

Title (en)

METHOD AND SYSTEM FOR STEGANOGRAPHICALLY EMBEDDING INFORMATION BITS IN SOURCE SIGNALS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEGANOGRAPHISCHEN EINBETTUNG EINER INFORMATION IN QUELLENSIGNALEN

Title (fr)

PROCEDE ET SYSTEME D'INTEGRATION STEGANOGRAPHIQUE DE BITS D'INFORMATION DANS DES SIGNAUX SOURCES

Publication

**EP 1317809 A4 20050518 (EN)**

Application

**EP 01956130 A 20010802**

Priority

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- US 63450600 A 20000809

Abstract (en)

[origin: WO0213436A1] A method and system for embedding (E) information bits in a source signal (A) like images, audio or video. The embedding being performed optimally for a given worst-case scenario of unintentional or intentional attack of the host signal (to remove the embedded bits), and a given distortion of the host signal due to information embedding.

IPC 1-7

**H04K 1/02**

IPC 8 full level

**H04N 1/387** (2006.01); **G06T 1/00** (2006.01); **G09C 5/00** (2006.01); **H04L 9/06** (2006.01); **H04N 1/32** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 5940429 A 19990817 - LAM S KATHERINE [US], et al
- [A] US 5768426 A 19980616 - RHOADS GEOFFREY B [US]
- [X] EP 0966133 A2 19991222 - SONY INT EUROPE GMBH [DE]
- [XA] EP 0865181 A2 19980916 - SONY CORP [JP]
- [XA] US 5938787 A 19990817 - STARK WAYNE E [US]
- See references of WO 0213436A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 0213436 A1 20020214**; AU 7816301 A 20020218; EP 1317809 A1 20030611; EP 1317809 A4 20050518; JP 2004506379 A 20040226

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