Title (en)

METHOD OF CODING WAVELET-CODED IMAGES WITH DATA RATE CONTROL AND CORRESPONDING CODING DEVICE AND COMPUTER PROGRAM

Title (de)

VERFAHREN ZUR CODIERUNG VON WAVELET-CODIERTEN BILDERN MIT DATENRATEN-STEUERUNG UND ENTSPRECHENDE CODIERUNGSEINRICHTUNG UND COMPUTERPROGRAMM

Title (fr)

PROCEDE DE CODAGE D'IMAGES CODEES PAR ONDELETTES A CONTROLE DE DEBIT, DISPOSITIF DE CODAGE ET PROGRAMME D'ORDINATEUR CORRESPONDANTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006053842A1] The invention relates to a method of coding at least one still or animated image, in which said image is associated with (i) a basic mesh formed by a set of faces that are defined by a set of vertices and edges and (ii) coefficients in a base of wavelets corresponding to local modifications to the basic mesh, known as wavelet coefficients, wherein the coded data rate is controlled. The inventive method comprises the following steps consisting in: controlling a first rate of data representative of a basic mesh that meets a first rate criterion; controlling a second rate of data representative of wavelet coefficients according to a second rate criterion; and finally optimising the coded data rate by controlling the quantification characteristics of the selected wavelet coefficients.

IPC 8 full level

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