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(54) Title: METHOD OF REMOVING DEBLOCKING ARTIFACTS

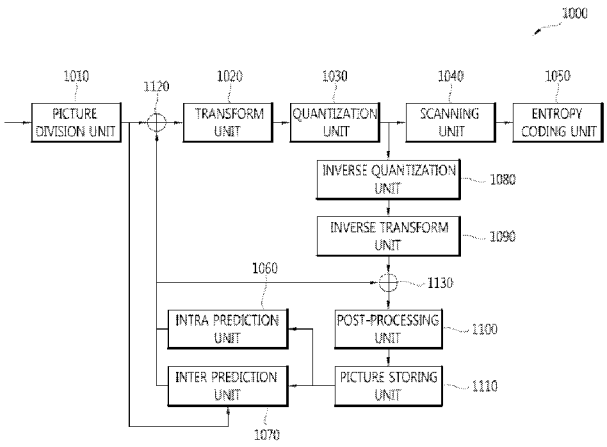


Fig 2

(57) Abstract: Provided is a methoddetermines a boundary strength for each 4-sample edge lying on 8x8 sample grid, determines whether deblocking filtering is performed on the 4-sample edge or not if the boundary strength is not equal to zero, selects a deblocking filter if the deblocking filtering is performed on the 4-sample edge, and filters the 4-sample edge using the selected filter. Accordingly, the computational complexity required to determine the boundary strength according to the present invention is reduced by 50% or more when compared with the HEVC under development. Also, the memory capacity and bandwidth required to determine the boundary strength are reduced by 50% or more without deterioration of image quality.

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