

ABSTRACT OF THE DISCLOSURE

Aspects of the disclosure provide methods and apparatuses for filtering in video encoding/decoding. In some examples, an apparatus for video coding includes processing circuitry. The processing circuitry buffers first boundary pixel values of first reconstructed samples at a first node along a loop filter chain. The first node is associated with a non linear mapping based filter that is applied in the loop filter chain before a loop restoration filter. The first boundary pixel values are values of pixels at a frame boundary. The processing circuitry applies the loop restoration filter on to-be filtered reconstructed samples based on the buffered first boundary pixel values.

Fig. 1A