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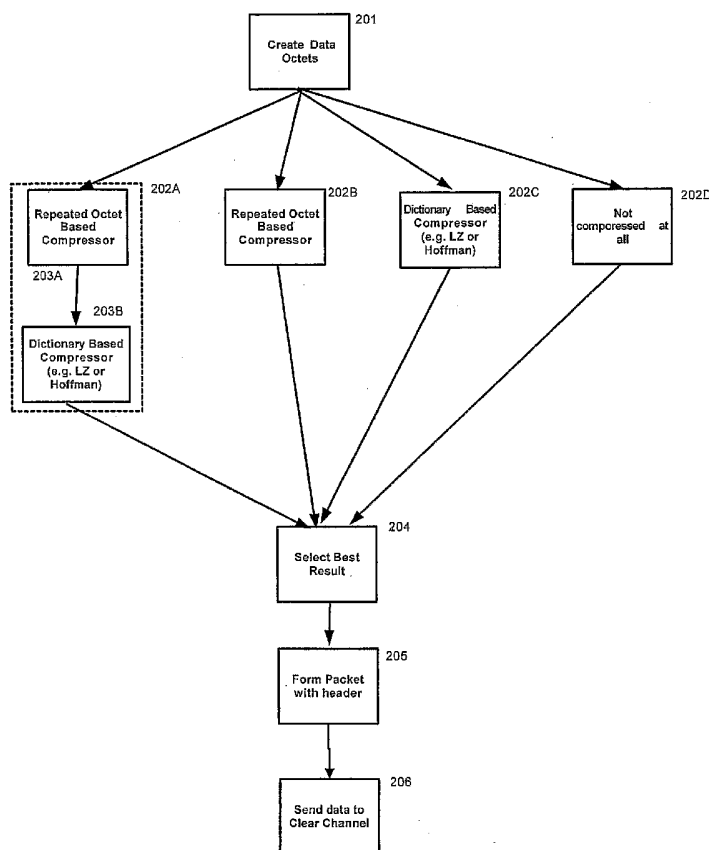
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[Continued on next page]

(54) Title: TWO STAGE LOSS-LESS COMPRESSOR FOR A CLEAR CHANNEL OVER A PACKET NETWORK



(57) Abstract: A two stage compression sub-system (figure 2) for clear channel data. The front stage (203A) of the compressing sub-system is an octet based repeat compressor. The second stage (203B) is dictionary based compressor. Data is compressed using several different techniques, and the technique that provides the best compression is used for each particular packet (204). After compression, each packet is provided with a header which specifies the exact method used to compress that packet (205). At the decoder, the packet header is interrogated to determine how the packet should be de-compressed and the appropriate de-compression is then used.

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 US CL : 370/389, 392, 465, 474
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B. FIELDS SEARCHED
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 U.S. : 370/389, 392, 465, 474

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)
 EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,434,168 B1 (KARI) 13 August 2002 (13.08.2002), column 1, lines 54-60, column 2, lines 35-38, column 3, lines 18-29, column 4, lines 25-35	4-5,7,9-14,16,18-19 ----- 1-3, 6, 8, 15, 17
X --- Y	US 2002/0091905 A1 (GEIGER et al) 11 July 2002 (11.07.2002), paragraphs 0084-0095	4-5,7,9-14,16,18-19 ----- 1-3, 6, 8, 15, 17
A	US 5,884,269 (CELLIER et al) 16 March 1999 (16.03.1999), column 4, lines 46-64 and Figure 1.	1-3, 6, 8, 15-17.
A	US 2001/0046260 A1 (MOLLOY) 29 November 2001 (29.11.2001), Abstract, paragraphs 0009, 0014, 0032, and Figure 1.	1-3, 6, 8, 15-17.

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

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