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(54) Method of marking a multimedia document having improved robustness

(57) A method of marking of a multimedia document lorig by introducing a tattoo or watermark information M within said document, which involves the steps of formatting the watermark by inserting additional Spatial Compensation Bits (SCB) which will be used during the extraction process of the watermark for achieving synchronization of elementary blocks of the image prior to the extraction of the watermark information. The method is particularly adapted for the autosimilarity method based on the fractal analysis and permits the blind extraction of the watermark even when the image was subject to a set of random local transformations or slight global affine transformations. A corresponding extraction process is provided.

