

Title (en)

STEGANOGRAPHY IN DIGITAL SIGNAL ENCODERS

Title (de)

STEGANOGRAPHIE IN DIGITALEN SIGNAL-CODIERERN

Title (fr)

STÉGANOGRAPHIE DANS DES CODEURS DE SIGNAUX NUMÉRIQUES

Publication

**EP 2062254 B1 20120613 (DE)**

Application

**EP 07801969 A 20070829**

Priority

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- DE 102007007627 A 20070216

Abstract (en)

[origin: WO2008031498A1] In a method for embedding steganographic information into the signal information of a signal encoder, a solution is to be created, which enables steganographic information being embedded into the signal information of a signal encoder such that a reduction of the voice quality is largely avoided. This is achieved by means of providing data information, particularly voice information, selecting steganographic information from a quantity of steganographic information, generating a code word from a code book provided by means of the signal encoder on the basis of the code elements forming the code book such that with the use of the code word generated within the scope of a transmission standard associated with the code book the data information is encoded into signal information containing the code word and/or making reference to the code word; and by the code word generated having an additional feature that can be calculated on the basis of the code elements forming the code word, wherein the additional feature represents the steganographic information.

IPC 8 full level

**G10L 19/00** (2006.01); **G10L 19/018** (2013.01); **G10L 19/12** (2006.01); **H04K 1/00** (2006.01)

CPC (source: EP US)

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- JP H11272299 A 19991008 - TOYO COMMUNICATION EQUIP
- MUNETOSHI IWAKIRI ET AL: "Embedding a text into conjugate structure algebraic code excited linear prediction audio codes", COMPUTER SYSTEM SYMPOSIUM, INFORMATION PROCESSING SOCIETY OF JAPAN, JP, vol. 39, no. 3, 1 September 1998 (1998-09-01), pages 2623 - 2630, XP007916951

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