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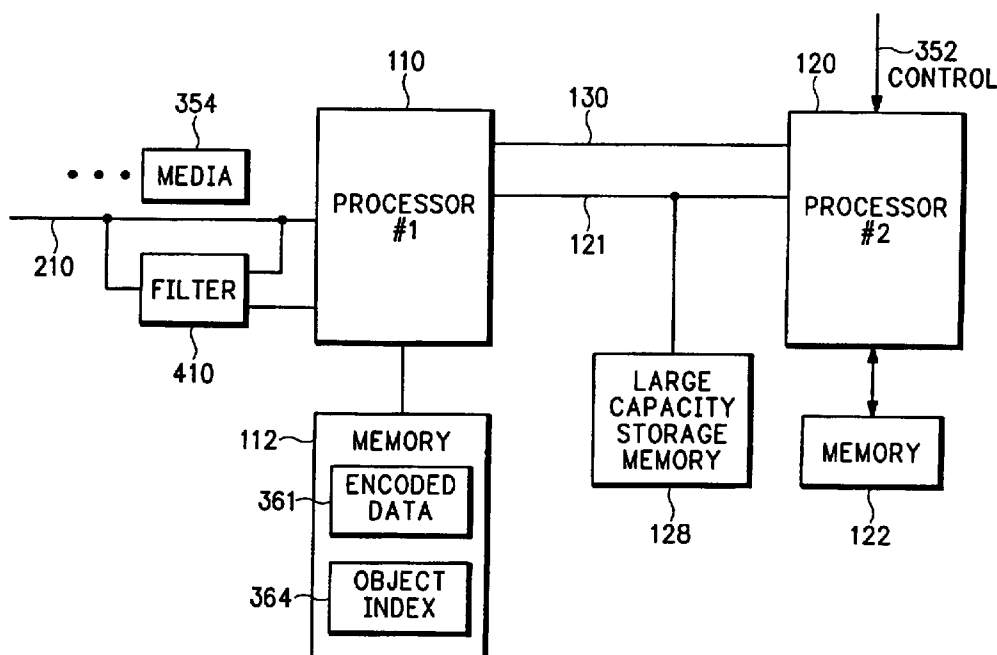
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[Continued on next page]

(54) Title: OPERATION MODES FOR A PERSONAL VIDEO RECORDER USING DYNAMICALLY GENERATED TIME STAMPS



(57) Abstract: A Personal Video Recorder (PVR) generates an object index table in real-time that can be updated while streaming media is being encoded and stored in memory. This allows more dynamic video trick mode operations such as fast forward, reverse and skip. The PVR also provides automatic data rate control that prevents video frames from being dropped thus preventing jitter in the output media.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: H04N 5/91(2006.01), 5/781(2006.01), 5/85(2006.01), 7/00(2006.01), 7/173(2006.01), 7/16(2006.01)

USPC: 386/46, 124, 125, 126; 725/105, 109, 112, 135; 348/461, 462, 468

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. : 386/46, 124, 125, 126; 725/105, 109, 112, 135; 348/461, 462, 468

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.
Y	US 2002/0069218 (Sull et al) 06 June 2002 (06.06.2002), Figure 7-11 and Paragraphs 0193-0211	2-25
Y	US 2003/0177503 (Sull et al) 18 Sept. 2003 (18.09.2003), Figure 3-7 and Paragraphs 0121-0174	2-25
X	US 2002/0059584 (Ferman et al) 16 May 2002 (16.05.2002), Paragraph 0256 and 0582	1
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Y		2-25



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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	

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