(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 21 June 2007 (21.06.2007)

(10) International Publication Number WO 2007/070860 A3

(51) International Patent Classification: H04B 1/38 (2006.01)

(21) International Application Number:

PCT/US2006/062120

(22) International Filing Date:

14 December 2006 (14.12.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 11/300,522

14 December 2005 (14.12.2005)

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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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, 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, 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).

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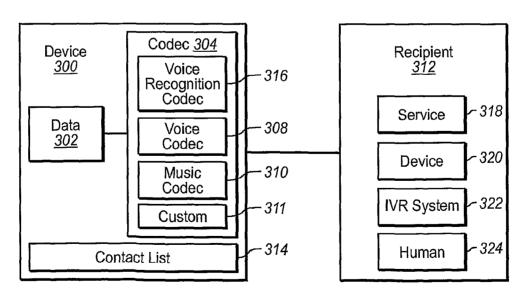
as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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 amendments

[Continued on next page]

(54) Title: INTELLIGENT CODEC SELECTION TO OPTIMIZE AUDIO TRANSMISSION IN WIRELESS COMMUNICA-**TIONS**



(57) Abstract: An optimal compressor/decompressor (codec) module is intelligently selected for use when transmitting audio from a mobile communication device to a recipient. The codec can be selected based on the type of the audio data or the characteristics of the recipient. The codec can also be selected based on whether the audio data is to be transmitted to the recipient in real time or recorded and transmitted asynchronously. Audio data that is to be transmitted to the recipient is encoded or compressed using the selected codec and then sent to the recipient. Selection of the codec in this manner permits the compression to be optimized in response to specific circumstances associated with the communication of the audio data between the sender device and the recipient. The codec can be selected during the communication in response to a tone or other data provided by the recipient.

(88) Date of publication of the international search report:

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 06/62120

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04B 1/38 (2007.01) USPC - 455/563 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) USPC: 455/563				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 704/201, 370/395.61				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(PGPB,USPT,USOC,EPAB,JPAB), GOOGLE SCHOLAR terms: wireless, audio or voice or music, select, codec, compress, speech recognition, recipient, tone, IVR, VOIP, ITU V.70.				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
X Y	US 5,855,003 A (LADDEN et al.) 29 December 1998 (2	29.12.1998), entire document.	1-3, 5, 7-9, 12 and 25-27 4, 6, 10-11, 13-24 and 28 -29	
Y	ITU-T Recommendation V.70 [online]. TELECOMMUNICATION STANDARDIZATION SECTOR OF INTERNATIONAL TELECOMMUNICATION UNION, 08/1996 [retrieved on 2007-10-18]. Retrieved from internet: <url:http: dologin_pub.asp?lang="e&id=T-REC-V.70-199608-I!!PDF-E&type=items" rec="" www.itu.int="">. entire document.</url:http:>		4, 13-24 and 28-29	
Y	US 2004/0022237 A1 (ELLIOTT et al.) 05 February 2004 (05.02.2004), [0038]-[0039] and [0451]-[0453].		6	
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the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report				
19 October 2007 (19.10.2007)		20 NOV 20	20 NOV 2007	
I .	nailing address of the ISA/US	Authorized officer:		
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