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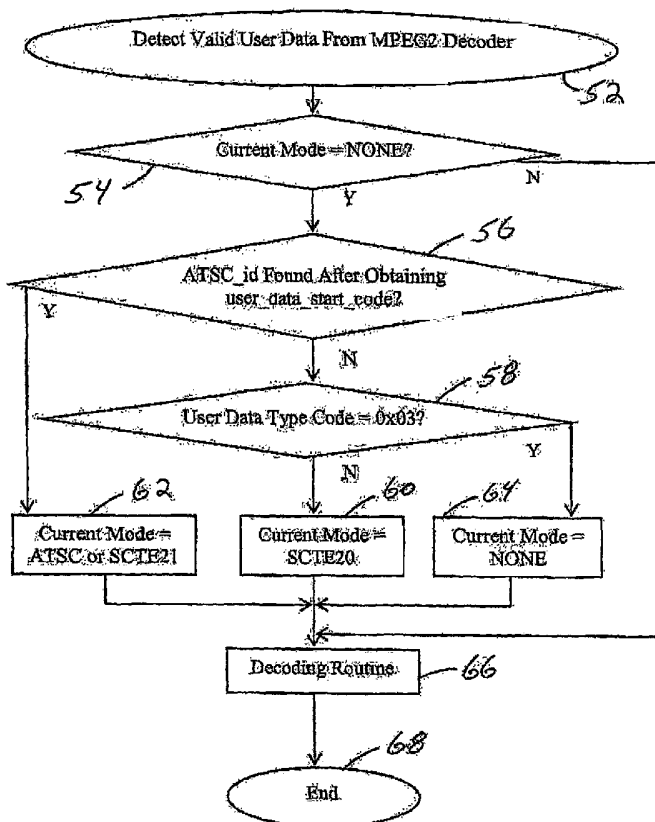
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[Continued on next page]

(54) Title: AUXILIARY INFORMATION PROCESSING SYSTEM



(57) Abstract: A system and method is provided for switching between various VBI encoding standards of an MPEG2 digital television signal in order to obtain correct and virtually seamless VBI data. The decoded VBI data is then re-encoded into an NTSC video signal (24) for presentation to an NTSC display (26). The system and method utilizes valid user data (52) as defined in the MPEG2 video system specifications and the ATSC standard for switching among various VBI data encoding formats. In this manner, it is possible to reduce un-wanted switching and eliminate the loss of data for un-wanted switching.

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FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(As7) : H04N 7/08  
 US CL : 725/137; 348/304, 423, 461-468, 385, 478

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)  
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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	US 6,278,733 B1 (BENNETT et al) 21 August 2001 (21.08.2001), see whole document.	1, 5-8, 12, 13, and 17
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Y		2, 9, and 14
A	US 6,437,830 B1 (HORLANDER) 20 August 2002 (20.08.2002), see whole document.	1-17

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"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
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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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