Abstract

In some embodiments, a video decoder decodes a video from a bitstream of the video. The video decoder accesses a bitstream of the video and extracts a general constraints information (GCI) flag from the bitstream of the video. The decoder determines that one or more general constraints are imposed for the video based on the GCI flag value and extracts, from the bitstream of the video, a value indicating a quantity of additional bits included in the bitstream of the video. The additional bits include flag bits indicating respective additional coding tools to be constrained for the video. If the value is greater than five, the decoder extracts six flags from the bitstream of the video that indicate respective constraints for six additional coding tools. The decoder decodes the bitstream of the video into images based on the constraints for the six additional coding tools indicated by the six flags.

Fig. 5