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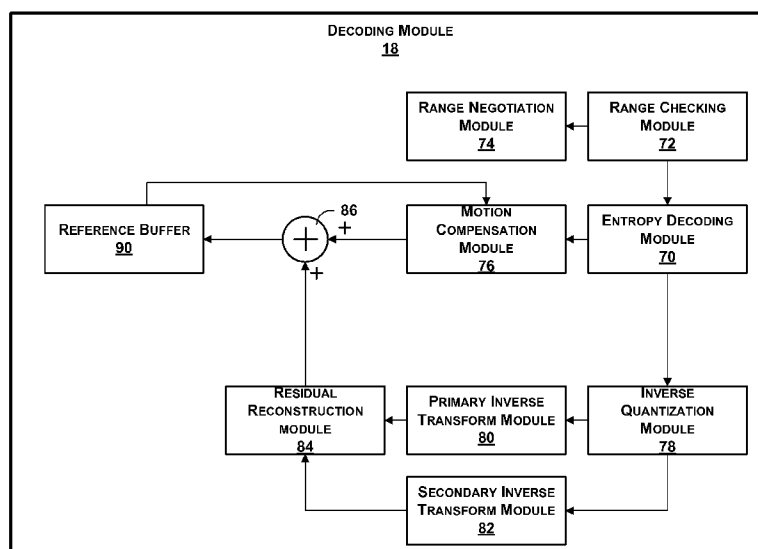
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(57) **Abstract:** Techniques are described to signal a maximum dynamic range of inverse discrete cosine transform (IDCT) output values that may be produced when a set of encoded media data is decoded. In accordance with these techniques, an encoding device may generate a media file that includes encoded media data associated with a set of one or more video frames. The media file may also include a range indication element that indicates the maximum dynamic range of IDCT output values produced when the encoded media data is decoded. A decoding device that receives the media file may, prior to decoding the encoded media data, use the range indication element to determine whether to decode the encoded media data. For instance, the decoding device may not decode the encoded media data when the decoding device is not capable of producing IDCT output values in the indicated range of IDCT output values.

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