

Title (en)
TRANSMARKING, WATERMARK EMBEDDING FUNCTIONS AS RENDERING COMMANDS, AND FEATURE-BASED WATERMARKING OF MULTIMEDIA SIGNALS

Title (de)
TRANSMARKIERUNG, WASSERZEICHENEINBETTUNGSFUNKTIONEN WIE WIDERGABEBEFEHLE UND MERKMALBASIERTE WASSERZEICHENERZEUGUNG VON MULTIMEDIASIGNALEN

Title (fr)
TRANSMARQUAGE, FONCTIONS D'INCORPORATION DE FILIGRANE COMME COMMANDES DE RESTITUTION, ET FILIGRANAGE A CARACTERISTIQUES DE SIGNAUX MULTIMEDIA

Publication
EP 1266475 A4 20050727 (EN)

Application
EP 01920399 A 20010316

Priority
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• US 19048100 P 20000318
• US 56366400 A 20000502
• US 25782200 P 20001221

Abstract (en)
[origin: WO0171960A1] A watermarked media signal (20) is transmarked to adapt the watermark to the robustness and perceptibility constraints of the new environment (34). A first watermark is detected (22) in the media signal and the message information from the first watermark is embedded into a second watermark (44), before the media signal undergoes a transformation process. The second watermark (44) is adapted to survive the transformation process. In addition, a watermark embedding command is included in a set of rendering commands used during the process of creating a media object to specify how the media object is to be rendered. The watermark embedding command includes an identifier used to link to customer or related content information, the customer's web site, the intensity at which to embed the watermark, areas not to embed, batch processing options, printing preferences for images, watermark embedding methods to use on different media types, formats or different parts of the media object, and desired rendering quality.

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H04K 1/00

IPC 8 full level
G06T 1/00 (2006.01); **H04N 1/32** (2006.01); **H04N 1/387** (2006.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01)

CPC (source: EP KR)
G06T 1/0028 (2013.01 - EP); **G06T 1/0064** (2013.01 - EP); **G11B 20/10** (2013.01 - KR); **H04N 1/32144** (2013.01 - EP); **H04N 1/32229** (2013.01 - EP); **H04N 1/32299** (2013.01 - EP); **H04N 2201/3233** (2013.01 - EP); **H04N 2201/327** (2013.01 - EP)

Citation (search report)
• [X] WO 9743736 A1 19971120 - DIGIMARC CORP [US], et al
• [XA] US 5956716 A 19990921 - KENNER BRIAN [US], et al
• [A] US 5841978 A 19981124 - RHOADS GEOFFREY B [US]
• See references of WO 0171960A1

Designated contracting state (EPC)
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