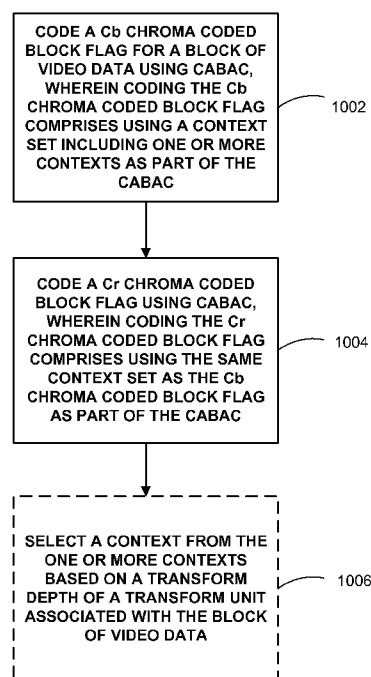




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(54) **Title:** NUMBER OF CONTEXT REDUCTION FOR CONTEXT ADAPTIVE BINARY ARITHMETIC CODING



(57) **Abstract:** A reduction in the number of binarizations and/or contexts used in context adaptive binary arithmetic coding (CABAC) for video coding is proposed. In particular, this disclosure proposes techniques that may lower the number of contexts used in CABAC by up to 56. A method of coding video data comprising: coding a Cb chroma coded block flag for a block of video data using context adaptive binary arithmetic coding (CABAC), wherein coding the Cb chroma coded block flag comprises using a context set including one or more contexts as part of the CABAC; and coding a Cr chroma coded block flag using CABAC, wherein coding the Cr chroma coded block flag comprises using the same context set as the Cb chroma coded block flag as part of the CABAC. It selects a context from the one or more contexts based on a transform depth of a transform unit associated with the block of video data.

FIG. 10



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