

Title (en)

ENCODING/DECODING BY SYMBOL PLANES WITH DYNAMIC CALCULATION OF PROBABILITY TABLES

Title (de)

CODIERUNG/DECODIERUNG DURCH SYMBOLPLÄNE MIT DYNAMISCHER BERECHNUNG VON WAHRSCHEINLICHKEITSTABELLEN

Title (fr)

CODAGE/DECODAGE PAR PLANS DE SYMBOLES, AVEC CALCUL DYNAMIQUE DE TABLES DE PROBABILITES

Publication

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Application

EP 08828177 A 20080725

Priority

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- FR 0706001 A 20070824

Abstract (en)

[origin: WO2009027606A1] The invention relates to an arithmetic encoding by bit planes (MSB,..., LSB), that comprises using tables of probability to have a 0 or 1 bit for encoding each bit plane. According to the invention, the probability tables are calculated dynamically for each signal frame based on a probability density model (Mod) corresponding to the distribution (H) of the signal (X) on each frame.

IPC 8 full level

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CPC (source: EP US)

G10L 19/00 (2013.01 - EP US); **H03M 7/30** (2013.01 - EP US); **H03M 7/4006** (2013.01 - EP US); **H04N 19/13** (2014.11 - EP US); **H04N 19/184** (2014.11 - EP US)

Citation (search report)

See references of WO 2009027606A1

Citation (examination)

- WO 2006075901 A1 20060720 - UNIV SUNGKYUNKWAN [KR], et al
- WO 2004042933 A1 20040521 - LAB FOR INFORMATION TECHNOLOGY [SG], et al

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DOCDB simple family (application)

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