

**A METHOD FOR INSERTING AND DETECTING ELECTRONIC
WATERMARK DATA INTO A DIGITAL IMAGE AND A DEVICE FOR THE
SAME**

ABSTRACT

An image is divided into blocks, and different electronic watermark data are embedded into every block using a DCT transformer (103), electronic watermark data inserter (104), and IDCT transformer (107). At that time, reference is made to an electronic watermark data insertion position table (105) and electronic watermark data table (106) which specify that which electronic watermark data is to be inserted into which block of the image.

Fig. 1