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ELECTRONIC WATERMARK INSERTION DEVICE

ABSTRACT

The present invention relates to an electronic watermark burying device that does not bury the same electronic watermark data (140) in a superimposing mode. The electronic watermark insertion device comprises discrete cosine transforming means (120) for subjecting an input image (110) into a discrete cosine transformation; electronic watermark burying means (130) for inserting electronic watermark data (140) to data transformed by the discrete cosine transforming means (120); electronic watermark detecting means (180) for detecting whether or not the electronic watermark data (140) to be inserted by the electronic watermark burying means (130) has already been inserted into the input image (110); and selecting means (190) for selecting the output data from the discrete cosine transforming means (120) or for selecting output data from the electronic watermark burying means (130); and means (150) for subjecting data selected by the selecting means (190) into an inverse discrete cosine transformation.

FIG.1