Title (en)
SYSTEM AND METHOD FOR COMPRESSING VIDEO BASED ON DETECTED INTRAFRAME MOTION

Title (de)
SYSTEM UND VERFAHREN ZUR VIDEOKOMPRIMIERUNG AUF GRUNDLAGE VON ERKANNTER INTRAFRAME-BEWEGUNG

Title (fr)
SYSTÈME ET PROCÉDÉ DE COMPRESSION VIDÉO BASÉ SUR UN MOUVEMENT INTRA-IMAGE DÉTECTÉ

Publication
EP 2218039 A4 20130605 (EN)

Application
EP 08856580 A 20081204

Priority
• US 2008085602 W 20081204
• US 99958407 A 20071205

Abstract (en)
[origin: WO2009073827A1] 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 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 first compression format or a second compression format, wherein the frequency at which a particular tile is encoded according to the first compression format across the sequence of images is based on the detected amount of motion at the position of that tile across the sequence of images.

IPC 8 full level
H04N 21/478 (2011.01); **H04N 7/26** (2006.01); **H04N 21/2343** (2011.01); **H04N 21/2383** (2011.01); **H04N 21/6587** (2011.01)

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WO 2009073827 A1 20090611; AU 2008333829 A1 20090611; AU 2008333829 B2 20131003; CA 2707705 A1 20090611; CN 101918958 A 20101215; EP 2218039 A1 20100818; EP 2218039 A4 20130605; JP 2011507348 A 20110303; KR 20100112568 A 20101019; NZ 585901 A 20120224; RU 2010127313 A 20120110; RU 2493588 C2 20130920; TW 200943964 A 20091016; TW 200952495 A 20091216

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