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- (71) Applicant: INKTOMI CORPORATION [US/US]; 4100 East Third Avenue, Foster City, CA 94404 (US).
- (72) Inventors: ZHOU, Pei-Yuan; 10462 Noel Avenue, Cupertino, CA 95014 (US). SEMEL, Ivry; 3465 Broderick Street #303, San Francisco, CA 94123 (US). PADALA, Sailendra; 1521 DeAnza Boulevard, San Mateo, CA 94403 (US). LE ROHELEC, Philippe; 1161 Hayes Street #5, San Francisco, CA 94117 (US).
- (74) Agents: EICHSTAEDT, Cheryl et al.; HICKMAN PALERMO TRUONG & BECKER, LLP, 1600 Willow Street, San Jose, CA 95125 (US).

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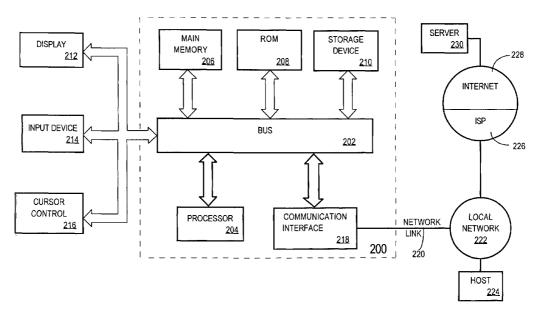
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CONTENT BASED BILLING



(57) Abstract: A method and apparatus for content-based billing is provided. Techniques are provided for intercepting, modifying, and retransmitting a request between various entities engaged in content-based billing in the context of the World Wide Web. Various techniques such as HTTP proxy servers, wireless protocol gateways, routers, and level 41 switches may be used for intercepting the request. The request maybe modified based on numerous factors such as profile information, levels of service, and requested content. The entities that engage in content-based billing include but are not limited to users (including mobile users), content providers, access providers (including HTTP proxy servers).



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INTERNATIONAL SEARCH REPORT

Intermenal Application No PCT/US 02/04768

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A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H04L29/06			
According to	nternational Patent Classification (IPC) or to both national classific	eation and IPC		
	SEARCHED	-		
Minimum do IPC 7	ocumentation searched (classification system followed by classificat $H04L$	ion symbols)		
Documentat	tion searched other than minimum documentation to the extent that	such documents are inclu	ded in the fields searc	hed
	ata base consulted during the international search (name of data ba	ase and, where practical,	search terms used)	
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	ENTS CONSIDERED TO BE RELEVANT		· -	
Category °	Citation of document, with indication, where appropriate, of the re	levant passages		Relevant to claim No.
X	WO 00 79434 A (HANNEL CLIFFORD LEE ;INTERNET DYNAMICS INC (US); MAY ANTHONY ALLAN) 28 December 2000 (2000-12-28)			1-12, 14-17, 38-47, 49-52
	page 2, line 17 - line 24 page 3, line 13 - line 20 page 4, line 29 -page 5, line 16 page 85, line 26 -page 88, line page 90, line 9 -page 91, line 2		43-5 2	
A	WO 00 46963 A (MCCONNELL RICHARD DENIS (GB); APION TELECOMS LIMIT 10 August 2000 (2000-08-10) page 5, line 7 - line 8		4-7, 39-42	
<u> </u>	er documents are listed in the continuation of box C.	χ Patent family m	nembers are listed in an	inex.
·	egories of cited documents :	"T" later document publi	shed after the internati	
	nt defining the general state of the art which is not ered to be of particular relevance		the principle or theory	
"E" earlier do filling da	ocument but published on or after the international ate	"X" document of particul	ar relevance; the claim ed novel or cannot be o	
"L" documer which is	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another	involve an inventive	step when the docum	ent is taken alone
citation	or other special reason (as specified) nt referring to an oral disclosure, use, exhibition or		ar relevance; the claim ed to involve an inventi ned with one or more o	ve step when the
other means mer "P" document published prior to the international filling date but in the			nation being obvious to	a person skilled
	an the priority date claimed ctual completion of the international search	"&" document member o	<u> </u>	
	March 2003	Date of mailing of the international search report 1 6. 06. 2003		
Name and mailing address of the ISA		Authorized officer		· · · · · · · · · · · · · · · · · · ·
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk			
Tel. (+31-70) 34ó-2ó40, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		VEEN, G		

INTERNATIONAL SEARCH REPORT



Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	rnational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inter	rnational Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
I	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: $1-12$, $14-17$, $38-47$
Remark o	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-12, 14-17, 38-47, 49-52

Communication system wherein services provided to a client are identified and the client charged accordingly.

2. Claims: 13,48

Communication system wherein a message is routed based on its source's service class.

3. Claims: 18-28, 53-63

Communication system maintaining profiles of the communicating parties.

4. Claims: 29-35, 64-70

Communication system which verifies whether a requester is able and willing to pay before providing the requested service

5. Claims: 36, 37, 71, 72

Communication system which verifies whether a service provider is an authorized partner before the service is provided

INTERNATIONAL SEARCH REPORT

formation on patent family members

Interrational Application No PCT7US 02/04768

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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WO 0046963	A	10-08-2000	AU CA CN EP WO US	2316000 A 2361726 A1 1339213 T 1147640 A1 0046963 A1 2002015403 A1	25-08-2000 10-08-2000 06-03-2002 24-10-2001 10-08-2000 07-02-2002