Title (en)

VIDEO ENCODING WITH INTRA ENCODING MODE SELECTION

Title (de)

VIDEOKODIERUNG MIT AUSWAHL DES INTRA-KODIERUNGSMODUS

Title (fr)

CODAGE VIDEO AVEC SELECTION DU MODE DE CODAGE INTRA

Publication

EP 2078424 A1 20090715 (FR)

Application

EP 07821931 A 20071026

Priority

- EP 2007061571 W 20071026
- FR 0654652 A 20061031

Abstract (en)

[origin: FR2908007A1] The method involves computing gradient activities of a macro-block in prediction directions from two-dimensional convolution window shifted in the macro-block, where the macro-block is constituted of image blocks. Directional intra-encoding modes of the macro-block having directions that correspond to the gradient activities having a minimal value are pre-selected to determine an encoding mode of the macro-block. An independent claim is also included for a device for encoding an image sequence.

IPC 8 full level

H04N 19/11 (2014.01); **H04N 19/14** (2014.01); **H04N 19/147** (2014.01); **H04N 19/176** (2014.01); **H04N 19/19** (2014.01); **H04N 19/593** (2014.01); **H04N 19/61** (2014.01)

CPC (source: EP US)

H04N 19/11 (2014.11 - EP US); **H04N 19/14** (2014.11 - EP US); **H04N 19/147** (2014.11 - EP US); **H04N 19/176** (2014.11 - EP US); **H04N 19/19** (2014.11 - EP US); **H04N 19/593** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US)

Citation (search report)

See references of WO 2008052950A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2908007 A1 20080502; CN 101529916 A 20090909; CN 101529916 B 20120718; EP 2078424 A1 20090715; JP 2010508684 A 20100318; JP 5065404 B2 20121031; US 2010054331 A1 20100304; US 8325804 B2 20121204; WO 2008052950 A1 20080508

DOCDB simple family (application)

FR 0654652 A 20061031; CN 200780040296 A 20071026; EP 07821931 A 20071026; EP 2007061571 W 20071026; JP 2009533872 A 20071026; US 31211707 A 20071026