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(54) **Title:** INTRA PREDICTION METHOD AND DEVICE

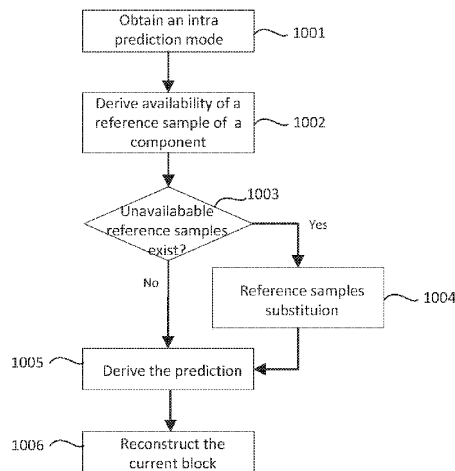


FIG. 10

(57) **Abstract:** An intra prediction method and apparatus for reconstruction of unavailable reference samples are provided. The method includes obtaining an intra prediction mode of a current block, deriving availability of a reference sample of a component of the current block, substituting unavailable reference samples by using available reference samples, deriving a prediction of the current block based on the intra prediction mode and the substituted reference samples, and reconstructing the current block based on the prediction. The component includes a Cb component or a Cr component. Alternatively, the component includes a Chroma component. Since the method derives availability of the reference sample in each component, it can provide the available information more accurately.



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