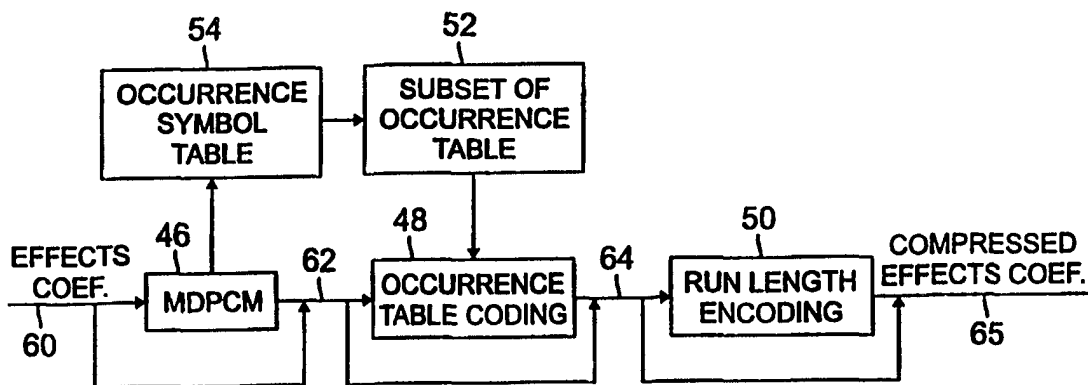




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/US98/00817 (22) International Filing Date: 16 January 1998 (16.01.98) (30) Priority Data: 08/800,654 4 February 1997 (04.02.97) US (71) Applicant: MEDIA 100, INC. [US/US]; 290 Donald Lynch Boulevard, Marlboro, MA 01752 (US). (72) Inventors: CHUNG, Alan; 17 Jonathan Lane, Chelmsford, MA 01824 (US). BERGER, Ralf; 10 Fenwood, Acton, MA 01720 (US). (74) Agent: BOOTH, William, E.; Fish &amp; Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).</p>		<p>(81) Designated States: European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i> (88) Date of publication of the international search report: 29 October 1998 (29.10.98)</p>

(54) Title: COMPRESSION/DECOMPRESSION OF STREAM OF VIDEO DATA



(57) Abstract

An adaptive method of lossless compression of video data (46) including evaluating a block of consecutive video data values, selecting one mode of a plurality of possible lossless data compression modes based upon the evaluation of the block, compressing the video data values (50) to the selected mode to result in compressed video data values for the block, and adding an indication of the selected mode to the compressed video data values for the block.

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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US98/00817

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(6) : H04N 7/32  
US CL : 348/410; 382/244  
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. : 348/384, 390, 400-402, 405, 407, 409-413, 415, 416, 420, 699; 382/232-236, 238, 244-251

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 5,367,385 A (YUAN) 22 November 1994, figs. 1a and 1b, cols 3-5.	1-5, 20-24, 40, 41
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Y		6-19, 25-39
Y	US 5,526,054 A (GREENFIELD et al) 11 June 1996, cols. 1-3, 10-11.	6-19, 25-39
A	US 5,283,646 A (BRUDER) 01 February 1994.	1-41
A	US 5,267,334 A (NORMILLE et al) 30 November 1993.	1-41
A	US 5,414,469 A (GONZALES et al) 09 May 1995.	1-41
A	US 5,157,488 A (PENNEBAKER) 20 October 1992.	1-41

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Date of the actual completion of the international search 10 APRIL 1998	Date of mailing of the international search report <b>20 JUL 1998</b>
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