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(54) Title: TECHNIQUES FOR REUSING PORTIONS OF ENCODED ORIGINAL VIDEOS WHEN ENCODING LOCALIZED VIDEOS

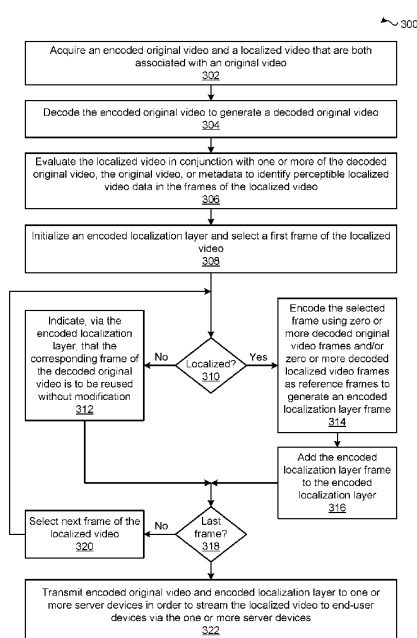


FIGURE 3

(57) Abstract: In various embodiments, a localized video encoding application encodes localized videos. In operation, the localized video encoding application computes a prediction frame based on a target frame of a localized video and at least a portion of a reference frame of a decoded original video. The localized video encoding application computes a residual frame based on the prediction frame and the target frame of the localized video. The localized video encoding application performs one or more encoding operations on the residual frame to generate a frame of an encoded localization layer. The frame of the encoded localization layer and at least one frame of an encoded original video are subsequently transmitted to another device for decoding.

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