

Title (en)  
WATERMARKING OF DIGITAL IMAGE DATA

Title (de)  
WASSERZEICHEN VON DIGITALEN BILDDATEN

Title (fr)  
FORMATION DE FILIGRANE DANS DES DONNEES D'IMAGES NUMERIQUES

Publication  
**EP 1034635 A1 20000913 (EN)**

Application  
**EP 98956257 A 19981027**

Priority  
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• US 6350997 P 19971027

Abstract (en)  
[origin: WO9922480A1] Digital watermarks can serve to indicate copyright ownership of digitized video. When video images are transmitted as transformed by discrete cosine transformation (DCT) for compression, with or without motion compensation, it is advantageous to include a watermark after transformation. To this end, a DCT watermark is generated for optimal visibility based on the original image data, and the generated watermark is superposed on the transformed data.

IPC 1-7  
**H04K 1/00**; **H04L 9/00**; **G09C 5/00**

IPC 8 full level  
**G06T 1/00** (2006.01); **G09C 5/00** (2006.01); **H04N 1/32** (2006.01); **H04N 1/387** (2006.01); **H04N 7/26** (2006.01); **H04N 7/30** (2006.01); **H04N 7/46** (2006.01); **H04N 7/50** (2006.01)

CPC (source: EP KR)  
**G06T 1/0028** (2013.01 - EP KR); **H04N 1/32165** (2013.01 - EP); **H04N 1/32192** (2013.01 - EP); **H04N 19/10** (2014.11 - EP); **H04N 19/467** (2014.11 - EP); **H04N 19/577** (2014.11 - EP); **G06T 2201/0052** (2013.01 - EP); **G06T 2201/0053** (2013.01 - KR); **G06T 2207/20052** (2013.01 - KR); **H04N 2201/3233** (2013.01 - EP); **H04N 2201/327** (2013.01 - EP)

Citation (search report)  
See references of WO 9922480A1

Designated contracting state (EPC)  
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