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(54) Process for marking a multimedia document, such as an image, by generating a mark

(57) Method of marking a multi-media document I_{orig} by generating a mark from said document and a marking image I_{inf_0} , comprising the following steps:

- decomposing the initial document I_{orig} according to a lossy approximation method;
- determining a reference image I_{ref} ;
- point-by-point subtracting the initial document I_{orig} and the reference image I_{ref} , and according to at least one vector representative of the image in order to produce a support image I_s ;
- formatting the marking image I_{inf_0} so as to obtain an image I_{inf1} of the same size as the support image I_s by pre-introducing at least one level of redundancy;
- point-by-point combining the marking image I_{inf_0} formatted beforehand, with the support image so as to generate a mark or a signature which can be, according to the case, either filed, or internally reintroduced into the initial document I_{orig} .

The combining of image I_{inf1} and support image I_s produces a compact-sized mark which can be either stored or reintegrated within the document itself.

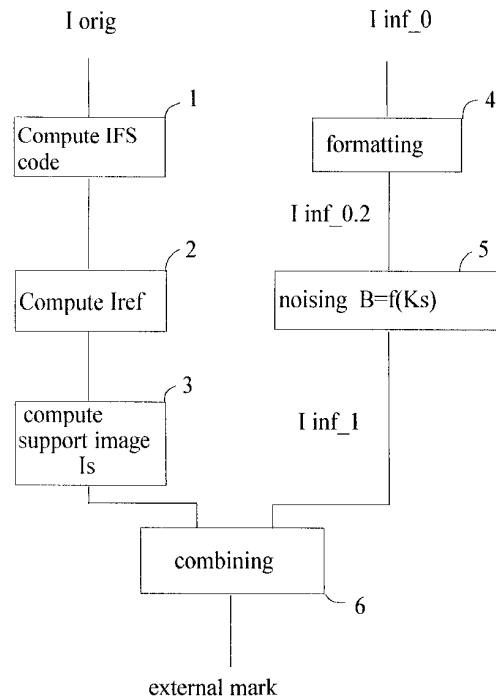


Fig. 1

