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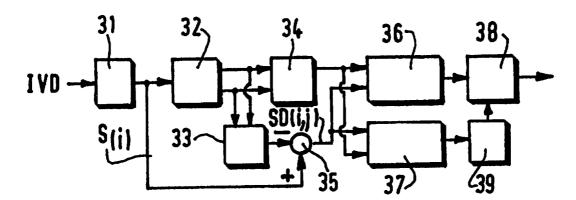
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(54) Title: METHOD AND DEVICE FOR DECODING CODED DIGITAL VIDEO SIGNALS



(57) Abstract

The invention relates to a video coding method and system including a quantization and coding sub-assembly (38) in which a quantization parameter is controlled by another parameter defined as being in direct relation with the dynamic range value of the data contained in given blocks of pixels. Application: MPEG video decoders.

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A. CLASSIFICATION OF SUBJECT MATTER IPC6: H04N 7/26, H04N 7/50 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) IPC6: H04N, G06T Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE,DK,FI,NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category* Citation of document, with indication, where appropriate, of the relevant passages 1,4,5 X US 5307177 A (SHIBATA ET AL), 26 April 1994 (26.04.94), column 4, line 23 - column 5, line 3, figure 1 Α 2,3,6-8 EP 0618733 A2 (CANON KABUSHIKI KAISHA), 1-8 A 5 October 1994 (05.10.94), column 1, line 36 - column 2, line 18, figure 1 US 5396567 A (JASS), 7 March 1995 (07.03.95), 1-8 Α abstract Further documents are listed in the continuation of Box C. See patent family annex. χl "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand Special categories of cited documents: "A" document defining the general state of the art which is not considered the principle or theory underlying the invention to be of particular relevance "E" ertier document but published on or after the international filing date "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 document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other being obvious to a person skilled in the art document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 25 -11 - 1997 21 November 1997 Name and mailing address of the ISA/ Authorized officer Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Christian Rasch Telephone No. +46 8 782 25 00 Facsimile No. +46 8 666 02 86

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