

Title (en)

WATERMARKING PROCESS RESILIENT TO COLLUSION ATTACKS

Title (de)

GEGEN ANGRIFFE MIT HEIMLICHEM EINVERSTÄNDNIS BESTÄNDIGES WASSERZEICHENVERFAHREN

Title (fr)

PROCEDE D'APPLICATION DE FILIGRANE EFFICACE CONTRE LES COPIES ILLICITES

Publication

EP 0888676 A1 19990107 (EN)

Application

EP 97909004 A 19970312

Priority

- US 9703816 W 19970312
- US 61553496 A 19960312
- US 67986396 A 19960715

Abstract (en)

[origin: WO9734391A1] The work to be protected by the watermark is first digitized (10), and then the baseline watermark vector is derived (12) and stored (14). Also, a watermark offset vector is created (16) and stored (18). The watermark offset vector and the baseline watermark vector are added together to generate a modified watermark vector (20). Next, the baseline watermark vector is replaced by the modified watermark vector in the digitized work to be protected (22). Finally, the watermarked work is returned to its original form (24).

IPC 1-7

H04L 9/00

IPC 8 full level

G06F 21/10 (2013.01); **G06T 1/00** (2006.01); **H04N 1/32** (2006.01); **H04N 5/913** (2006.01); **G06F 1/00** (2006.01)

CPC (source: EP US)

G06F 21/10 (2013.01 - EP US); **G06F 21/16** (2013.01 - EP); **G06T 1/005** (2013.01 - EP); **H04N 1/32149** (2013.01 - EP); **H04N 1/32304** (2013.01 - EP); **H04N 1/3232** (2013.01 - EP); **H04N 5/913** (2013.01 - EP); **G06T 2201/0063** (2013.01 - EP); **G06T 2201/0081** (2013.01 - EP); **G06T 2201/0083** (2013.01 - EP); **H04N 2005/91335** (2013.01 - EP); **H04N 2201/3236** (2013.01 - EP); **H04N 2201/324** (2013.01 - EP); **H04N 2201/327** (2013.01 - EP)

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