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(54) Title: METHOD FOR ADDRESSING A BITSTREAM RECORDING

(57) Abstract

In bitstream recording presentation data is organised into Video Object Units These have a variable size but have also a variable duration. To allow access to any Video Object Unit in the bitstream a housekeeping address table is used which is based on pieces (VOBU#n) of the bitstream of constant size per piece. The address table additionally contains for each of these pieces a specific delta duration (ΔDUR#n) which indicates the time difference between the arrival time of the first packet of a piece and the arrival time of the packet following immediately the last packet of that piece. The computation of the target VOBU address includes the following steps accumulate the delta durations until the given time value is most closely reached towards the target VOBU; the running index of this table entry multiplied by the constant piece size directly results in the address value to be accessed.

