July 2008	17/07/2008							
Name and	mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	·						
NL - 2280,HV Rijswijk									
1	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Peeters, Dirk	·						

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2008/000186

		PC1/GB200	00,000100	
C(Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT		·	
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
A	MA WEI-YING ET AL: "Framework for adaptive content delivery in heterogeneous network environments" INTERNET CITATION, [Online]		6	
	24 January 2000 (2000-01-24), XP002168331 Retrieved from the Internet: URL:http://www.cooltown.hp.com/papers/adco n/MMCN2000> [retrieved on 2001-05-28]			•
	abstract paragraph [0001] - paragraph [0004] page 10; table 1			
	page 12; figure 2 page 13; figure 3			
A	BICKMORE T W ET AL: "Digestor: device-independent access to the World Wide Web"		6,12,13	•
	COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, vol. 29, no. 8-13,			
!	September 1997 (1997-09), pages 1075-1082, XP004095305 ISSN: 0169-7552			٠
•	abstract paragraph [0003] paragraph [4.1.3]			
\	US 2003/158969 A1 (GIMSON ROGER BRIAN [GB] ET AL) 21 August 2003 (2003-08-21) abstract		1-24	
.*	paragraph [0030] - paragraph [0039]			
A	WO 00/56033 A (ORACLE CORP [US]) 21 September 2000 (2000-09-21) abstract		1-24	
	page 4, line 17 - page 12, line 36			
4	HORI M ET AL: "Annotation-based Web content transcoding" COMPUTER NETWORKS, ELSEVIER SCIENCE		1-24	
	PUBLISHERS B.V., AMSTERDAM, NL, vol. 33, no. 1-6, June 2000 (2000-06), pages 197-211, XP004304767	·.		
	ISSN: 1389-1286 abstract paragraph [0002] - paragraph [0003] 			
		•		
•				
ì		•		-

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/GB2008/000186

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003023755	A1	30-01-2003	NONE		
US 2003158969	A1	21-08-2003	GB	2384878 A	06-08-2003
WO 0056033	Α	21-09-2000	AT	329440 T	15-06-2006
		•.	AU	759477 B2	17-04-2003
		,	AU	3748300 A	04-10-2000
			CA	2368089 A1	21-09-2000
			DE	60028561 T2	16-05-2007
			EP	1166524 A1	02-01-2002
•			. HK	1040856 A1	06-10-2006
			JP	2002539547 T	19-11-2002
		i .	US	6826597 B1	30-11-2004