

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 July 2004 (15.07.2004)

PCT

(10) International Publication Number
WO 2004/059894 A3

(51) International Patent Classification⁷: G10L 19/00

(21) International Application Number:
PCT/IB2003/006217

(22) International Filing Date:
29 December 2003 (29.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/335,543 31 December 2002 (31.12.2002) US

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(81) Designated States (national): 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, 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, UZ, VC, VN, YU, ZA, ZM, ZW.

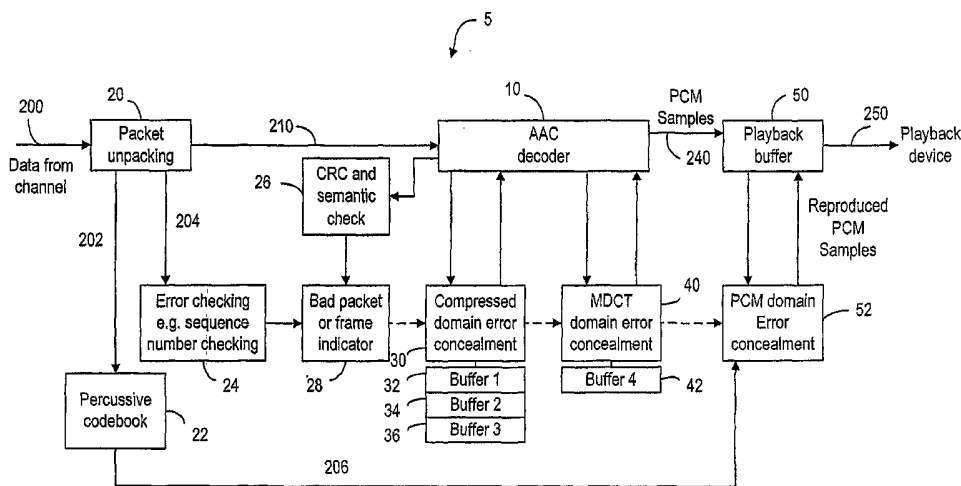
(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report
— 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:
6 May 2005

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: METHOD AND DEVICE FOR COMPRESSED-DOMAIN PACKET LOSS CONCEALMENT



(57) Abstract: Audio data from a channel (200) is AAC decoded (10) and the data is checked for errors (24). If a bad packet or frame is detected (28), then the signal is processed to conceal the error (30, 40, 52).

WO 2004/059894 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB03/06217

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G10L 19/00
 US CL : 704/200.1, 228

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. : 704/200, 200.1, 211-230

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,327,689 B1 (TIAN) 04 December 2001 (04.12.2001), see entire document.	1-13
Y	US 5,928,379 A (HATTORI) 27 July 1999 (27.07.1999), see entire document.	1-13
Y	US 5,862,518 A (NOMURA et al.) 19 January 1999 (19.01.1999), see entire document.	1-13
Y	US 6,490,243 B1 (TANAKA et al.) 03 December 2002 (03.12.2002), see entire document.	1-13
Y	US 2002/0126988 A1 (TOGASHI et al.) 12 September 2002 (12.09.2002)	1-13
Y	KORHONEN, JARI, Error Robustness Scheme for Perceptually Coded Audio Based on Interframe Shuffling of Samples, Proc. of IEEE ICASSP 2002, Orlando, FL, May 2002, pages 2053-2056.	1-13
Y	BRANDENBURG, KARLHEINZ et al, ISO-MPEG-1 Audio: A Generic Standard for Coding of High-Quality Digital Audio, 92nd Convention of the Audio Engineering Society, Vienna, Austria, 24 march 1992, revised 15 July 1994, pages 780-792.	1-13

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

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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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"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)	"&"	document member of the same patent family
"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		

Date of the actual completion of the international search 13 December 2004 (13.12.2004)	Date of mailing of the international search report 15 MAR 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer David D. Knepper Telephone No. (703) 305-0377

INTERNATIONAL SEARCH REPORT

PCT/IB03/06217

Continuation of B. FIELDS SEARCHED Item 3:

EAST: speech, voice, audio, error, defect\$, frame, data, part, portion, element, DCT, MPEG, QMDCT, frequency, interpolat\$