

Title (en)

WATERMARK ENCODER AND DECODER ENABLED SOFTWARE AND DEVICES

Title (de)

WASSERZEICHENCODIERER UND SOFTWARE UND EINRICHTUNGEN MIT DECODIERERAKTIVIERUNG

Title (fr)

LOGICIELS ET DISPOSITIFS ACTIVES PAR DES CODEURS ET DES DECODEURS DE FILIGRANE

Publication

EP 1257921 A4 20060920 (EN)

Application

EP 01909242 A 20010214

Priority

- US 0104812 W 20010214
- US 18368100 P 20000219
- US 19177800 P 20000324
- US 63610200 A 20000810

Abstract (en)

[origin: WO0161508A1] Watermark encoders and decoders are integrated into operating systems, Internet browsers (300), media players, and other applications and devices. Such integration enables the watermark-enabled application (304) or device to provide additional functionality and information (302) available via the watermark. The watermark, for example, may link to metadata or actions related to a media object. To exploit this watermark enabled functionality, the integrated application uses a watermark decoder to access the related metadata and actions. The user interface of the integrated application is enhanced to present metadata and actions linked via the watermark. Similarly, watermark encoders may be integrated into applications to convert media objects into enhanced, watermarked objects.

IPC 1-7

G06F 17/30; **G06F 13/00**; **G06F 15/16**; **H04L 9/00**

IPC 8 full level

G06T 1/00 (2006.01); **G06F 13/00** (2006.01); **G06F 15/16** (2006.01); **G06F 17/30** (2006.01); **G06Q 10/00** (2012.01); **G06Q 30/00** (2012.01); **G09C 5/00** (2006.01); **H04L 9/00** (2006.01); **H04N 1/387** (2006.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01)

CPC (source: EP KR)

G06F 13/00 (2013.01 - KR); **G06F 16/955** (2019.01 - EP); **G06F 21/16** (2013.01 - EP); **G06Q 10/107** (2013.01 - EP); **G06Q 30/02** (2013.01 - EP)

Citation (search report)

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- [X] WO 9743736 A1 19971120 - DIGIMARC CORP [US], et al
- [X] WO 9957623 A2 19991111 - FRAUNHOFER CENTER FOR RESEARCH [US]
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- [Y] GAROFALAKIS J ET AL: "Digital robbery; authors are not unprotected", COMPUTER GRAPHICS INTERNATIONAL, 1998. PROCEEDINGS HANNOVER, GERMANY 22-26 JUNE 1998, LOS ALAMITOS, CA, USA,IEEE COMPUT. SOC, US, 22 June 1998 (1998-06-22), pages 558 - 563, XP010291474, ISBN: 0-8186-8445-3
- See also references of WO 0161508A1

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DOCDB simple family (publication)

WO 0161508 A1 20010823; **WO 0161508 A9 20021031**; AU 3701701 A 20010827; EP 1257921 A1 20021120; EP 1257921 A4 20060920; EP 2278497 A2 20110126; EP 2278497 A3 20130626; HK 1049530 A1 20030516; JP 2003523697 A 20030805; JP 2010182323 A 20100819; JP 4682276 B2 20110511; JP 5144699 B2 20130213; KR 100799090 B1 20080129; KR 100878338 B1 20090114; KR 100920320 B1 20091007; KR 20030007432 A 20030123; KR 20070086674 A 20070827; KR 20080089665 A 20081007

DOCDB simple family (application)

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