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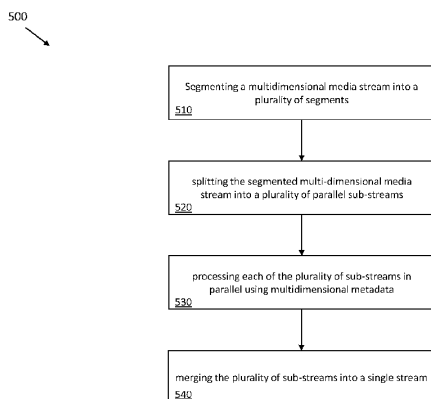
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(54) Title: SPLITTER AND MERGER FUNCTIONS FOR MULTIDIMENSIONAL SEGMENTED MEDIA DATA

FIG. 5



(57) Abstract: A method including segmenting a multidimensional media stream into a plurality of segments of multidimensional media in a multidimensional space; splitting the segmented multidimensional media stream into a plurality of sub-streams that are capable of being processed in parallel, wherein each of the plurality of sub-streams comprises a segment metadata that is used for ordering the segments within the each sub-stream; processing each of the plurality of sub-streams in parallel; and merging the plurality of sub-streams into a single stream using the segment metadata carried to an output segment, wherein the single stream comprises ordered segments.

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