

(54) Title of the invention : SYSTEM AND METHOD FOR ADAPTIVE HYBRID IMAGE WATERMARKING WITH TWO WATERMARKS

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(57) Abstract :
 Embodiments of the present disclosure may include an adaptive hybrid image watermarking system (100). The system (100) includes an input unit (102) being configured to receive an image, an encoding unit operatively coupled to the input unit, to encode a first watermark and a second watermark on the received image. The system may also include a processing unit configured to segment, the received image into a plurality of blocks, select one or more high entropy blocks from the plurality of blocks, and apply Discrete Wavelet Transform (DWT) on each of the selected high entropy blocks, to obtain a set of sub-bands. Additionally, the processing unit being configured to select a first sub-band and a second sub-band from a set of sub-bands, and embed the first watermark and the second watermark into the received image. Furthermore, at a receiver, the watermarked image is decoded by a decoding unit to extract the encoded data from the watermarked image.

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