Title (en)
MOTION ENCODING WITHOUT THE TRANSMISSION OF MOTION INFORMATION AND MOTION DECODING

Title (de)
BEWEGUNGSKODIERUNG UND -DEKODIERUNG

Title (fr)
CODAGE DE MOUVEMENT SANS TRANSMISSION D' INFORMATION DE MOUVEMENT, ET DECODAGE

Publication
EP 2232869 A1 20100929 (FR)

Application
EP 08858284 A 20081119

Priority
- FR 2008052087 W 20081119
- FR 0708314 A 20071128

Abstract (en)
[origin: WO2009071803A1] The invention relates to a method for encoding a portion of a current image, including: an estimation (10) of motion between the current image portion and a plurality of candidate image portions in order to form motion components, an evaluation (14) of a performance criterion for each candidate image portion, and the selection (16) of a reference image portion using said performance criteria. The method is characterised in that, for at least one motion component, the motion estimation, the performance criteria evaluation and the reference image portion selection only use information considered to be available at the decoder and no motion information is inserted into an output flow intended for a decoder. The invention also relates to the corresponding decoding method.

IPC 8 full level
H04N 7/26 (2006.01)

CPC (source: EP US)
H04N 19/00 (2013.01 - US); **H04N 19/44** (2014.11 - EP US); **H04N 19/51** (2014.11 - EP US)

Citation (search report)
See references of WO 2009071803A1

Citation (examination)
STEFFEN KAMP ET AL: "Decoder Side Motion Vector Derivation", 82. MPEG MEETING; 22-10-2007 - 26-10-2007; SHENZHEN; (MOTION PICTURE EXPERT GROUP OR ISO/IEC JTC1/SC29/WG11),, no. M14917, 16 October 2007 (2007-10-16), XP030043523

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2009071803 A1 20090611; CN 101919251 A 20101215; CN 101919251 B 20130710; EP 2232869 A1 20100929; JP 2011505095 A 20110217; JP 5324594 B2 20131023; US 2010266046 A1 20101021; US 8731045 B2 20140520

DOCDB simple family (application)
FR 2008052087 W 20081119; CN 200880125221 A 20081119; EP 08858284 A 20081119; JP 2010535429 A 20081119; US 74454408 A 20081119