

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number
WO 2005/026866 A3

- (51) International Patent Classification:
G06F 15/16 (2006.01)
- (21) International Application Number:
PCT/IB2004/002854
- (22) International Filing Date: 30 August 2004 (30.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/664,058 16 September 2003 (16.09.2003) 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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, 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, IT, LU, 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

- (88) Date of publication of the international search report:
2 April 2009



WO 2005/026866 A3

(54) Title: SYSTEM AND METHOD FOR ADAPTATION OF PEER-TO-PEER MULTIMEDIA SESSIONS

(57) Abstract: A system and method is provided that allows proxy servers to receive capability and preference information concerning user agents (502 and 510) desiring to establish a media session. The proxy server compares the capabilities of the user agents and determines whether an incompatibility exists between them. In the event that an incompatibility does exist, the proxy server may invoke the services of an adaptation server (508) to provide the necessary adaptation required to allow the media session to proceed. The adaptation system allows either the terminating or originating proxy server to make the adaptation determination to allow the adaptation server to modify the offered media session descriptions so that the media streams may be routed through the adaptation server to adapt between incompatible media parameters.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB04/02854

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: G06F 15/16(2006.01)
 USPC: 709/203,227
 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. : 709/203,227

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 7283519 B2 (Girard) 16 October 2007 (16.10.2007), columns 1-65	1-19
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Y	US 7010801 B1 (Jerding et al) 7 March 2006 (07.03.2006), columns 1-33	1-6

Further documents are listed in the continuation of Box C. See patent family annex.

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"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
"E"	earlier application or patent published on or after the international filing date	"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
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search: 27 May 2008 (27.05.2008)
 Date of mailing of the international search report: 24 JUN 2008

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