Title (en)

SYSTEM AND METHOD FOR COMPRESSING VIDEO BY ALLOCATING BITS TO IMAGE TILES BASED ON DETECTED INTRAFRAME MOTION OR SCENE COMPLEXITY

Title (de)

SYSTEM UND VERFAHREN ZUR VIDEOKOMPRIMIERUNG DURCH ZUWEISUNG VON BITS ZU BILDPLATTEN AUF DER BASIS DER FESTGESTELLTEN INTRAFRAME-BEWEGUNG ODER SZENENKOMPLEXITÄT

Title (fr)

SYSTÈME ET PROCÉDÉ POUR COMPRESSER UNE VIDÉO EN ATTRIBUANT DES BITS À DES PAVÉS D'IMAGE EN SE BASANT SUR UN MOUVEMENT INTRATRAME DÉTECTÉ OU UNE COMPLEXITÉ DE SCÈNE

Publication

EP 2232385 A4 20110525 (EN)

Application

EP 08856703 A 20081204

Priority

• US 2008085598 W 20081204
• US 99968807 A 20071205

Abstract (en)

[origin: WO2009073823A1] A system and method are described below for encoding interactive low-latency video using interframe coding. For example, one embodiment of a computer-implemented method for performing video compression comprises: logically subdividing each of a sequence of images into a plurality of tiles, each of the tiles having a defined position within each of the sequence of images, the defined position remaining the same between successive images; detecting motion or high scene complexity within the sequence of images occurring at each of the positions of each of the tiles; and encoding each tile within each image of the sequence of images using a specified number of bits, the number of bits selected based on the detected amount of motion at the position of each tile across the sequence of images.

IPC 8 full level

G06F 17/00 (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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