

ABSTRACT

METHOD FOR DISPLAYING TIME STAMPING AND SYNCHRONIZATION OF MULTIPLE VIDEO OBJECT PLANES

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A method of encoding a local time base of a visual sequence in the
compressed data is disclosed comprising the steps of:

obtaining instances of the visual sequence by temporal sampling;

determining the local time base of the said instances to be encoded into

10 compressed data;

encoding the said local time base in two parts, comprising of a modulo
time base that marks the occurrence of a set of time reference spaced evenly at
a specific interval on the local time base and a time base increment relative to
the said evenly spaced time reference;

15 inserting the modulo time base into the compressed data whenever the
specific interval have elapsed; and

inserting the time base increment within the compressed data of the said
instances of the visual sequence.

20 Fig. 3A