

Title (en)

METHOD AND DEVICE FOR COMPRESSING DATA TO BE TRANSMITTED AT CONSTANT BIT RATE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KOMPRIMIERUNG VON MIT KONSTANTER RATE ZU ÜBERTRAGENDEN DATEIEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LA COMPRESSION DE DONNEES DEVANT ETRE TRANSMISES AVEC UN DEBIT CONSTANT

Publication

EP 1428392 A2 20040616 (FR)

Application

EP 02798008 A 20020912

Priority

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- FR 0111851 A 20010913

Abstract (en)

[origin: FR2829657A1] The compression method produces digital word blocks transformed by an orthogonal transformer (12) and quantizes (14) the coefficients. An entropy code (20) of the coefficients is produced, and the coded words are temporarily held in a memory (18). The quantization steps are controlled so that the number of bits in the coded blocks is approximately equal to the number of bits removed from the memory, taking account (54) of the measured data rate of the previous block. An Independent claim is included for the application of the method of the invention to the transmission of images of the earth's surface from a satellite.

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